UNIVERSITY OF OREGON

Catalog 2015–16

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About the University of Oregon

Mission Statement

The University of Oregon is a comprehensive research university that serves its students and the people of Oregon, the nation, and the world through the creation and transfer of knowledge in the liberal arts, the natural and social sciences, and the professions. It is the Association of American Universities flagship institution of the Oregon University System.

The university is a community of scholars dedicated to the highest standards of academic inquiry, learning, and service. Recognizing that knowledge is the fundamental wealth of civilization, the university strives to enrich the public that sustains it through

- a commitment to undergraduate education, with a goal of helping the individual learn to question critically, think logically, communicate clearly, act creatively, and live ethically
- a commitment to graduate education to develop creators and innovators who will generate new knowledge and shape experience for the benefit of humanity
- a recognition that research, both basic and applied, is essential to the intellectual health of the university, as well as to the enrichment of the lives of Oregonians, by energizing the state's economic, cultural, and political structure
- the establishment of a framework for lifelong learning that leads to productive careers and to the enduring joy of inquiry
- the integration of teaching, research, and service as mutually enriching enterprises that together accomplish the university's mission and support its spirit of community
- the acceptance of the challenge of an evolving social, political, and technological environment by welcoming and guiding change rather than reacting to it
- a dedication to the principles of equality of opportunity and freedom from unfair discrimination for all members of the university community and an acceptance of true diversity as an affirmation of individual identity within a welcoming community
- a commitment to international awareness and understanding, and to the development of a faculty and student body that are capable of participating effectively in a global society
- the conviction that freedom of thought and expression is the bedrock principle on which university activity is based
- the cultivation of an attitude toward citizenship that fosters a caring, supportive atmosphere on campus and the wise exercise of civic responsibilities and individual judgment throughout life
- a continuing commitment to affordable public higher education

Inspiration and Discovery

Generations of leaders and citizens have studied at the University of Oregon since it opened in 1876. Today's students, like the 200,000 alumni before them, have access to the most current knowledge in lectures, laboratories, and seminars conducted by active researchers. By sharing their research through teaching, faculty members are better able to articulate their findings and to integrate their specialized studies with broader areas of knowledge.

University of Oregon students select courses from departments and programs in the College of Arts and Sciences and from six professional schools and colleges and the Robert Donald Clark Honors College. Some 1,364 full-time faculty members, 48 full-time librarians, and 1,502 graduate and research assistants serve as mentors, colleagues, and friends to the 24,181 undergraduate and graduate students enrolled at the university.

Although most students are from Oregon, 35 percent are from other states and 13 percent are from other countries. The mix of backgrounds gives students a chance to know people they might not meet otherwise—a real asset in a world where national and international relations influence everyday life.

Teaching, research, and a spirit of sharing are characteristics of the campus community. Faculty members and students engage in research programs that bring to the university approximately $110.3 million in competitive research awards. The university's science departments receive national attention for their work in such areas as computer science, genetics, materials, optics, and neuroscience. Fifteen faculty members belong to the prestigious American Academy of Arts and Sciences, and seven (plus one foreign associate) have been elected to the National Academy of Sciences.

Connection to Community

The sharing of knowledge and the love of learning do not stop at the campus borders. Public service is important to the university.

Members of the UO faculty share their experience and knowledge in community activities that include service in local and state governments. They also serve as consultants for businesses, industries, school districts, and government agencies. Students work as interns in a variety of educational programs in the community and volunteer for service activities.

University programs that serve the public include Academic Extension, which offers for-credit and noncredit activities throughout the state. Planning and technical assistance from the Community Service Center helps Oregon communities solve local problems and improve the quality of life in rural Oregon. For more than four decades, the Oregon Bach Festival has offered an annual program of concerts and master classes to music lovers in the Pacific Northwest. The UO's classical music radio station, KWAX-FM, is an affiliate of the Public Radio International Classical 24. KWAX programs are rebroadcast on translators in several coastal and central Oregon communities and cybercasts entertain listeners around the world.

The university's presence is evident at its off-campus facilities—Pine Mountain Observatory in central Oregon near Bend—and its academic programs in Portland and at the coastal Oregon Institute of Marine Biology in Charleston. Access is enabled through several online and hybrid programs.

The university is one of the largest and most stable employers in the state, directly employing 10,292 people. Overall, University of Oregon activity affects more than $790 million in household earnings and 24,500 jobs in the state.

The Campus Experience

The university's 295-acre campus is an arboretum of more than 4,000 trees of approximately 500 species. Campus buildings date from 1876, when Deady Hall opened, to the present, with the new Cheryl Ramberg

Ford and Allyn Ford Alumni Center, Matthew Knight Arena, John E. Jaqua Academic Center for Student Athletes, Global Scholars Hall, and Robert and Beverly Lewis Integrative Science Building.

The Museum of Natural and Cultural History is located at East 15th Avenue and Columbia Street. Across campus, the Jordan Schnitzer Museum of Art, a member of the American Association of Museums, is noted for its collections of Asian and Northwest art.

The UO Libraries, a member of the Association of Research Libraries, is an important research facility for scholars throughout the Northwest. The free Oregon Card Program allows Oregon residents who are sixteen or older to borrow from the libraries' three-million-volume collection.

Campus athletic facilities include the 54,000-seat Autzen Stadium, the Len Casanova Athletic Center, Ed Moshofsky Sports Center, Papé Field, Howe Field, Hayward Field's all-weather track, the Bowerman Family Building, the Student Recreation Center, the Matthew Knight Arena, and open-air and covered tennis courts.

Student-guided tours of the university are available Monday through Friday. Tours may be arranged by calling 541-346-3014. Campus maps and pamphlets describing university programs, answers to questions about services and office locations, and general information about the university are available at the campus visits desk in the lobby of Oregon Hall.

The university's website has daily news updates and information about programs and events:www.uoregon.edu.

Equal Opportunity

The University of Oregon affirms and actively promotes the right of all individuals to equal opportunity in education and employment at this institution without regard to race, color, sex, national origin, age, religion, marital status, disability, veteran status, sexual orientation, gender identity, gender expression, or any other consideration not directly and substantively related to effective performance. This policy implements all applicable federal, state, and local laws, regulations, and executive orders.

The director of the Office of Affirmative Action and Equal Opportunity serves as the university's Title IX officer.

Direct related inquiries to the Office of Affirmative Action and Equal Opportunity, 677 E. 12th Ave., Suite 452, 5221 University of Oregon, Eugene, Oregon 97403-5221; telephone 541-346-3123.

Accreditation

The University of Oregon was elected to membership in the Association of American Universities in 1969. The university is accredited by the Northwest Commission on Colleges and Universities and is a member of the Western Interstate Commission for Higher Education. Individual programs in the university's professional schools and colleges are accredited by the following organizations:

- Accrediting Council on Education in Journalism and Mass Communications
- American Assembly of Collegiate Schools of Business
- American Association of Museums
- American Bar Association
- American Chemical Society
- American Psychological Association, 750 First Street NE, Washington, D.C. 20002-4242, 202-336-5979
- American Society of Landscape Architects
- American Speech-Language-Hearing Association
- Commission on Accreditation for Marriage and Family Therapy Education
- Commission on English Language Program Accreditation
- Council for Exceptional Children
- Foundation for Interior Design Education Research
- National Architectural Accrediting Board
- National Association of School Psychologists
- National Association of Schools of Music
- National Association of Schools of Public Affairs and Administration
- National Athletic Trainers Association
- Planning Accreditation Board
- Teacher Standards and Practices Commission

University of Oregon Board of Trustees

The University of Oregon is an independent public body governed by the Board of Trustees of the University of Oregon. The trustees have broad authority to supervise and manage the university and may exercise all of the powers, rights, duties, and privileges expressly granted by law or that are incident to the board's powers, rights, duties, and privileges. Except for the university president, who is an ex officio, nonvoting member, the trustees are appointed by the governor and confirmed by the Oregon Senate.

The names of the members follow. The expiration date for each term is June 30 of the year shown.

- Chuck Lillis, PhD '72, board chair, 2017
- Ginevra Ralph '83, MA '85, board vice chair, 2015
- Connie Ballmer '84, 2015
- Peter Bragdon, 2017
- Rodolfo "Rudy" Chapa '81, 2017
- Andrew Colas '04, 2017
- Ann Curry '78, 2015
- Sam Dotters-Katz '09, student, 2015
- Allyn Ford, 2017
- Susan Gary, faculty member, 2015
- Joseph Gonyea III, 2017
- Michael Gottfredson, ex officio
- Ross Kari '80, MBA '83, 2015
- Mary Wilcox '76, JD '80, 2015
- Kurt Willcox, MA '81, nonfaculty staff member, 2015

This publication will be made available in accessible formats upon request. Call Marketing Communications–Design and Editing Services, 541-346-5396.

Reader's Guide to the Catalog

Organization

The University of Oregon's largest academic units are its colleges and professional schools. Each consists of smaller units called departments or programs. The academic year is divided into three terms (fall, winter, spring) and one summer session.

Where to Find It

This catalog has four sections. The first section contains information about admission, registration, academic policies, undergraduate degree requirements, tuition and fees, financial aid and scholarships, employment, and academic and career planning. The second section outlines the majors, minors, and specializations defining the degrees and certificates that may be earned at the University of Oregon, as well as the array of general-education courses available that make up the foundational requirements of those degrees. The third (or curriculum) section describes all the university's academic programs in detail: faculty members, degree and nondegree programs, and course listings. This section includes the College of Arts and Sciences, the honors college, the six professional schools and colleges, the Graduate School and graduate studies information, and ends with a review of undergraduate studies and supplemental academic programs. The final section contains information on academic resources and student services, physical education and recreation, and the academic calendar.

Definitions

The academic terms defined in the following list are used throughout this catalog.

Certificate. A formal document that recognizes academic achievement in a specific discipline—only as an adjunct to an undergraduate degree program and either as an adjunct to or separate from agraduate degree program, and only for students in an admitted status. Stand-alone noncredit certificates are offered through Academic Extension to all students.

Colloquium. An academic meeting or assembly for discussion, sometimes led by a different lecturer speaking on a different topic at each meeting; a seminar with consultation, report, and exchange.

Competency. A specific skill in a specific area.

Corequisite. A course or other educational requirement that must be completed simultaneously with another course.

Course. A subject, or an instructional subdivision of a subject, offered through part of a term, a whole term, or over several terms. Each course is assigned a course level. Courses numbered 100–499 are undergraduate courses; 100–299 are lower division, and 300–499 are upper division. Courses numbered 500 and above are graduate or professional.

1 credit. Represents approximately three hours of the student's time each week for one term in a lower-division undergraduate course. This frequently means a minimum of one hour in the lecture hall or laboratory in addition to two hours spent in outside preparation. The number of lecture, recitation, laboratory, or other periods required each week for a course is listed in each term's class schedule.

Curriculum. An organized program of study arranged to provide integrated cultural or professional education.

Discipline. A branch of learning or field of study (e.g., mathematics, history, psychology).

Dissertation or Thesis. A written document resulting from study or research and submitted as a major requirement for a degree.

Electives. Courses that students may choose to take, as contrasted with courses that are required for an academic program.

Endorsement. An affirmation of teaching competency by the Teacher Standards and Practices Commission.

Experimental course. A course under development that has not received formal acceptance to the curriculum. Subject matter, instructional materials, and activities are evaluated for effectiveness and long-term value to the discipline. *Experimental courses may not be used to clear general-education requirements.*

Field studies. A series of practical experiences on or off campus to understand principles or develop skills in performing selected tasks.

Generic courses. Courses numbered 100, 300, 196, 198, 199, 399–410, 503–510, 601–610, and 704–710, for which credit is variable and which may be repeated for credit. Instructor's permission is often required for registration.

Grade point average (GPA). The GPA is determined by dividing total points for all letter grades—A+ through F—by total credits.

Grading option. Unless specified otherwise, nonmajors may take courses either graded (A+ through F) or pass/no pass (P/N). The online class schedule identifies courses for which majors are limited to a particular grading option.

Graduate specialization. A subdivision of a graduate major or an interdisciplinary track in which a strong graduate-level curriculum is available. For more details, visit gradschool.uoregon.edu/policies-procedures/graduate-specialization.

Group-satisfying course. A course that counts toward partial fulfillment of bachelor's degree requirements in one of the three general-education groups: arts and letters, social science, science.

Interdisciplinary or multidisciplinary. A course of study from two or more academic disciplines.

Internship. Unpaid professional practice in an organization that integrates concepts studied at the university with career-related work experience.

License. See Endorsement.

Major. A primary undergraduate or graduate field of specialized study.

Minor. A secondary undergraduate field of specialized study.

Multilisted course. A single course that is listed under more than one subject code; course numbers end with the letter M.

Multicultural course. A course that counts toward partial fulfillment of bachelor's degree requirements in one of three categories: American cultures; identity, pluralism, and tolerance; international cultures.

Option. A subarea of specialized study within an undergraduate or graduate major or undergraduate minor.

Preparatory programs. Undergraduate courses of study taken in preparation for professional or graduate degrees.

Prerequisite. A course or other educational requirement that must be completed prior to registering for another course or before proceeding to more advanced study.

Practicum. A series of clinical experiences under academic supervision designed to integrate theory and principles with practice.

Reading and conference. A particular selection of material read by a student and discussed in conference with a faculty member.

Repeatable for credit. Only courses designated"repeatable" may be repeated for credit. Except for generic, studio, or performance courses, the circumstances under which a course may be repeated for credit are restricted.

Research. Disciplined inquiry of a topic with varying techniques and assignments suited to the nature and conditions of the problem being investigated. Often pursued in relation to a dissertation or thesis.

Residence credit. Academic work completed while the student is formally admitted and officially registered at the University of Oregon; this includes courses taken in UO study abroad programs.

Semester. One-half the academic year (sixteen weeks), applicable only to the UO School of Law.

1 semester credit. One semester credit equals one and one-half quarter (or term) credits.

Seminar. A small group of students studying a subject with a faculty member. Although practices vary, students may do original research and exchange results through informal lectures, reports, and discussions.

Sequence. Two or three closely related courses that must be taken in specified order.

Series. Two or more closely related courses that may be taken in any order.

Special studies. A lower-division colloquium or experimental course, often taken concurrently with another course as a satellite seminar.

Subject code. An abbreviation used with a course number to indicate an academic subject area. See the list of subject codes in this section of the catalog.

Supervised college teaching. A student, under faculty supervision and sponsorship, accepts responsibility for teaching a university course.

Supervised tutoring. A student, under faculty supervision, accepts responsibility for tutoring other students within the discipline.

Temporary multilisted course. Courses numbered 200M, 400M, 500M, and 600M, which may be offered once without formal approval.

Term. Approximately one-third of the academic year (eleven weeks), either fall, winter, or spring.

Terminal project. A presentation incorporating the knowledge and skills acquired from course work completed for the master's degree.

Waive. To set aside without credit certain requirements for a degree or major.

Workshop. An intensive experience, limited in scope and time, in which a group of students focus on skills development rather than content mastery.

Courses

Abbreviations

The following abbreviations are used in course descriptions:

- **Coreq**: corequisite
- **H**: honors content of significant difficulty
- **M**: multilisted courses
- **Prereq**: prerequisite
- **R**: repeatable for credit

Sample Course Listings

The following examples are from Biology (BI):

BI 122. *[BI lower-division course number]* **Introduction to Human Genetics.** *[course title]* **4 credits.** *[course credits]* Basic concepts of genetics as they relate to humans. Blood groups, transplantation and immune reaction, prenatal effects, the biology of twinning, selection in humans, and sociological implications. Lectures, discussions. *[course description]*

BI 523. *[BI graduate course number]* **Human Molecular Genetics.** *[course title]* **4 credits.** *[course credits]* Advanced topics in genetics that relate to human development and disease. The human genome, sex determination, X-chromosome inactivation, chromosomal abnormalities, trinucleotide repeat expansions, cancer. *[course description]* Prereq: BI 320. *[course prerequisite]*

BI 607. *[BI graduate-only course number]* **Seminar: [Topic].** *[course title]* **1–3 credits.** *[course credit range]* Topics may include neurobiology, developmental biology, ecology colloquium, genetics, molecular biology, and neuroscience. *[course description]* Repeatable. *[repeatable for credit indicator]*

Subject Codes

The following subject codes are used at the University of Oregon. They appear in University of Oregon catalogs and class schedules, on student schedules, degree audits, transfer articulation reports, and transcripts.

- **AA** Allied Arts (Portland)
- **AAA** Architecture and Allied Arts
- **AAAP** Architecture and Allied Arts: Historic Preservation
- **AAD** Arts and Administration
- **ACTG** Accounting
- **AEIS** Academic English for International Students
- **AFR** African Studies
- **AIM** Applied Information Management
- **ANTH** Anthropology

- **ARB** Arabic
- **ARCH** Architecture
- **ARH** Art History
- **ART** General Art
- **ARTC** Art: Ceramics
- **ARTD** Art: Digital Arts
- **ARTF** Art: Fibers
- **ARTM** Art: Metalsmithing and Jewelry
- **ARTO** Art: Photography
- **ARTP** Art: Painting
- **ARTR** Art: Printmaking
- **ARTS** Art: Sculpture
- **ASIA** Asian Studies
- **ASL** American Sign Language
- **ASTR** Astronomy
- **BA** Business Administration
- **BE** Business Environment
- **BI** Biology
- **CAS** College Scholars Colloquium
- **CDS** Communication Disorders and Sciences
- **CFT** Couples and Family Therapy
- **CH** Chemistry
- **CHN** Chinese
- **CINE** Cinema Studies
- **CIS** Computer and Information Science
- **CIT** Computer Information Technology
- **CLAS** Classics
- **COLT** Comparative Literature
- **CPSY** Counseling Psychology
- **CRES** Conflict and Dispute Resolution
- **CRWR** Creative Writing
- **DAN** Professional Dance
- **DANC I**ntroductory Dance
- **DANE** Danish
- **EALL** East Asian Languages and Literatures
- **EC** Economics
- **EDLD** Educational Leadership
- **EDST** Education Studies
- **EDUC** Education
- **ENG** English
- **ENVS** Environmental Studies
- **ES** Ethnic Studies
- **EURO** European Studies
- **FHS** Family and Human Services
- **FIN** Finance
- **FINN** Finnish
- **FLR** Folklore
- **FR** French
- **GEOG** Geography
- **GEOL** Geological Sciences
- **GER** German
- **GRK** Greek
- **HC** Honors College
- **HIST** History
- **HPHY** Human Physiology
- **HUM** Humanities
- **IARC** Interior Architecture
- **INTL** International Studies
- **IST** Interdisciplinary Studies
- **ITAL** Italian
- **J** Journalism
- **JDST** Judaic Studies
- **JPN** Japanese
- **KRN** Korean
- **LA** Landscape Architecture
- **LAS** Latin American Studies
- **LAT** Latin
- **LAW** Law
- **LERC** Labor Education and Research Center
- **LIB** Library
- **LING** Linguistics
- **LT** Language Teaching
- **MATH** Mathematics
- **MDVL** Medieval Studies
- **MGMT** Management
- **MIL** Military Science
- **MKTG** Marketing
- **MUE** Music Education
- **MUJ** Music: Jazz Studies
- **MUP** Music Performance
- **MUS** Music
- **NORW** Norwegian
- **OLIS** Oregon Leadership in Sustainability
- **OAKI** Overseas Studies: Akita International University, Japan
- **OANG** Overseas Studies: Angers, France
- **OANU** Overseas Studies: Canberra, Australian National University [Australia]
- **OATH** Overseas Studies: Athens, Greece
- **OBA** Operations and Business Analytics
- **OBEI** Overseas Studies: Beijing, Central Institute for Nationalities [China]
- **OBER** Overseas Studies: Bergen, University of Bergen [Norway]
- **OBIK** Overseas Studies: Sustainable Bicycle Transportation Field Seminar, Europe
- **OBLN** Overseas Studies: Berlin, Germany
- **OBRI** Overseas Studies: Bristol, Bristol University [England]
- **OBRT** Overseas Studies: London Theatre Arts, England
- **OBWU** Overseas Studies: Baden-Württemberg, Universities in Baden-Württemberg [Germany]
- **OCAM** Overseas Studies: Cambridge International Summer School, England
- **OCBS** Overseas Studies: Copenhagen Business School, Denmark
- **OCFP** Overseas Studies: Chinese Flagship Program
- **OCIE** Overseas Studies: Council for International Educational Exchange

- **OCRO** Overseas Studies: Croatia Conservation Field School
- **OCUB** Overseas Studies: Havana, Cuba
- **OCUR** Overseas Studies: Perth, Curtin University [Australia]
- **ODEA** Overseas Studies: Deakin University, Australia
- **ODIS** Overseas Studies: Copenhagen, Danish Institute for Study Abroad [Denmark]
- **ODUB** Overseas Studies: Dublin, Ireland
- **OESL** Overseas Studies: English Spring, London, England
- **OEWH** Overseas Studies: Seoul, Ewha Womans University [Korea]
- **OFES** Overseas Studies: Fes, Morocco
- **OFIB** Overseas Studies: Florence, Italy
- **OGAL** Overseas Studies: Galway, Ireland
- **OGBS** Overseas Studies: Global Business, Shanghai, China
- **OGHA** Overseas Studies: Journalism Program, Accra, Ghana
- **OHAR** Overseas Studies: Harbin, China
- **OHAU** Overseas Studies: Seoul, Hanyang University [South Korea]
- **OHKU** Overseas Studies: University of Hong Kong, Hong Kong
- **OHOU** Overseas Studies: Sapporo, Hokkaido University [Japan]
- **OHUJ** Overseas Studies: Jerusalem, Hebrew University of Jerusalem [Israel]
- **OINT** Overseas Studies: Internship program
- **OJCU** Overseas Studies: James Cook University, Australia
- **OJIL** Overseas Studies: Journalism in London, England
- **OJWU** Overseas Studies: Tokyo, Japan Women's University [Japan]
- **OKYO** Overseas Studies: Kyoto, Landscape Architecture [Japan]
- **OLAT** Overseas Studies: Melbourne, La Trobe University [Australia]
- **OLEC** Overseas Studies: Lecce, Italy
- **OLEI** Overseas Studies: Leicester, University of Leicester [England]
- **OLON** Overseas Studies: London, British Studies [England]
- **OLYO** Overseas Studies: Lyon, Universities in Lyon (I,II,III and Catholic Faculties) [France]
- **OMBI** Overseas Studies: Marine Biology in Panama
- **OMEI** Overseas Studies: Tokyo, Meiji University [Japan]
- **OMKT** Overseas Studies: Marketing in Sienna [Italy]
- **ONEO** Overseas Studies: Neotropical Ecology, Ecuador
- **ONTU** Overseas Studies: Taipei, National Taiwan University [Taiwan]
- **ONUS** Overseas Studies: National University of Singapore, Singapore
- **OOVI** Overseas Studies: Oviedo, Spain
- **OPAV** Overseas Studies: Pavia, University of Pavia [Italy]
- **OPAY** Overseas Studies: Chiang Mai, Payap University [Thailand]
- **OPOI** Overseas Studies: Poitiers, University of Poitiers [France]
- **OQUE** Overseas Studies: Querétaro, Mexico
- **OQUI** Overseas Studies: Quito, Universidad San Francisco de Quito [Ecuador]
- **OROM** Overseas Studies: Rome, Italy
- **OROS** Overseas Studies: Rosario, Argentina
- **OSAS** Overseas Studies: Semester at Sea
- **OSCI** Overseas Studies: Sciences Po, France [Paris Institute of Political Studies]
- **OSEG** Overseas Studies: Segovia, Spain
- **OSEN** Overseas Studies: Tokyo, Senshu University [Japan]
- **OSIE** Overseas Studies: Siena, Italy
- **OSIP** Overseas Studies: Baden-Württemberg, Spring Intensive Program [Germany]
- **OSIT** Overseas Studies: School for International Training
- **OSLO** Overseas Studies: Oslo, University of Oslo [Norway]
- **OSSP** Overseas Studies: Dakar, Senegal
- **OTAM** Overseas Studies: Tampere, University of Tampere [Finland]
- **OTSP** Overseas Studies: Trans-Atlantic Science Student Exchange Program (TASSEP)
- **OUAB** Overseas Studies: Aberdeen, University of Aberdeen [Scotland]
- **OUDB** Overseas Studies: Barcelona, Spain
- **OUDL** Overseas Studies: Puebla, Universidad de las Américas [Mexico]
- **OUEA** Overseas Studies: Norwich, University of East Anglia [England]
- **OUNA** Overseas Studies: Mexico City, UNAM [Mexico]
- **OUOT** Overseas Studies: Dunedin, University of Otago [New Zealand]
- **OUPP** Overseas Studies: Uppsala, University of Uppsala [Sweden]
- **OVAN** Overseas Studies: Vancouver, Canada
- **OVIC** Overseas Studies: Vicenza, Italy
- **OVIE** Overseas Studies: Vienna, Austria
- **OVLC** Overseas Studies: Advanced Spanish Literature and Culture [Spain]
- **OWAS** Overseas Studies: Tokyo, Waseda University [Japan]
- **OXAF** Overseas Experimental Program: Africa
- **OXAO** Overseas Experimental Program: Asia and Oceania
- **OXEU** Overseas Experimental Program: Europe
- **OXLA** Overseas Experimental Program: Latin American
- **OXME** Overseas Experimental Program: Middle East
- **OYON** Overseas Studies: Seoul, Yonsei University [Korea]
- **PD** Product Design
- **PEAQ** Physical Education: Aquatics
- **PEAS** Physical Education: Aquatics SCUBA
- **PEC** Physical Education: Certification
- **PEF** Physical Education: Fitness
- **PEI** Physical Education: Individual Activities
- **PEIA** Physical Education: Intercollegiate Athletics
- **PEL** Physical Education: Leadership
- **PEMA** Physical Education: Martial Arts
- **PEMB** Physical Education: Mind-Body
- **PEO** Physical Education: Outdoor Pursuits
- **PERS** Physical Education: Racquet Sports
- **PERU** Physical Education: Running
- **PETS** Physical Education: Team Sports
- **PEW** Physical Education: Weight Training
- **PHIL** Philosophy
- **PHYS** Physics
- **PORT** Portuguese
- **PPPM** Planning, Public Policy and Management
- **PS** Political Science
- **PSY** Psychology
- **REES** Russian, East European, and Eurasian Studies

- **REL** Religious Studies
- **RL** Romance Languages
- **RUSS** Russian
- **SAPP** Substance Abuse Prevention Program
- **SBUS** Sports Business
- **SCAN** Scandinavian
- **SOC** Sociology
- **SPAN** Spanish
- **SPD** Sports Product Design
- **SPED** Special Education
- **SPSY** School Psychology
- **SWAH** Swahili
- **SWED** Swedish
- **TA** Theater Arts
- **TLC** University Teaching and Learning Center
- **UGST** Undergraduate Studies
- **WGS** Women's and Gender Studies
- **WR** Expository Writing

Course Numbering System

Except at the 500 and 600 levels, courses in University of Oregon catalogs are numbered in accordance with the course-numbering plan of the schools in the Oregon University System. Institutions vary in their treatment of 500- and 600-level courses.

1–99

Remedial, terminal, semiprofessional, or noncredit courses that do not apply to degree requirements

100–299

Lower-division (freshman- and sophomore-level) courses

300–499

Upper-division (junior- and senior-level) courses

500–599

Courses that offer graduate-level work in classes that include undergraduate students

600–699

Courses for graduate students only

700–799

Except in the School of Music and Dance, professional or technical courses that apply toward professional degrees but not toward advanced academic degrees such as the MA, MS, or PhD. Both 600 and 700 numbers in the School of Music and Dance indicate graduate courses only.

Temporary Multilisted andGroup-Satisfying Courses

100

Temporary lower-division group-satisfying course

200M

Temporary lower-division multilisted course

298

Temporary lower-division group-satisfying course

300

Temporary upper-division group-satisfying course

400M

Temporary upper-division multilisted course

500M

Temporary graduate-level multilisted course

600M

Temporary graduate-level multilisted course

Generic Courses

Certain numbers are reserved for generic courses that may be repeated for credit under the same number. Except in the School of Law, courses numbered 503, 601, and 603 are offered pass/no pass only.

Credit is assigned according to the work load in a particular course. Credit ranges indicate minimum and maximum credits available in a single course for a single term, and departments determine their own credit ranges.

196 Field Studies: [Topic]

198 Workshop: [Topic] or **Laboratory Projects: [Topic]** or **Colloquium: [Topic]**

199 Special Studies: [Topic]

399 Special Studies: [Topic]

401 Research: [Topic]

402 Supervised College Teaching

403 Thesis

404 Internship: [Topic]

405 Reading and Conference: [Topic]

406 Field Studies: [Topic] or **Special Problems: [Topic]**

407/507 Seminar: [Topic]

408/508 Workshop: [Topic] or **Laboratory Projects: [Topic] or Colloquium: [Topic]**

409 Practicum: [Topic] or **Supervised Tutoring**

410/510 Experimental Course: [Topic]

503 Thesis

601 Research: [Topic]

602 Supervised College Teaching

603 Dissertation

604, 704 Internship: [Topic]

605, 705 Reading and Conference: [Topic]

606, 706 Field Studies: [Topic] or **Special Problems: [Topic]**

607, 707 Seminar: [Topic]

608, 708 Workshop: [Topic] or **Special Topics: [Topic] or Colloquium: [Topic]**

609, 709 Practicum: [Topic] or **Supervised Tutoring or Terminal Project**

610, 710 Experimental Course: [Topic]

Catalog Expiration and Requirements Policies

The *University of Oregon Catalog* lists requirements for active degrees offered by the university.

Each catalog goes into effect at the beginning of fall term the academic year of issue. It expires at the end of summer session the seventh academic year after publication.

Advisors and other university employees are available to help, but students have final responsibility for satisfying degree requirements for graduation.

Undergraduate Students

To receive an undergraduate degree, a student must have satisfied, at the time of graduation, all requirements for the degree listed in one of the following:

1. the unexpired catalog in effect when the student was first admitted and enrolled at the University of Oregon, ***or***
2. any subsequent catalog that has not yet expired

To fulfill major or minor program requirements, a student must complete the requirements in effect

1. when the student first declared the major or minor, ***or***
2. when the student changed to a different major or minor

Exceptions to major or minor requirements may be made by the department or program offering the major or minor.

Graduate Students

To receive a graduate degree, a continuously enrolled student must have completed, at the time of graduation, all requirements described in the department and **Graduate School** sections of the catalog in effect when the student was first admitted and enrolled at the University of Oregon. A student who has not maintained continuous enrollment is subject to the requirements described in the department and **Graduate School** sections of the catalog in effect the first term the student was readmitted by the Graduate School and reenrolled at the University of Oregon.

Requests for exceptions to graduate degree requirements must be submitted in writing to the Graduate School prior to graduation.

While every effort is made to ensure the accuracy of the information in this catalog, the University of Oregonhasthe right to make changes at any time without prior notice. This catalog is not a contract between the University of Oregon and current or prospective students.

From Admission to Graduation

This section of the catalog holds basic information for prospective students on how to apply to the University of Oregon, choose a major, register for courses, and apply for scholarships, grants, and financial aid, in addition to outlining and explaining their rights and responsibilities.

Admissions

Jim Rawlins, Director, Office of Admissions
541-346-3201
541-346-5815 fax
240 Oregon Hall

Admission requirements apply to all students seeking to enroll at the University of Oregon.

Application Deadlines for Fall 2016

Student Classification	Enrollment Deadline
Freshman, early action	November 1, 2015
Freshman, standard notification	January 15, 2016
University scholarship	January 15, 2016
Transfer scholarship	February 15, 2016
Transfer, early notification	March 15, 2016
International freshman	January 15, 2016
Transfer, standard notification	May 15, 2016
International transfer	May 15, 2016
Postbaccalaureate nongraduate or graduate	Thirty days before the start of the term
Graduate	Set by individual departments
Graduate and undergraduate reenrollment	April 20, 2016

Departmental Application Deadlines

The following majors require a separate application in addition to the university application and have strictly enforced deadlines for admission. Students who plan to enter the university as majors in architecture, art, interior architecture, landscape architecture, product design, or music should be aware of the special admission requirements and the application deadlines (given below). Details are in the departmental sections of this catalog.

Major	Department Application Deadline
Architecture, Interior Architecture, Landscape Architecture, Music, Product Design	January 15, 2016
Art, Digital Arts	February 1, 2016

Music majors audition for placement and take a musicianship examination scheduled on several dates throughout the spring.

Application Deadlines for Winter–Summer 2016

Student Classification	Enrollment Deadline
	Winter 2014 Enrollment
All classifications	October 15, 2015
	Spring 2016 Enrollment
All classifications	February 1, 2016
	Summer 2016 Enrollment
Postbaccalaureate nongraduate or graduate	April 15, 2016
Freshman	March 1, 2016
Transfer	April 15, 2016
Graduate	April 15, 2016
International	March 15, 2016

Freshman Admission

Standard Admission Process

Through the standard admission process, applications are evaluated based on the following criteria:

- Strength of academic course work
- Grades earned
- Grade trends, especially in junior and senior year of high school
- Standardized test scores
- Senior-year course load
- Writing skill, personal characteristics, and special circumstances as shared in the various written and narrative sections of the application
- Extracurricular activities, including community service and employment
- Ability to enhance the diversity of the university community
- Special talents

Application Procedure

Freshman applicants must submit the following to the Office of Admissions:

- Completed application for admission, including essays and activities, and a nonrefundable application fee, by the standard application deadline
- Official high school transcript reflecting grades through at least the end of the junior year
- Official test scores, either SAT or ACT

Standard Admission Requirements

Graduation from a Standard or Regionally Accredited High School

Applicants who graduate from a nonaccredited high school, were homeschooled, or earned a general equivalency diploma (GED) must meet the alternative admission requirements listed below.

Completion of Required Course Work

Applicants must satisfactorily complete the following high school course work. To meet minimum admission requirements, applicants must complete fifteen units in the core areas listed below with a grade of C– or

better in each course. These requirements may be in progress at the time of application, provided they are complete by the time the student enrolls at Oregon.

- **English—four years.** All four years should be in preparatory composition and literature, with emphasis on and frequent practice in writing expository prose
- **Mathematics—three years.** Must include first-year algebra and two additional years of college-preparatory mathematics. An advanced mathematics course is highly recommended in the senior year. Algebra and geometry taken prior to ninth grade are acceptable. Regardless of the pattern of mathematics courses or the number of years of mathematics taken, the mathematics course work must include Algebra II (or equivalent) or higher
- **Science—three years.** Must include a year each in two fields of college-preparatory science such as biology, chemistry, physics, or earth and physical science. One year of laboratory science is recommended
- **Social studies—three years.** May include areas such as global studies, history, or social studies electives
- **Second-language proficiency.** Demonstrate with one of the following:
  - Two years of the same second language in high school
  - Two college terms of the same second language
  - Proficiency test (e.g., SAT Subject Test or BYU Foreign Language Assessment)
  - Other options for meeting the second-language requirement, including American Sign Language

  Exceptions to this requirement are only considered for students graduating from high schools that do not offer two years of any second language.

College work may be used to complete courses missed in high school. A one-term transferable college course of at least 3 credits (quarter system) is equal to one year of high school work. Applicants are strongly encouraged to contact the UO Office of Admissions to verify that the courses completed will satisfy course pattern deficiencies.

An examination in a second language is strongly recommended to qualify a student for admission by meeting the second-language proficiency requirements. Students who do not take an SAT Subject Test in a second language must prove language proficiency through another approved process.

The UO offers tentative admission based on sixth- or seventh-semester transcripts and planned senior schedule. Final admission is granted only after the Office of Admissions has received transcripts verifying successful completion of all admission requirements and graduation. If an applicant does not complete a course that was in progress at the time of application or admission, or completes it with a low grade, the offer of admission may be withdrawn by the university.

Earning a GPA of 3.00 or Better on a 4.00 Scale

If the applicant's GPA is below 3.00 on a 4.00 scale, a sliding scale of grades and test scores will be used to establish alternative eligibility. Contact the admissions office for more details.

Submission of Scores from Standardized Tests

The University of Oregon accepts scores for the SAT Reasoning Test or ACT (with the optional writing component) when reported on official high school transcripts, reported by the high school counselor on the paper UO Application for Undergraduate Admission, or submitted to the Office of Admissions directly from the testing service. Test scores for applicants planning to participate in intercollegiate athletics must be received directly from the testing service.

When taking the test, applicants should list the University of Oregon as a score recipient. The school code number to use for the SAT Reasoning Test is 4846; the code for the ACT is 3498.

Consideration of Narratives and Essays

Most applicants are required to submit an essay that serves as a personal statement, not only showing writing ability but giving insights into the applicant's personal characteristics. Students are also offered a chance to write on a second specified topic in a second, optional essay.

Consideration of Activities, Work, and Accomplishments

Most applicants are required to share three examples of their activities outside the classroom. Students choose a variety of ways to be involved in activities—lead, volunteer, intern, hold jobs, and achieve special recognition. No type of activity will be valued more highly than another, so students should consider anything they have done as a possibility to share and discuss. However, applicants are limited to only three such activities, because the selection process does not reward sheer volume of activity. Instead, the university seeks to use this information to better understand who the applicant is, and to learn more about their most treasured interests and accomplishments.

Explanation of Special Circumstances (optional)

Applicants whose high school or college performance was affected by any serious illness, diagnosed disability, personal difficulties, or family circumstances should provide a statement to summarize their situation. Dates should be included when applicable. Applicants with D or F grades, especially those grades that make them fall short of course requirements, are strongly encouraged to address the reasons for these grades in this section.

Alternative Admission

The requirements for standard admission confer no guarantees of admission, and applicants who meet them may or may not be admitted due to the selective, holistic process that takes many academic and personal factors into consideration. Also, students who do not meet these requirements will still be considered for admission. Students who fall short of the standard requirements in any way should never let that deter them from applying; they are strongly encouraged to contact the UO Office of Admissions for further guidance and additional requirements. Students from homeschool settings and those who attend nonaccredited schools may be required to submit additional test scores. Students who fall short of core subject requirements or fall below a 3.00 GPA are encouraged to explain the reasons for their situation in the application.

Premajor Status

The departments listed below admit new students only as premajors. A premajor student is eligible to take advantage of the department's advising services and, in most cases, complete lower-division course work required for the major. Each department screens enrolled premajor students who have completed some university study and decides if they may advance to major status. Professional schools and arts and sciences departments or programs with premajor admission requirements are the College of Education; Lundquist College of Business; School

of Journalism and Communication; marine biology; mathematics and computer science; and planning, public policy and management.

Transfer Admission

For applicants who have completed 35 or fewer quarter credits (or 23 or fewer semester credits) by the time of expected enrollment at Oregon, admission will be based on both freshman and transfer admission requirements.

For applicants who have completed 36 or more quarter credits (or 24 or more semester credits) by the time of expected enrollment at Oregon, admission will be based only on the transfer admission requirements.

Course Requirements

A grade of C– or better is required in the following:

- College-level composition and writing
- College-level mathematics
- Second language: two years in high school or two terms in college

Applicants who will not have completed these courses should submit a letter of explanation or include an explanation in the special circumstances statement.

Required GPA

In college-transferable courses, the following cumulative GPAs are required for admission consideration:

- 2.25 for Oregon residents
- 2.50 for applicants without Oregon residency
- 2.00 for applicants, regardless of residency, who earn an associate of arts Oregon transfer (AAOT) degree from an Oregon community college,an associate of science Oregon transfer (ASOT) degree in business,or an Oregon Transfer Module (OTM) from any public two-year or four-year institution in Oregon

The University of Oregon may recalculate grades for purposes of establishing an admissions GPA. This means that an applicant's admission GPA is not identical to the one presented by the previous institution. These recalculations will be made in regard to transferability of credit, repeat policies, or limits on certain types of credit.

Second-Language Proficiency

Applicants who graduated from high school or earned a general equivalency diploma (GED) in spring 1997 or later must document second-language proficiency by submitting an official transcript or score report verifying one of the following:

- Two years of the same language in high school
- Two terms of the same language in college
- Proficiency test (e.g., SAT Subject Test or Brigham Young University Foreign Language Achievement Test)

Options for meeting the second language requirement, including American Sign Language, are available on the Office of Admissions (http://admissions.uoregon.edu/apply/secondlanguage.htm) website. Applicants admitted with an exception to this requirement are required to complete two college terms of the same language before graduating from the University of Oregon.

Additional Considerations

When considering applicants who do not meet minimum admission requirements, the Office of Admissions considers additional factors such as whether the applicant holds an AAOT degree from an Oregon community college or associate of arts degree from select community colleges in other states; which of the applicant's completed courses fulfill university graduation requirements; the applicant's grade point average (GPA); and the applicant's grade trend throughout his or her academic history. Academic potential and special talents are also considered.

Application Procedure

Transfer applicants must submit the following to the Office of Admissions:

1. A completed application for admission and a nonrefundable $50 application fee
2. An official transcript from each college and university attended. It is a firm requirement that applicants submit transcripts from any previous institution where credit was attempted, regardless of the grades or amount of credit earned, and regardless of how or whether the applicant intends to apply these credits toward UO requirements. Applicants who omit record of previous work attempted will be denied admission, and admitted students for whom this omission is discovered can have their offer of admission revoked, even if it is after they have begun enrollment at Oregon

Transfer students may submit their applications up to six months before they plan to enroll at the university, but may be asked to provide updated transcripts before final decisions are reached. Applications and official transcripts should be received by the university by the deadlines listed above to allow time for a complete evaluation of the transferred credits.

Transfer of Credit

The amount of credit transferred depends on the nature of the applicant's college work, which is evaluated according to the academic requirements of the University of Oregon. Only college-level academic course work from regionally accredited two- and four-year colleges or universities will be considered for transfer. Up to 124 credits from accredited community or junior colleges, of which only 90 credits may be transferred from an international junior college, may be applied to the bachelor's degree.

See **Bachelor's Degree Requirements** (p. 22) for requirements that apply to new undergraduates.

Premajor Status

The departments listed below admit new students only as premajors. A premajor student is eligible to take advantage of the department's advising services and, in most cases, complete lower-division course work required for the major. Each department screens enrolled premajor students who have completed some university study and decides if they may advance to major status. Professional schools and arts and sciences departments or programs with premajor admission requirements are the College of Education; Lundquist College of Business; School of Journalism and Communication; marine biology; mathematics and computer science; and planning, public policy and management.

Dual Enrollment Program

The University of Oregon has dual-enrollment agreements with Lane Community College and Southwestern Oregon Community College. These programs provide students with the academic and administrative advantages of simultaneous enrollment in two institutions. More

information and applications for admission are available from the UO Office of Admissions and at either community college. No student can be in the dual enrollment program without first being successfully admitted to the University of Oregon.

International Admission

Applicants who are not United States citizens or permanent residents are considered for admission to the university as international students.

International applicants, whether freshman or transfer, may apply for admission fall, winter, and spring terms and summer session. The international freshman application deadline for fall term is January 15. The international transfer student application deadline for fall term is May 15. Applications received after the deadlines are considered on a space-available basis. See the admission requirements for individual countries (http://admissions.uoregon.edu/international/apply/requirements).

A GPA of 2.50 is required for undergraduates who want to transfer from another university or college.

English Proficiency. Students whose native language is not English must supply results of a standardized language-proficiency test. The University of Oregon currently accepts both the TOEFL and IELTS examinations for establishing profiency, as well as the SAT or ACT. To be considered for full admission without an English placement test upon arriving, applicants must score an 88 on the TOEFL iBT, or 6.5 in the IELTS. An applicant with at least a 61 TOEFL or 6.0 IELTS can be considered for full admission, and will take an English language placement test after arriving at the university. Placement test results determine whether students are required to take language support courses in the Academic English for International Students (AEIS) program. Students placed in AEIS courses also concurrently enroll in regular university credit courses.

Conditional admission. International applicants who do not meet the proficiency requirements above may be offered conditional admission if their academic record is otherwise strong for admission. Through the conditional admission program, the student can take courses through the Intensive English Program (IEP), then proceed to regular university credit courses once IEP requirements are satisfied.

More information about the American English Institute and AEIS and IEP courses may be found in the **Academic Resources** section of this catalog and on the institute's website (http://aei.uoregon.edu).

Application Procedure

International applicants for freshman or transfer admission must submit the following to the Office of Admissions:

1. A completed international application for admission and a nonrefundable application fee
2. Official transcripts of all schoolwork taken beyond the eighth year of school (i.e., the equivalent of the American secondary school grades nine, ten, eleven, and twelve, and for any college or university work). An official transcript is an original or a certified copy in a sealed envelope
3. An official test score report from one of the English proficiency tests described above
4. Proof of sufficient funds to pay one year's tuition and living expenses while at the University of Oregon, consisting of a bank statement or certificate of balance prepared within the last six months, or a scholarship letter. This proof is a requirement of the U.S. government

To obtain graduate application forms, applicants should write directly to the departments or schools in which they plan to study or visit the department's website. See Graduate Admission in this section of the catalog.

Specialized Admission Assistance

Assistance is available from the following offices:

- Office of Academic Advising, 364 Oregon Hall; call 541-346-3211
- Office of Admissions, 240 Oregon Hall; call 541-346-3201
- Center for Multicultural Academic Excellence, 164 Oregon Hall; call 541-346-3479

See also the **Undergraduate Studies** section of this catalog.

Graduate Admission

Students planning to earn graduate degrees at the university must be admitted to the Graduate School and the departments in which they plan to study. General admission requirements for the Graduate School are described in that section of this catalog. Each school and department in the university determines its specific requirements and application deadlines for graduate admission. For this reason, inquiries concerning graduate admission should be sent directly to the department or school of interest.

Postbaccalaureate Admission

Students who have earned a bachelor's degree and want to earn a second undergraduate degree, or to take additional work without entering a formal degree or certification program, may be admitted with postbaccalaureate nongraduate status. These students pay appropriate undergraduate fees. Applications and information are available from the Office of Admissions.

Notice to Nonresidents of the State of Oregon

Oregon Board of Higher Education Administrative Rules

These are the residency rules of the Board of Higher Education currently in effect.

580-010-0029

Definitions

For the purpose of OAR 580-010-0030 through 580-010-0045, the following words and phrases mean:

(1) "Domicile" is a person's true, fixed, and permanent home and place of habitation. It is the place where a person intends to remain and to which the person expects to return when the person leaves without intending to establish a new domicile elsewhere. In order to establish a domicile in Oregon, a person must maintain a predominant physical presence in Oregon for 12 consecutive months after moving to the state.

(2) A "financially independent person" is a person who, at the time of application for residency status:

(a) declares himself or herself to be financially independent;

(b) has not been claimed as a dependent during the immediately preceding tax year, and will not be claimed as a dependent during the current tax year, on the federal or state income tax returns of any other person; and

(c) has not received in the immediately preceding calendar year, and will not receive during the current calendar year, one-half or more of his or her support, in cash or in kind, from another person or persons, except for support received from his or her spouse.

(3) A "financially dependent person" is a person who, at the time of application for residency status:

(a) declares himself or herself to be financially dependent; and

(b) has been claimed as a dependent on the federal and state income tax returns of another person during the immediately preceding tax year.

580-010-0030
Determination of Residence

(1) For purposes of admission and instruction fee assessment, OUS institutions shall classify a student as an Oregon resident or nonresident. In determining resident or nonresident classification, the primary issue is a person's intent in coming to Oregon. Intent is inferred from a person's conduct and history as they relate to the requirements of these residency rules. If a person is in Oregon primarily for the purpose of obtaining an education, that person will be considered a nonresident. It is possible for an individual to qualify as a resident of Oregon for purposes of voting or obtaining an Oregon driver's license and not meet the residency requirements established by these rules.

(2) An Oregon resident is a financially independent person who, prior to the term for which Oregon resident classification is requested, has both:

(a) established and maintained a domicile in Oregon as provided under OAR 580-010-0029(1) for 12 consecutive months; and

(b) during that period, has been primarily engaged in activities other than those of being a college student.

(3) A student may be considered primarily engaged in educational activities regardless of the number of hours for which the student is enrolled. However, a student who is enrolled for more than 8 hours in any semester or quarter during the 12-month period referred to in section (2) of this rule shall be presumed to be in Oregon for primarily educational purposes. Such period of enrollment shall not be counted toward the establishment of a bona fide domicile of 12 consecutive months in this state unless the student proves, in fact, establishment of a bona fide domicile in this state primarily for purposes other than educational.

(4) An Oregon resident is also a financially dependent person who is claimed as a dependent by another person who has both:

(a) established and maintained an Oregon domicile as provided under OAR 580-010-0029(1) for 12 consecutive months; and

(b) during that period, has been primarily engaged in activities other than those of being a college student.

(5) A financially dependent person who is claimed as a dependent by another person who has not established and maintained an Oregon domicile shall be presumed to be a non-resident. This presumption may be overcome by evidence of the student's long-standing presence in Oregon and demonstration of other factors under OAR 580-010-0031.

(6) The criteria for determining Oregon resident classification shall also be used to determine whether a person who has moved from Oregon has established a non-Oregon residence.

(7) If institution records show that the residence of a student or the person upon whom the student is dependent is outside of Oregon, the student shall continue to be classified as a nonresident until entitlement to resident classification is shown. The burden of showing that the residence classification should be changed is on the student requesting the change.

(8) Notwithstanding section (4) of this rule, a student who is financially dependent on a non-Oregon resident may nonetheless be considered an Oregon resident if the student resides in Oregon for at least 12 consecutive months with a parent or legal guardian who has both:

(a) established and maintained an Oregon domicile under OAR 580-010-0029(1) for 12 consecutive months; and

(b) during that period, has been primarily engaged in activities other than those of being a college student.

580-010-0031
Residency Consideration Factors

(1) The following factors, although not necessarily conclusive or exclusive, have probative value in support of a claim for Oregon resident classification:

(a) Reside in Oregon for 12 consecutive months prior to the beginning of the term for which resident classification is sought and during that period be primarily engaged in activities other than those of a college student;

(b) Reliance upon Oregon resources for financial support;

(c) Domicile in Oregon of persons legally responsible for the student;

(d) Acceptance of an offer of permanent employment in Oregon; and

(e) Ownership by the person of his or her living quarters in Oregon.

(2) The following factors, standing alone, do not constitute sufficient evidence to effect classification as an Oregon resident:

(a) Voting or registration to vote;

(b) Employment in any position normally filled by a student;

(c) The lease of living quarters;

(d) Admission to a licensed practicing profession in Oregon;

(e) Automobile registration;

(f) Public records, for example, birth and marriage records, Oregon driver's license;

(g) Continuous presence in Oregon during periods when not enrolled in school;

(h) Ownership of property in Oregon or the payment of Oregon income or other Oregon taxes; or

(i) Domicile in Oregon of the student's spouse.

(3) Reliance upon non-Oregon resources for financial support is an inference of residency in another state.

580-010-0033
Evidence of Financial Dependency

(1) In determining whether a student is financially dependent, a student must provide:

(a) Evidence of established domicile as provided under OAR 580-010-0029(1) of the person claiming the student as a dependent; and

(b) The identification of the student as a dependent on the federal and state income tax returns of the person claiming the student as a dependent. Additional documentation to substantiate dependency during the current calendar year may be required at a later time if deemed necessary by the institution.

(2) A student who provides evidence that he or she is a financially dependent person under these rules shall not be required to establish a 12-month domicile prior to classification of resident status, provided such a student may not be classified as a resident while receiving financial assistance from another state or state agency for educational purposes.

580-010-0035
Residence Classification of Armed Forces Personnel

(1) For purposes of this rule, members of the armed forces means officers and enlisted personnel of:

(a) The Army, Navy, Air Force, Marine Corps, and Coast Guard of the United States;

(b) Reserve components of the Army, Navy, Air Force, Marine Corps, and Coast Guard of the United States;

(c) The National Guard of the United States and the Oregon National Guard.

(2) Notwithstanding OAR 580-010-0030, active members of the armed forces and their spouses and dependent children shall be considered residents for purposes of the instructional fee if the members:

(a) Reside in this state while assigned to duty at any base, station, shore establishment, or other facility in this state;

(b) Reside in this state while serving as members of the crew of a ship that has an Oregon port of shore establishment as its home port or permanent station; or

(c) Reside in another state or a foreign country and file Oregon state income taxes no later than 12 months before leaving active duty.

(3) An Oregon resident entering the armed forces retains Oregon residence classification until it is voluntarily relinquished.

(4) An Oregon resident who has been in the armed forces and assigned on duty outside of Oregon, including a person who establishes residency under section (2)(c) of this rule, must, within a reasonable time, demonstrate an intent to retain classification as an Oregon resident. Such intent may be shown by returning to Oregon within six months after completing service in the armed forces.

(5) A person who continues to reside in Oregon after separation from the armed forces may count the time spent in the state while in the armed forces to support a claim for classification as an Oregon resident.

(6) The dependent child and spouse of a person who is a resident under section (2) of this rule shall be considered an Oregon resident. "Dependent child" includes any child of a member of the armed forces who:

(a) Is under 18 years of age and not married, otherwise emancipated or self-supporting; or

(b) Is under 23 years of age, unmarried, enrolled in a full-time course of study in an institution of higher learning, and dependent on the member for over one-half of his/her support.

580-010-0037
Residence Classification of Members of Oregon Tribes

(1) Students who are enrolled members of federally recognized tribes of Oregon or who are enrolled members of a Native American tribe which had traditional and customary tribal boundaries that included parts of the state of Oregon or which had ceded or reserved lands within the state of Oregon shall be assessed resident tuition regardless of their state of residence.

(2) For purposes of this rule, the federally recognized tribes of Oregon are:

(a) Burns Paiute Tribe;

(b) Confederated Tribes of Coos, Lower Umpqua and Siuslaw;

(c) Confederated Tribes of Grand Ronde Community of Oregon;

(d) Confederated Tribes of Siletz Indians of Oregon;

(e) Confederated Tribes of the Umatilla Indian Reservation;

(f) Confederated Tribes of the Warm Springs Indian Reservation;

(g) Coquille Indian Tribe;

(h) Cow Creek Band of Umpqua Indians;

(i) Klamath Tribes.

(3) For purposes of this rule, the Native American tribes which had traditional and customary tribal boundaries that included parts of the state of Oregon or which had ceded or reserved lands within the state of Oregon are:

(a) CALIFORNIA:

(A) Benton Paiute Tribe;

(B) Big Bend Rancheria;

(C) Big Lagoon Rancheria;

(D) Blue Lake Rancheria;

(E) Bridgeport Indian Colony;

(F) Cedarville Rancheria;

(G) Fort Bidwell Indian Tribe;

(H) Hoopa Valley Tribe;

(I) Karuk Tribe of California;

(J) Likely Rancheria;

(K) Lookout Rancheria;

(L) Lytton Rancheria;

(M) Melochundum Band of Tolowa Indians;

(N) Montgomery Creek Rancheria;

(O) Pit River Tribe;

(P) Quartz Valley Indian Community;

(Q) Redding Rancheria;

(R) Roaring Creek Rancheria;

(S) Smith River Rancheria;

(T) Susanville Rancheria;

(U) Tolowa-Tututni Tribe;

(V) Winnemucca Colony;

(W) XL Ranch;

(X) Yurok Tribe.

(b) IDAHO:

(A) Nez Perce Tribe of Idaho;

(B) Shoshoni-Bannock Tribes.

(c) NEVADA:

(A) Duck Valley Shoshone-Paiute Tribes;

(B) Fallon Paiute-Shoshone Tribe;

(C) Fort McDermitt Paiute-Shoshone Tribe;

(D) Lovelock Paiute Tribe;

(E) Pyramid Lake Paiute Tribe;

(F) Reno-Sparks Indian Colony;

(G) Summit Lake Paiute Tribe;

(H) Walker River Paiute Tribe;

(I) Winnemucca Indian Colony;

(J) Yerington Paiute Tribe.

(d) OKLAHOMA: Modoc Tribe of Oklahoma.

(e) WASHINGTON:

(A) Chehalis Community Council;

(B) Colville Confederated Tribes;

(C) Quinault Indian Nation;

(D) Shoalwater Bay Tribe;

(E) Yakama Indian Nation.

(4) A student seeking to be assessed resident tuition under the provisions of this rule shall submit, following procedures prescribed by the OUS institution where the student seeks to enroll, a photocopy of tribal enrollment which documents tribal membership.

580-010-0040
Residence Classification of Non-Citizens

A person who is not a citizen of the United States may be considered an Oregon resident if the person qualifies as a resident under OAR 580-010-0030 and is one of the following:

(1) A lawful permanent resident. The date of approval of lawful permanent residency shall be the earliest date upon which the 12-month residency requirements under OAR 580-010-0030 may begin to accrue.

(2) An immigrant granted refugee or political asylum in the United States. The date of approval of political asylum or refugee status shall be the earliest date upon which the 12-month residency requirements under OAR 580-010-0030 may begin to accrue.

(3) A person holding one of the following non-immigrant visa classifications: A, E, G, H-1B, H-1C, the spouse or child of a person holding an H-1B or H-1C visa, I, K, L, NATO, O, R, S, T, TN, U, or V. The date of the issuance of a visa for one of these classifications shall be the earliest date upon which the 12-month residency requirements under OAR 580-010-0030 may begin to accrue. A person possessing a non-immigrant or temporary visa that is not identified under this rule shall not be considered an Oregon resident.

580-010-0041
Changes in Residence Classification

(1) If an Oregon resident student enrolls in an institution outside of Oregon and later seeks to re-enroll in an OUS institution, the residence classification of that student shall be re-examined and determined on the same basis as for any other person.

(2) A financially dependent student who is dependent on a person who establishes a permanent Oregon residence as defined in OAR 580-010-0030(2) during a term when the dependent student is enrolled at an OUS institution may register as a resident at the beginning of the next term.

(3) Once established, classification as a resident continues so long as the student remains in continuous academic year enrollment in the classifying institution.

(4) A person who seeks classification as a resident under these rules shall complete and submit a notarized Residence Information Affidavit. The affidavit and all required supportive documents and materials must be submitted by the last day to register for the term in which resident status is sought.

(5) No OUS institution is bound by any determination of residency except by duly authorized officials under procedures prescribed by these rules including timely submittal of the notarized affidavit.

580-010-0045

Review of Residence Classification Decisions by IRC

(1) An interinstitutional residency committee (IRC) is established consisting of the officers determining student residence classification at OUS institutions and a member of the Chancellor's staff appointed by the Chancellor. The member of the Chancellor's staff shall serve as chairperson. A majority of the members of the Committee shall constitute a quorum. A majority of a quorum may make decisions.

(2) Residence cases of unusual complexity, especially where there may be conflict of rules, may be referred by an institution residence classification officer to the IRC for decision.

(3) Any person who is aggrieved by the institution residence classification may, within ten (10) days of the date of mailing or other service of classification decision, appeal the classification to the IRC. The appeal must be in writing and shall be filed with the institution. An aggrieved person may supply written statements to the IRC for consideration in reviewing the case and may also make an oral presentation to the IRC on a date to be scheduled by the IRC. The decision of the IRC shall be final unless appealed.

(4) A person dissatisfied with the IRC decision may, within ten days of the date of the mailing or other service of the IRC decision, appeal the IRC decision to the Chancellor for Academic Affairs or designee. An appeal to the chancellor shall be in writing only. The chancellor's decision shall be final.

(5) A person granted a meritorious hardship exception to residency under this rule prior to July 1, 1990, shall not lose the exception solely because of the repeal of the exception authorization.

580-010-0047

Residents Under WICHE

A certification officer, designated by the Board, shall determine the residence classification of any person seeking certification as an Oregon resident, pursuant to the terms of the WICHE Compact. Any person dissatisfied with the decision of the certification officer may appeal to the IRC. The decision of the IRC shall be final unless further appeal is made to the Vice Chancellor for Academic Affairs pursuant to OAR 580-010-0045(4).

Registration and Academic Policies

Susan M. Eveland, University Registrar
541-346-2935
541-346-6682 fax
220 Oregon Hall
registrar@uoregon.edu

Student Records Policy

In compliance with the Family Educational Rights and Privacy Act, the University of Oregon has formulated the Student Records Policy to outline the proper handling and release of student educational records. The following is a summary of that policy.

The university maintains only student records relevant to the educational or related purposes of the university. Students enrolled in the university generally have the right to inspect educational records maintained by the university that directly affect them. Those records are not released to anyone other than the student without the signed, written consent of the student, with the following exceptions:

1. University personnel who have legitimate interests
2. Officials at another school where the student seeks to enroll or is already enrolled
3. At the direction of a court
4. In situations of health or safety emergency
5. The disclosure is information designated as directory information

Upon request, the university releases directory information about the student, but the student may request, in writing, that such information not be released. Contact the Office of the Registrar for details about making a request for nonrelease.

The full text of the Student Records Policy is available from the Office of the Registrar and on the registrar's website.

Academic Year

The university divides the academic year into three terms of approximately eleven weeks each (except for the School of Law, which uses a semester calendar).

The summer session supplements the work of the fall, winter, and spring terms; a catalog and announcements are issued for that session.

Students may enter the university at the beginning of any term, with the exception of architecture students, who should see Application Deadlines under **Admissions**. The university's new-student orientation, IntroDUCKtion, is held in July for freshman and transfer students who enter fall term. All new students are urged to attend. See the **Academic Calendar** for other important dates during the current academic year.

Students are held responsible for familiarity with university requirements governing such matters as registration, academic standards, student activities, student conduct, and organizations. Academic regulations are listed on the registrar's website.

About the UO Catalog

This publication, the 2015–16 University of Oregon Catalog, is a statement of university rules, regulations, and calendars that goes into effect at the opening of fall term 2015. Changes to the university curriculum that were made through spring term 2015 are reflected in the academic sections of the catalog. **Bachelor's Degree Requirements**, in this section of the catalog, have been updated to reflect curriculum changes that were made through spring term 2015.

A student who is admitted and enrolls at the university during any academic year may graduate under the general requirement provisions of the catalog in effect that year, provided the catalog has not expired. A student may choose to graduate under the general requirements of a subsequent catalog, provided he or she completes all of those requirements. Major requirements are determined by the academic departments and programs; requirements are subject to change for students who are not continuously enrolled. See Catalog Expiration and Requirements Policies in the **Reader's Guide to the Catalog** section for more information.

Undergraduate and graduate degrees and certificates are listed in the **Degrees, Majors, Minors, and Certificates** section of this catalog. For details about graduate degrees, see the **Graduate School** section.

Grading Systems

The university has two grading systems. When regulations permit, a student may elect to be evaluated for a course with a letter grade or pass/no pass (P/N). Letter-graded work is designated A, B, C, D, or F. Pass/no pass work is designated P or N. An asterisk after the P or N indicates that the course is offered P/N only. See Bachelor's Degree Requirements for regulations on graded credits.

Each department, school, or special program establishes regulations on pass/no pass courses for its majors. Before exercising the P/N option, students should confer with advisors.

Students must choose their grading option at the time of registration and are permitted to change it only within the period allowed.

Graded

Student work is graded as follows: A, excellent; B, good; C, satisfactory; D, inferior; F, unsatisfactory (no credit awarded). Instructors may affix + or – to the grades A, B, C, and D.

Pass/No Pass

Courses that are offered pass/no pass only are assigned P* or N* grades. Courses offered for letter grades or pass/no pass use P or N grades without an asterisk.

Student work may be graded as follows: P (pass), satisfactory performance (C– or better for undergraduate course work, B– or better for graduate course work), or N (no pass), unsatisfactory performance, no credit awarded (D+ or worse for undergraduate course work, C+ or worse for graduate course work). The class schedule designates courses that are offered only pass/no pass. Passing credits are also awarded for advanced placement and College-Level Examination Program work and for work taken at another collegiate institution when that institution has alreadyrecorded apass/no pass mark orif the registrar'sstaff cannot equate the quality of the work to the UO grading system.

Marks

AU (Audit)

Student-initiated mark. Audit enrollments are recorded on the student's academic record, but no credit is earned by audit. Audited classes do not satisfy degree requirements, nor do they count toward the Graduate School's continuous enrollment requirement.

I (Incomplete). Instructor-Initiated Mark

A mark of I may be issued when the quality of work is satisfactory but a minor yet essential requirement of the course has not been completed for reasons acceptable to the instructor. Faculty and students should develop a contract outlining the requirements and specific deadlines for making up the incomplete. Contracts should be filed in the faculty member's departmental office.

Incompletes Assigned in Undergraduate CoursesPrior to Winter Term 2005

Incompletes assigned prior to winter term 2005will remain on the academic record and cannot be removed.

Incompletes Assignedin UndergraduateCourses Beginning Winter Term 2005

Effective winter term 2005,students in undergraduate courseshave one calendar year to make up an incomplete mark assigned by a UO faculty member. Earlier deadlines may be set by the instructor, dean, or department head. Failure to make up the incomplete by the end of one calendar year will result in the mark of I automatically changing to a grade of F or N.

For students graduating, removal of incompletes awarded must be submitted on DuckWeb no later than the Friday following exam week of the graduating term. Incompletes awarded will be automatically changed to a grade of F or N prior to conferral of the degree. Grade changes must be submitted no later than thirty days after the degree is awarded. Grades of F or N will remain on the academic record after the degree is awarded and cannot be removed.

Incompletes Assignedin Graduate Courses

Students ingraduatecoursesmust convert graduate course incompletes within one calendar year of the assignment of the incomplete. Students may request additional time for the removal of the incomplete by submitting a petition stating the course requirements that were not initially completed, with the instructor's signature, to the dean of the Graduate School for review. This policy does not apply to incompletes routinely assigned to courses applying to the completion of research (601), thesis (503), dissertation (603), and terminal or master's projects (609, 709, AAAP611, ARCH619, CRES611, IARC611, LA699, and LT611).

W (Withdrawal)

Student-initiated mark. Students may withdraw from a course through web registration. See the online class schedule for deadlines.

X (No Grade Reported)

Registrar-initiated mark. The instructor did not report a grade for the student.

Y (No Basis for Grade)

Instructor-initiated mark. There is no basis for evaluating the student's performance.

Grade Point Average

The grade point average (GPA) is computed for all work done at the University of Oregon, including courses for which credit is deducted for repetition, regression, orcredit limitations.Four points are assigned for each credit of A, three points for each credit of B, two points for each credit of C, one point for each credit of D, and zero points for each credit of F.

The plus sign increases the points assigned the letter grade by 0.30 per credit, and the minus sign decreases the points assigned the letter grade by 0.30 per credit. The grade point average is calculated by dividing total points by total credits of A, B, C, D, and F. Marks of AU, I, W, X, Y, and the grades of P and N are disregarded in the computation of the grade point average.

Academic Standing

When there is evidence of lack of satisfactory progress toward meeting graduation requirements, the Scholastic Review Committee may place students on academic probation or disqualify them from attendance at the

university. For information and assistance, students should inquire at the Office of Academic Advising, 364 Oregon Hall.

After grades are processed at the end of each term, term and cumulative UO GPAs are calculated for each undergraduate student, admitted or nonadmitted. A student's academic standing is based on attempted and earned hours and on the term and cumulative UO GPAs.

If a grade change affects the student's term and cumulative UO GPAs and academic standing, the student should ask the instructor to submit the grade change through DuckWeb immediately. Retroactive changes to a term's academic standing are made only to remove probation from the term record and only if grade changes are submitted by the last day to register and add classes for the following term. If grade changes that affect GPAs and academic standing are submitted later than this, the student's probation standing for the previous term is not amended.

Academic Warning. Students receive an academic warning when the UO term GPA is between 0.00 and 1.99, inclusive, even if the UO cumulative GPA is 2.00 or higher. This notation is not recorded on the student's official academic transcript, but does appear on the unofficial transcript. Students who completely withdraw from a term with W marks receive a 0.00 term GPA, and are thus subject to academic warning, probation, and/or disqualification.

Academic warning is given as a courtesy to advise students of potential academic difficulty. Academic probation does not depend on the student receiving prior notice of academic warning.

Academic Probation

Academic probation is earned and the notation "Academic Probation" is recorded on the student's academic transcript whenever the following conditions exist:

1. When the UO cumulative GPA is lower than 2.00. Students who have earned 44 or fewer credits are allowed two terms of probation before they are subject to disqualification. Students with more than 44 credits are only allowed one term of probation before they are subject to disqualification. Students on academic probation whose UO cumulative GPA is lower than 2.00 and whose UO term GPA is 2.00 or higher remain on academic probation
2. When the student's three most recent UO term GPAs arebetween 0.00 and 1.99, inclusive, even if the UO cumulative GPA is above a 2.00. Students who completely withdraw from a term with W marks receive a 0.00 term GPA, and are thus subject to academic warning, probation, and/or disqualification

Students on academic probation are limited to a study load of no more than 15 credits. Incoming students may be admitted on academic probation and are notified when such action has been taken; these students may be subject to disqualification after a single term of probation.

Academic Disqualification

Academic disqualification is earned and the notation "Disqualification" is recorded on the student's academic transcript whenever the following conditions exist:

1. Students on academic probation for having a UO cumulative GPA lower than 2.00 who earn a UO term GPA lower than 2.00 in their next term
2. Students on academic probation for having their three most recent terms of UO term GPAsbetween 0.00 and 1.99, inclusive, and who earn less than a 2.00 term GPA for the fourth consecutive term.Students who completely withdraw from a term with W marks receive a 0.00 term GPA, and are thus subject to academic warning, probation, and/or disqualification

Students may apply for reinstatement after disqualification by contacting the Office of Academic Advising. Petitions are reviewed to determine the probability that a student can satisfactorily complete the requirements of a degree program. The student may enroll during the academic year only if the Scholastic Review Committee allows the student to continue on probationary status. Students may enroll for summer classes without being reinstated.Students who have been disqualified must petition for reinstatement to graduate.

Exceptions to Academic Regulations

1. Two standing university committees review requests in writing for exceptions to university rules, regulations, deadlines, policies, and requirements: the Academic Requirements Committee and the Scholastic Review Committee. For information about how to submit a petition to the Academic Requirements Committee, inquire at the Office of the Registrar, 220 Oregon Hall; call 541-346-2935. For information about how to submit a petition to the Scholastic Review Committee, inquire at the Office of Academic Advising, 364 Oregon Hall; call 541-346-3211
2. For information about removal from academic probation and academic reinstatement options, inquire at the Office of Academic Advising

Registering for Classes

Class Schedule

The class schedule is published online two weeks prior to priority registration each term. The schedule lists courses offered for the term. Dates, deadlines, procedures, and information about tuition and fees can be found on the registrar's website.

Registration

A registration period takes place before the start of classes each term; the dates are published in advance. Students are not officially registered and are not entitled to attend classes until they have completed the prescribed registration procedures. Students must minimally be registered for "audit" to sit in on classes.

Once registered, students are academically and financially responsible for their course enrollments until they officially withdraw. Withdrawal after the term begins results in some financial liability. Appropriate withdrawal procedures are explained on the registrar's website.

Freshman Registration

Entering freshman students with 44 credits or fewer should plan to attend IntroDUCKtion, offered in July. After being notified of admission to the University of Oregon for fall term, freshmen receive information about this program. Space is limited, and the sign-up deadline is in June.

Reenrollment

Admitted undergraduate students who plan to register any time during an academic year after an absence of four or more terms, not including summer session, must notify the Office of the Registrar by filing a reenrollment form, available on the registrar's website.

Reenrollment procedures for graduate students are described in the **Graduate School** section of this catalog.

Summer Session

Nonadmitted students planning to register for summer session should file the registration eligibility form, which is provided on the Summer Session website, uosummer.uoregon.edu. The form is also available from the Academic Extension office orthe Office of the Registrar. Students who were enrolled spring 2014 or after need not submit this form.

Transcripts

Students are required to send official transcripts to the Office of the Registrar forany academic work taken at other institutions while completing their baccalaureate degree program. A student's official UO academic record must be kept complete at all times. Exceptions are made only for special and provisional students who are formally admitted under individual arrangements, and for summer transient and community education students who are not formally admitted. Failure to file required records can result in the cancellation of admission or registration; disciplinary action may be initiated and sanctions may be imposed by the university.

Alternate Ways to Earn Credit

The university has established programs through which students may earn credit toward graduation and, at the same time, decrease the cost and time required for standard undergraduate study. Brief descriptions of these programs appear below. Additional information is available from the Office of the Registrar.

Advanced Placement

Students who receive satisfactory grades in advanced placement examinations administered by the College Board may, on admission to the university, be granted credit toward a bachelor's degree in comparable university courses. Information about credit awarded and scores required is available from the registrar's website.

College-Level Examination Program

For some courses, departments have authorized the use of subject examinations prepared by the College-Level Examination Program (CLEP). Examinations are available, for example, in calculus, chemistry, economics, French, German, literature, Spanish, and sociology. Once a student is admitted to the university, it accepts as transfer credit the successful completion of CLEP subject examinations by students. More information is available online at testing.uoregon.edu.

Community Education Program

Individuals who want to enroll for 8 credits or fewer per term in university courses without formally applying for admission may do so through the Community Education Program. Part-time students of all ages choose from a variety of courses. More information is available at the Academic Extensionoffice locatedat the Baker Downtown Center, 975 High St., Suite 110, 541-346-5614.

Credit by Examination

Credit by examination allows formally admitted undergraduate students to challenge undergraduate university courses without registering for the courses. Students seeking to receive credit by examination must be registered for the term in which the exam is given. Credit by examination may be earned only in courses whose content is identified by title in the University of Oregon catalog. Students should contact first the Office of the Registrar to complete an Academic Requirements Committee petition to determine eligibility for credit by examination. Students then obtain faculty and department approvals before the exam can be scheduled. Students are billed an examination fee of $25 per credit.

Successful credit by examination is shown as transfer credit on the UO transcript and may be recorded as a pass (P) or graded (A, B, C, D), consistent with the options listed in the class schedule. Credit by examination may not be counted toward the satisfaction of the graduation residency requirement or for fulfillment of the requirement to complete 45 credits graded A, B, C, D at the University of Oregon. However, credit by examination may be counted toward the requirement to complete 168 credits graded A, B, C, D, P* from all institutions attended.

The following are not available for credit by examination:

- Courses numbered 0–99; Field Studies (196); Workshop, Laboratory Projects, or Colloquium (198); Special Studies (199); courses numbered 200 or 399–410
- First-year second-language courses
- 100-level mathematics courses and MATH211, MATH212, MATH213
- English composition courses (WR121, WR122, WR123)
- An elementary language course taught in the student's native language
- A course for which a CLEP examination is available
- A course that substantially duplicates credit already earned
- A course that is more elementary in nature than credit already earned
- A course in which the student is already enrolled for credit
- A course for which the student has received a grade of A, B, C, D, P, P*, I, X, or Y
- A course for which the student has already taken and failed an examination for credit

Contact the Office of the Registrar for more information.

International Baccalaureate

Students who receive satisfactory grades in International Baccalaureate examinations may, on admission to the university, be granted credit in comparable university courses toward a bachelor's degree. Credit can be earned in art, biology, business, chemistry, Chinese, computer science, economics, English, French, German, history, geography, Japanese, Mandarin, mathematics, music, physics, psychology, social & cultural anthropology, Spanish, Swedish, and theater arts. A complete list of university credit earned by International Baccalaureate examinations is available from the registrar's website.

Military Credit

The university generally grants credit for military education experiences as recommended by the American Council on Education's *Guide to the Evaluation of Educational Experiences in the Armed Services*, and in accordance with University of Oregon policies regarding transfer credits. Students may request evaluation of credits earned through the Community College of the Air Force, Defense Language Institute, or military education. Students must submit official copies of college transcripts or a Certificate of Completion from the Defense Language Institute. An official copy of the student's DD 214, DD 295, or an AARTS transcript is required for military credit.

Bachelor's Degree Requirements

To earn a University of Oregon bachelor's degree, students must satisfy the following requirements.

University Requirements

Credits

The bachelor of arts, bachelor of science, bachelor of education, bachelor of music, and bachelor ofmusic in music educationdegrees require a total of 180 credits with passing grades. The bachelor of fine arts and bachelor of landscape architecture require a total of 220 credits. The bachelor of interior architecture requires a total of 225 credits, and the bachelor of architecture requires a total of 231 credits.

Concurrent Degrees

Concurrent degrees are awarded under the following conditions:

1. The second degreemay beoffered bythe same school or college
2. The student completes the departmental requirements for each major
3. The student completes the general-education requirements for each degree
4. The student completes a minimum of 36 credits at the UO beyond those required for the degree that has the highest credit requirement
5. The student applies for the first degree on DuckWeb and submits a request tothe Office of the Registrar for the second degree

Not all colleges or schools permit concurrent degrees; the Undergraduate Council reviews and approves all concurrent degrees offered within the same college or school.

Academic Major

All bachelor's degrees must be awarded with a major. Minimum requirements are 36 credits in the major, including 24 in upper-division work. Specific requirements are listed under individual departments.

A student may be awarded a bachelor's degree with more than one major by completing the general university degree requirements for the designated majors and degree and all requirements in each major as specified by the major departments, schools, or colleges.

Academic Minor

Unless specified by a particular department, a minor is not required for a bachelor's degree. Students choosing to complete a minor must earn a minimum of 24 credits, including 12 in upper-division work. Minor requirements, including residency, are listed under department headings. A minor may be awarded only at the time a bachelor's degree is conferred.

Undergraduate Certificate

A undergraduate certificate is not required for a bachelor's degree. Students choosing to complete an undergraduatecertificate must earn a minimum of36 credits, including24 in upper-division with a minimum of12 creditsat the 400 level.An undergraduatecertificate may be awarded only at the time a bachelor's degree is conferred.

Upper-Division Work

A minimum of 62 credits in upper-division courses (300 level or higher) are required.

Residency

After completing 120 of the 180 required credits, 160 of the 220 required credits, 165 of the 225 required credits, or 171 of the 231 required credits, each student must complete at least 45 credits of UO courses in residence at the university.

Total Credits of A, B, C, D, P*

Students must earn 168 transfer or University of Oregon credits with grades of A, B, C, D, or P*. Credits earned in courses offered only pass/no pass use the P* designation.

UO Credits of A, B, C, D

A minimum of 45 credits graded A, B, C, or D must be earned at the University of Oregon. Courses required in the major and designated P/N only in the class schedule may be counted toward the 45-credit requirement only if the 168-credit requirement has been satisfied.

Satisfactory Work

Graduation from the university requires a minimum UO cumulative grade point average of 2.00.

Written English

Two courses (WR121 and either WR122 or WR123 or equivalents) passed with grades of C– or better or P are required for all undergraduate degrees. For placement, prerequisites, or exemption, see policies in the **English** section of this catalog.

Requirements for Bachelor of Arts and Bachelor of Science

Students must choose to graduate with a specific degree and major (for example, bachelor of arts in chemistry or bachelor of science in chemistry). See degrees listed in the **Degrees, Majors** (p. 38)**, Minors** (p. 39)**, and Certificates** (p. 42) section of this catalog.

Bachelor of Arts Requirements

The bachelor of arts (BA) degree requires proficiency in a second language. The second-language requirement may be met in one of the following ways:

1. Completion of at least the third term, second year of a second-language course taught in the language, with a grade of C– or better or P
2. Satisfactory completion of an examination administered by the appropriate language department, showing language proficiency equivalent to that attained at the end of two years of college study
3. For students whose native language is not English: providing officialhigh school or official college transcripts to the Office of the Registrar as evidence of formal training in the native language and completion of WR121 and either WR122 or WR123 with grades of C– or better or P

Bachelor of Science Requirements

The bachelor of science (BS) degree requires proficiency in mathematics or computer and information science or a combination of the two. The requirement may be satisfied in one of the following ways, depending on the student's experience in mathematics. Courses must be completed with grades of C– or better or P.

1. Students with a limited background in mathematics can complete the requirement with any of the combinations of three courses listed below. Inquire at the Office of Academic Advising for other possible combinations.

Option 1		
Select three of the following:		12
MATH105	University Mathematics I	
MATH106	University Mathematics II	
MATH107	University Mathematics III	
MATH111	College Algebra	
Option 2		
MATH105	University Mathematics I	4
MATH111	College Algebra	4
MATH243	Introduction to Methods of Probability and Statistics	4
Option 3		
MATH111	College Algebra	4
MATH241–242	Calculus for Business and Social Science I-II	8
Option 4		
CIS105	Explorations in Computing	4
CIS122	Introduction to Programming and Problem Solving	4
MATH111	College Algebra	4
Option 5		
CIS105	Explorations in Computing	4
CIS111	Introduction to Web Programming	4
MATH111	College Algebra	4

2. Students who placed above the MATH111 level on the mathematics placement test may complete the requirement with any two courses chosen from the following:

MATH112	Elementary Functions	4
MATH241	Calculus for Business and Social Science I	4
MATH425	Statistical Methods I	4

3. Students who have MATH111 skills and an additional prerequisite course or appropriate skills may complete the requirement with one course chosen from the following:

MATH231	Elements of Discrete Mathematics I	4
MATH242	Calculus for Business and Social Science II	4
MATH246	Calculus for the Biological Sciences I	4
MATH251	Calculus I	4
MATH261	Calculus with Theory I	4
CIS210	Computer Science I	4
CIS211	Computer Science II	4
CIS212	Computer Science III	4

4. Satisfactory completion of MATH211–213.

Group Requirements

To promote educational breadth, bachelor's degree candidates are required to complete work in each of three groups representing comprehensive fields of knowledge: arts and letters, social science, and science. Approved group-satisfying courses must be at least 3 credits each.

The current list of group-satisfying courses is available online at registrar.uoregon.edu/group_courses.

"One Course" Restriction

Students may use only one course that has the same subject code as their major to fulfill group requirements.

"Double-Dipping" Restriction

Students may not use courses that fulfill the second-language requirement for the bachelor of arts degree to fulfill the arts and letters group requirement. Courses used to demonstrate proficiency in mathematics or in computer and information science or in a combination of the two for the bachelor of science degree may not also be used to fulfill the science group requirement.

Group Requirements for Specific Degrees

1. **Bachelor of Arts, Fine Arts, or Science.** Students must complete a minimum of 45 credits—15 of those credits in approved group-satisfying courses in each of three general-education groups: arts and letters, social science, and science. Each group must include (a) at least two courses with the same subject code and (b) at least one course with a different subject code. No more than three courses with the same subject code may be used to fulfill the 45-credit requirement.
2. **Bachelor of Architecture, Education, Interior Architecture, Landscape Architecture, Music, or Music in Music Education.**Students must complete a minimum of 36 credits—12 of those credits in approved group-satisfying courses in each of three general-education groups: arts and letters, social science, and science. Each group must include at least two courses with different subject codes. Two groups must each include at least two courses with the same subject code. No more than three courses with the same subject code may be used to fulfill the total 36-credit requirement.

Substituting a Minor or Second Major

Some minors or second majors may be used to satisfy part of one group requirement. Students should consult their advisors for more information.

Multicultural Requirement

The purpose of the multicultural requirement is to introduce students to the richness of human diversity and to the opportunities and challenges of life in a multicultural society.

Bachelor's degree candidates must complete one course in two of the following categories: A: American cultures; B: identity, pluralism, and

tolerance; C: international cultures. A minimum of 6 credits in approved courses must be earned.

Category A: American Cultures

The goal is to focus on race and ethnicity in the United States by considering racial and ethnic groups from historical and comparative perspectives. Five racial or ethnic groups are identified: African American, Chicano or Latino, Native American, Asian American, European American. Approved courses deal with at least two of these groups in a comparative manner. They do not necessarily deal specifically with discrimination or prejudice, although many do.

Category B: Identity, Pluralism, and Tolerance

The goal is to gain scholarly insight into the construction of collective identities, the emergence of representative voices from varying social and cultural standpoints, and the effects of prejudice, intolerance, and discrimination. The identities at issue may include ethnicities as in Category A, as well as classes, genders, religions, sexual orientations, or other groups whose experiences contribute to cultural pluralism. This category includes courses that analyze the general principles underlying tolerance, or the lack of it.

Category C: International Cultures

The goal is to study world cultures in critical perspective. Approved courses either treat an international culture in view of the issues raised in Categories A and B—namely, race and ethnicity, pluralism and monoculturalism, and/or prejudice and tolerance—or explicitly describe and analyze a worldview—i.e., a system of knowledge, feeling, and belief—that is substantially different from those prevalent in the 20th- and 21st-century United States.

Students who participate in UO-sponsored study-abroad programs with a minimum of five weeks in length may qualify to satisfy Category C requirements.

The current list of courses that satisfy the multicultural requirement is available online at registrar.uoregon.edu/group_courses*.*

General Limitations

1. A maximum of 124 credits may be transferred from an accredited junior or community college; of this, only 90 credits may be transferred from an international junior college
2. A maximum of 60 credits may be earned in correspondence study
3. A maximum of 48 credits in law, medicine, pharmacy, chiropractic medicine, dentistry, technology, or any combination may be accepted toward a degree other than a professional degree
4. A maximum of 24 credits may be earned in the following areas (a, b, and c) with not more than 12 in any one area:
   a. Lower-division professional-technical courses
   b. Physical education and dance activity courses
   c. Performancein music (MUP), except for majors in music
5. For music majors, a maximum of 24 credits inmusic performance (MUP), of which not more than 12 may be taken in the student's freshman and sophomore years, may count toward requirements for the BA or BS degree
6. For dance majors, a maximum of 36 credits of DANC may count toward requirements for the BA or BS degree
7. A maximum of 12 credits in TLC (University Teaching and Learning Center) courses and a maximum of 12 credits in FE (field experience) courses may be counted toward the 180, 220, 225, or 231 credits required for a bachelor's degree
8. University of Oregon academic records are sealed thirty days after the conferral of a degree. After this date, changes to majors and minors, addition of departmental honors, removal of incompletes, grade changes, or other changes to an academic record cannot be made
9. Undergraduate credits earned through credit by examination (course challenge), Advanced Placement Program (AP), International Baccalaureate Program (IB), and the College-Level Examination Program (CLEP) are counted toward the satisfaction of bachelor's degree requirements except residency and the 45 UO credits graded A, B, C, D. The university grants pass credit for successful completion of AP, IB, and CLEP examinations
10. Courses cannot be repeated for credit unless designated as repeatable by the University of Oregon Committee on Courses. Credit for duplicated courses is deducted, but grades for these courses are included in the GPA
11. No courses are available for credit to students whose competence in that area exceeds the scope of a particular course
12. Students may not receive credit for courses that are prerequisites for courses in which they are currently enrolled
13. Students may not receive credit for courses that are prerequisites for courses for which they have already received credit
14. Students must be enrolled with degree-seeking status in order to earn an undergraduatecertificate; undergraduate certificates are only awarded at the time the degree is awarded

Second Bachelor's Degree

A student who has been awarded a bachelor's degree from an accredited institution may earn an additional bachelor's degree at the University of Oregon. Students cannot major in a discipline if they've earned a major or a minor inthe same orsubstantially similar discipline from a prior degree.The student must satisfactorily complete all departmental, school, or college requirements for the second degree. Of these requirements, the following must be completed after the prior degree has been awarded:

1. The student must complete an additional 36 credits at the university as a formally admitted student if the prior bachelor's degree was awarded by the University of Oregon, or an additional 45 credits at the university if the prior bachelor's degree was awarded by another institution
2. A minimum cumulative UO GPA of 2.00 in courses taken for the second bachelor's degree is required for the second bachelor's degree
3. A minimum of 18 credits must be graded A, B, C, D if the prior bachelor's degree was earned at the University of Oregon, or 23 credits if at another institution
4. At least 75 percent of all course work required in the major for the second degree must be completed after the conferral of themost recentbachelor'sdegree
5. The bachelor of arts degree requires proficiency in a second language. Students whose native language is not English may satisfy this requirement by providing officialhigh school transcripts orofficial college transcriptsas evidence of formal training in the native language and satisfactorily completing WR121 and either WR122 or WR123. The bachelor of science degree requires proficiency in mathematics and/or computer and information science

6. Students pursuing the bachelor of fine arts degree must complete either the bachelor of arts proficiency in a second language or the bachelor of science proficiency in mathematics and/or computer and information science

Bachelor's Degree with Honors

Information about Latin honors, academic honors, and honor societies is listed in the **Honors and Awards** section of this catalog. Fellowship and scholarship information is in the **Student Financial Aid and Scholarships** (p. 28) and departmental sections of this catalog.

Oregon Transfer Module

The Oregon Transfer Module (OTM) provides a one-year curriculum for students who plan to transfer to a State of Oregon university or community college. The module allows students to complete one year of general-education foundation course work that is academically sound and readily transferable within Oregon. Although the OTM is not a certificate or degree, it documents that students have met a subset of common general-education requirements at all Oregon two- and four-year public institutions of higher education.

Students should work closely with the Office of Academic Advising to ensure selection of appropriate course work. Upon transfer, students may be required to complete additional course work in general education, in an academic major, or in bachelor's degree requirements specific to the receiving institution. Students who transfer prior to the completion of the OTM will have their courses individually evaluated by the receiving institution, and may find that some individual courses are transferable, whereas others are not.

Transferring to the University of Oregon with an OTM

Students transferring to the University of Oregon with an OTM from another institution will have completed 45 credits of the university's general-education requirements.

Earning an OTM at the University of Oregon

To receive an OTM at the University of Oregon, students must complete a minimum of 45 credits—12 in residence at the UO—in foundational skills (writing, oral communication, and mathematics) and introduction to the disciplines (arts and letters, social sciences, and sciences). All courses must be completed with a grade of C– or better and students must have a minimum cumulative GPA of 2.00 at the time the OTM is posted on the transcript.

Application for an Undergraduate Degree

Undergraduates who plan to receive a bachelor's degree from the University of Oregon must submit an application through the university's online information system, DuckWeb, by the fourth Sunday of the anticipated term of graduation.

The Office of the Registrar encourages students to apply to graduate the term preceding their graduation term. This allows students to plan or change their final term's course schedule to ensure completion of all requirements. Students who have been disqualified must petition for reinstatement to graduate.

All grade changes, removals of incompletes, and transfer work necessary for completion of degree requirements must be on file in the Office of the Registrar by the Friday following the end of the term of graduation. Academic records are sealed thirty days after the conferral of a degree; no changes to the record will be made following that date.

Students who do not apply to graduate will not receive retroactive degrees even if degree requirements were completed at an earlier date.

Applications for graduate degrees are available from the Graduate School.

Tuition and Fees

Kelly Wolf, Director, Office of Business Affairs
541-346-3170
Oregon Hall, First Floor

Tuition

Tuition is a basic charge paid by students enrolled at the University of Oregon. It includes instruction costs, health service fees, incidental fees, technology fee, building fees, registration fee, and recreation center bond fee. Except in the School of Law, for a full-time student in 2014–15, the health service fee was $155.00, the incidental fee was $215.25, the recreation center fee was $55.75, the recreation center bond fee was $38.00, and the building fee was $45.00. Each law student paid a $233.00 health service fee, a $323.00 incidental fee, a $84.00 recreation center fee, a $57.00 recreation bond fee, and a $68.00 building fee. Each admitted student, at the time of first enrollment, is assessed a matriculation fee of $375.00 to cover the cost of enrollment services. The fees are subject to change for 2015–16.

Payment of tuition entitles students to many services including instruction in university courses, use of the university libraries, use of laboratory and course equipment and certain materials in connection with courses for which students are registered, use of various microcomputer laboratories, medical attention at the University Health Center at reduced rates, and use of gymnasium equipment and laundry service for physical activity courses. Additional fees may be assessed for some services and courses. No reduction is made for students who do not want to use some of these services.

Tuition for resident and nonresident law students is listed in the School of Law catalog, available free from the UO School of Law. Health services and some incidental fee benefits are not available to students enrolled in the Community Education Program.

Tuition is paid by students under the standard conditions of undergraduate or graduate study, and it is payable as specified in official notices during registration each term. Special fees are paid under the conditions noted. The university's policies on student charges and refunds follow the guidelines recommended by the American Council on Education. Details of the policies are available at the Office of Business Affairs on the first floor of Oregon Hall.

In the schedule, tuition is specified for one term only. There are three terms in the academic year: fall, winter, and spring (except for the School of Law, which operates on a two-semester system). Summer session operates on a separate tuition schedule that includes course self-support fees.

The Oregon University System reserves the right to make changes in the tuition schedule.

The tuition figures that follow are for 2014–15. Increases proposed for 2015–16 had not been confirmed at publication.

Tuition Schedule

All figures rounded down to the nearest dollar.

Undergraduate Tuition

	Resident	Nonresident
1 credit	$182	$648
2 credits	364	1,296
3 credits	546	1,944
4 credits	728	2,592
5 credits	910	3,240
6 credits	1,092	3,888
7 credits	1,274	4,536
8 credits	1,456	5,184
9 credits	1,638	5,832
10 credits	1,820	6,480
11 credits	2,002	7,128
12 credits	2,184	7,776
13 credits	2,366	8,424
14 credits	2,548	9,072
15 credits	2,730	9,720
16 credits	2,912	10,368
17 credits	3,094	11,016
18 credits	3,276	11,664
Each additional credit beyond 18	182	648

Following is the base rate for graduate students.

Graduate Tuition

	Resident	Nonresident
Full-time registration (one term):		
9–16 credits	$4,608	$7,677
Part-time registration:		
1 credit	512	853
2 credits	1024	1,706
3 credits	1,536	2,559
4 credits	2,048	3,412
5 credits	2,560	4,265
6 credits	3,072	5,118
7 credits	3,584	5,971
8 credits	4,096	6,824
Each additional credit beyond 16 is $512 for residents and $828 for nonresidents		
Graduate assistant (9–16 credits)	61	61

The graduate tuition rates listed are the base rate only. Each professional school has its own set of tuition rates; they are higher than the base rate listed in the table. Students must contact the relevant school to learn the specific cost for the major.

Tuition Billing

Tuition may be paid in monthly installments. Unpaid balances are assessed a $6 billing fee and are charged 9 percent annual interest. The university uses an electronic billing process to bill student for charges incurred; payments are due on the first of each month.

Community Education Program

Tuition for Community Education Program students enrolling for 8 or fewer credits is determined by the level of the courses taken. Courses accepted for graduate credit are assessed at the graduate tuition level; all others are assessed at the undergraduate level.

Special Fees

Special fees, fines, penalties, service charges, and other additional charges for specific courses, services, or supplies not covered in the tuition fee are set forth on a list available in many departmental offices or in the Office of Business Affairs. (This list is issued each year in accordance with OAR 571-60-005.)

The following fees are assessed to university students under the special conditions noted:

Type of Fee	Fee Amount	Information
Application Fee	$50	Required of students not previously enrolled at the University of Oregon and payable when the application for admission is submitted. The fee is not refundable.
Bicycle Registration	$0	Bicycle registration with the Department of Public Safety is mandatory; there is no charge for a permanent permit. Bicycle racks and ramps are provided throughout the campus, and the development of cycling paths continues on campus and in the community. Copies of the complete university bicycle parking regulations and fines are available at the Department of Public Safety, 1319 E. 15th Ave.
Credit by Examination	$60 per course	Assessed for taking an examination for advanced credit. The fee applies to each special examination regardless of the number of credits sought.
Exceptions to Procedures	$10–$25	Approved exceptions to procedural deadlines are subject to this fee.
Late Registration	$100	A $100 fee is charged for registration after the eighth day of class.
Matriculation Fee	$375	For undergraduate and graduate students.

Parking Permits	• $300 for one-year student automobile permit • $81 for one-year student motorcycle permit • $75 for summer session permit	A minimal amount of parking space is available near residence halls and on city streets. Students using university parking lots must purchase and display proper parking permits. All parking fees are subject to change. Parking permits may be purchased from the Department of Public Safety, 1319 E. 15th Ave. Parking regulations are enforced at all times. A city bus system connects the university with most community areas. Student fees ensure each student a pass that allows unlimited free rides.
Replacement of Photo ID Card	$15	
Returned Check	$20	Charge billed to the writer of any check that is returned to the university by the bank. Exceptions are bank or university errors. If not paid within thirty days, a returned check may be subject to a fine of $100 to $500.
Senior Citizens	$0	There is no charge to Oregon residents sixty-five years of age and older. Oregon senior citizens who are neither seeking academic credit nor working toward a degree may attend classes as senior auditors if space is available on the first day of classes and if the department approves. Charges may be made for any special materials. Incidental fee services are not provided. Registration is handled through the Office of the Registrar, second floor, Oregon Hall.
Staff	$55 per credit	University employees are permitted to enroll in university classes with the approval of their department head. Employees may enroll at the staff rate for a maximum of 12 credits per term.
Family of Staff	$50 per credit plus applicable fees (e.g., building, health, incidental)	Family members may enroll for a maximum of 12 credits per term.
Testing	$3–$50	
Transcripts	$0	Students must submit a signed, written request to authorize release of their academic record. The mailing address is Transcript Department, Office of the Registrar, 5257 University of Oregon, Eugene OR 97403-5257. The university reserves the right to withhold transcripts of students who have unpaid financial obligations to the institution. Debtors contesting their accounts should contact the collections department for counseling and instructions for a written appeal. The collections department is located in the Office of Business Affairs on the first floor of Oregon Hall. The mailing address is Collections Department, Office of Business Affairs, PO Box 3237, University of Oregon, Eugene, Oregon 97403-0237; call 541-346-3215.

Tuition and Fee Refunds

In the event of complete withdrawal from the university or a reduction in course load, refunds may be granted to students in accordance with the refund schedule on file in the Office of Business Affairs in Oregon Hall. Refunds may take from four to six weeks to process. All refunds are subject to the following regulations:

1. Refunds are calculated from the date the student officially withdraws from the university, not from the date the student ceased attending classes, except in unusual cases when formal withdrawal has been delayed through causes largely beyond the student's control
2. No refunds are made for any amount less than $1.00 unless a written request is made
3. In case of complete withdrawal, students who received financial aid are responsible for repayment of that aid in accordance with the university's financial aid repayment policy and schedule. See the class schedule for details

For complete withdrawal, obtain withdrawal forms from the Office of Academic Advising, 364 Oregon Hall.

The university has an appeal process for students or parents contending that individual circumstances warrant exceptions to published policy if circumstances of withdrawal or course-load reduction are beyond the student's control. Petitions for exception to the refund policy may be obtained from the Office of the Registrar on the second floor of Oregon Hall or from the Office of Academic Advising.

Veterans Access, Choice, and Accountability Act of 2014

The following individuals shall be charged the in-state rate, or otherwise considered a resident, for tuition and fees purposes:

- A veteran using educational assistance under either Chapter 30 (Montgomery GI Bill—Active Duty Program) or Chapter 33 (Post-9/11

GI Bill) of Title 38, United States Code, who lives in the state of Oregon while attending a school located in the state of Oregon (regardless of his or her formal state of residence) and enrolls in the school within three years of discharge or release from a period of active duty service of 90 days or more.

- Anyone using transferred Post-9/11 GI Bill benefits (38 U.S.C. § 3319) who lives in the state of Oregon while attending a school located in the state of Oregon (regardless of his or her formal state of residence) and enrolls in the school within three years of the transferor's discharge or release from a period of active duty service of 90 days or more.
- Anyone using benefits under the Marine Gunnery Sergeant John David Fry Scholarship (38 U.S.C. § 3311(b)(9)) who lives in the state of Oregon while attending a school located in the state of Oregon (regardless of his or her formal state of residence) and enrolls in the school within three years of the service member's death in the line of duty following a period of active duty service of 90 days or more.
- Anyone described above while he or she remains continuously enrolled (other than during regularly scheduled breaks between courses, semesters, or terms) at the same school. The person so described must have enrolled in the school prior to the expiration of the three-year period following discharge, release, or death described above and must be using educational benefits under either Chapter 30 or Chapter 33, of Title 38, United States Code.

Student Financial Aid and Scholarships

Jim Brooks, Director
541-346-3221
541-346-1175 fax
260 Oregon Hall
1278 University of Oregon
Eugene OR 97403-3221
financialaid@uoregon.edu

Financial aid in the form of scholarships, grants, loans, and employment is available to eligible students who need assistance to attend school. The Office of Student Financial Aid and Scholarships provides counseling and information services to students and parents and administers a comprehensive program of financial assistance. Office hours are 8:00 a.m.–5:00 p.m., Monday, Tuesday, Thursday, and Friday, and 9:00 a.m.–5:00 p.m. on Wednesday.

Federal and state regulations are subject to change and may affect current policies, procedures, and programs.

Estimated Student Expenses

The following information is provided to help students estimate the total cost of attending the University of Oregon.

Budgets established for financial aid purposes are based on average expense. Some students have higher costs in a few categories. For example, students in the School of Architecture and Allied Arts, the School of Music and Dance, and some of the science departments have expenses ranging from $30 to $500 a year for equipment, supplies, and field trips in addition to books. Students living alone in an apartment or in university housing may spend more than the budgeted amount for meals and housing, based on personal choice.

Residence hall room and board for2015–16 range from $11,430 to $19,786. Cooperative housing costs are generally less than the minimum residence hall rate. Sorority and fraternity costs are typically higher.

Although the university does not require proof of health insurance for domestic students, the provisions of the Affordable Care Act may apply. International students are required to purchase health insurance. For more information about health services and coverage, please visit the University Health Center website. (https://healthcenter.uoregon.edu/Home.aspx)

Personal expenses are governed by individual preference but may include such items as transportation, health care, and entertainment.

The figures in the following table are the2015–16 tuition and fees for an undergraduate student enrolled in 15 credits and a graduate student enrolled in 9 credits. Tuition schedules are subject to revision. See the **Tuition and Fees** section of this catalog.

Tuition and Fees

Student Classification	One Term or Semester	Three Terms or Semesters
Undergraduate resident	$3,429	$10,287
Undergraduate nonresident	$10,674	$32,022
Graduate tuition varies by program. A base tuition would be as follows:		
Graduate resident	$5,346	$16,038
Graduate nonresident	$8,649	$25,947
Law resident (semester)	$15,753	$31,506
Law nonresident (semester)	$19,605	$39,210

The Office of Student Financial Aid and Scholarships used the expenses in the following tables to estimate a student's educational costs for the 2015–16 academic year.

Meals and Housing

	One Term	Three Terms
Student commuter living with parents	$1,098	$3,294
Undergraduate student living off campus	$3,310	$9,930
Undergraduate student living on campus	$3,810	$11,430
Graduates	$3,706	$11,118
Law (semester)	$5,559	$11,118

A dependent child-care allowance may be added to the budget for each child less than 12 years of age who is living with a student and for whom the student is paying child-care expenses.

Books and Supplies

	One Term	Three Terms
Graduates and undergraduates	$356	$1,068
Law (semester)	$534	$1,068

Miscellaneous Personal Expenses

	One Term	Three Terms
Undergraduates	$794	$2,382
Graduates	$794	$2,382
Law (semester)	$1,191	$2,382

Applying for Financial Aid

Undergraduate, graduate, and law students use the following procedure to apply for financial aid:

1. Complete the Free Application for Federal Student Aid (FAFSA) online. The official website is www.fafsa.ed.gov (http://www.fafsa.ed.gov)
2. List the University of Oregon (using code number 003223) on the FAFSA application as a school to receive the application information
3. Apply for admission to the University of Oregon

Deadlines

To be given priority consideration for the Federal Perkins Loan, Federal Work-Study Program, and Federal Supplemental Educational Opportunity Grant for all or part of any given academic year, a valid FAFSA must be received by the federal processor on or before March 1 prior to the academic year for which the student is applying. To meet this deadline, submit the FAFSA no later than February 15. Signing the FAFSA electronically is the recommended method for submission. If applicable, online applicants should mail the FAFSA signature page, obtained from the FAFSA website, in early February.

Eligibility

Financial aid eligibility for any student is determined by the difference between the estimated cost of education at the University of Oregon and the anticipated family contribution from the student's family, the student and parents if the student is a dependent, or the student and spouse if the student is married. Students (and their families if appropriate) are expected to bear the primary responsibility for meeting educational costs. When a student's anticipated family contribution is less than the cost of education, the university attempts to meet the difference with need-based financial aid.

Assessing Financial Aid Eligibility

The university uses a method prescribed by law to determine an expected contribution from the student and family toward the cost of the student's education. The expected family contribution, derived from using the federal formula, is based on income and asset information as well as certain variables such as family size and number of family members attending college. This system ensures that students receive consistent and equitable treatment. Financial aid counselors review unique circumstances case by case.

Satisfactory Academic Progress

To be eligible for financial aid, students must make satisfactory academic progress toward their degrees and maintain a minimum cumulative grade point average (GPA) and pace. Progress is reviewed annually at the end of spring term.

The minimum cumulative GPA needed to meet satisfactory academic progress is 2.00 for an undergraduate and 3.00 for a graduate student (except for law students seeking a JD or LLM degree, who require a 2.00 GPA). If a student's cumulative GPA drops below the required minimum at the time of the evaluation, eligibility for financial aid will be suspended unless the student appeals and is approved for reinstatement. Students may also reestablish eligibility, for the subsequent term, after raising their GPAs to the minimum requirement. Visit the website for information on the appeals process.

Progress toward a degree is a further requirement, determined by dividing the number of credits attempted by the number of credits earned. Students are expected to earn credit for at least 67 percent of the credits attempted on an aggregate basis. Credit is earned for grades A, B, C, D, and P. Credit is not earned for grades of F, W, I, Y, N, and X. A progress calculator is located online.

Students must also complete their degrees within a maximum time frame. A student must graduate before accumulating 150 percent of the attempted credits required for completing his or her major. Most majors at the University of Oregon require 180 credits; 270 would be 150 percent of that. If a student is unable to fulfill the requirements for his or her degree before reaching this maximum time frame, financial aid will be suspended. Visit the website for information on the appeals process.

Complete withdrawal (or receiving a 0.0 GPA) from the University of Oregon during a student's first term ***or*** complete withdrawal (or receiving a 0.0 GPA) from the UO for two consecutive terms constitutes failure to meet satisfactory academic progress standards regardless of GPA, pace, or time frame.

Additional information may be found on the website (http://financialaid.uoregon.edu/satisfactory_academic_progress) for the Office of Student Financial Aid and Scholarships.

Financial Aid Packages

Students will receivenotification of their awards after their financial aid eligibility has been established. The Office of Student Financial Aid and Scholarships attempts to award financial aid to students up to their estimated cost of education, which could include scholarship and grant money, work-study, and loan eligibility.

A student may not receive assistance from any financial aid (Title IV) program if

1. The student is in default on any educational (Title IV) loan
2. The student has borrowed in excess of federal (Title IV) loan limits
3. The student owes a refund on federal or state grants or a Federal Perkins Loan due to an overpayment
4. The student has been convicted of violating certain federal or state drug possession or sale laws within a certain time period

A parent may not borrow from the Federal Direct Parent Loan for Undergraduate Students (Parent PLUS) if the parent or student is in default on any educational loan or owes a refund on an educational grant as described above.

Federal law requires, in most cases,that male students born after 1960 be registered with Selective Service to receive financial aid.

There may be other conditions when a student would be ineligible for financial aid—for example,when a student is not maintaining satisfactory academic progress or when not enrolled in an eligible program.

Undergraduates

Federal Pell Grants, Oregon Opportunity Grants, and university scholarships are considered to be part of the student's financial aid package, even though the Office of Student Financial Aid and Scholarships may not determine eligibility for these programs.

The office determines the student's eligibility for and the amount of assistance from the Federal Perkins Loan, the Federal Direct Loan, the Federal Supplemental Educational Opportunity Grant, and the Federal Work-Study Program.

Financial aid offers are made in accordance with federal and state regulations, as well as university policies. Some awards are tentative if selected for verification and may be revised after verification has been completed.

Graduate and Law Students

The Office of Student Financial Aid and Scholarships determines eligibility and the amount of assistance that may be received from the Federal Perkins Loan, Federal Direct UnsubsidizedLoan, Federal Direct Graduate PLUS Loan, and the Federal Work-Study programs. Offers are made in accordance with federal regulations and university policies.

Refunds and Repayment

Students who withdraw from school may be expected to repay a portion of their financial aid. According to a formula prescribed by state and federal regulations, any refundable amount used to pay tuition and fees or for university housing is returned to the appropriate financial aid sources. Students may also be required to pay the unearned portion of assistance that was directly disbursed to them.

Additional information concerning the institution's refund policy may be found on the website for the Office of the Registrar. (https://registrar.uoregon.edu/calendars/refund-schedules)

Additional information concerning return of financial aid (http://financialaid.uoregon.edu/return_of_financial_aid) and participation requirements (http://financialaid.uoregon.edu/participation) may be found on the website for the Office of Student Financial Aid and Scholarships.

Notification of Financial Aid

Beginning in March, financial aid award letters are mailed to first-year students who have supplied the necessary information to the Office of Student Financial Aid and Scholarships and the Office of Admissions. Award letters are then mailed on a continuing basis to those entering students who supply the necessary information to the offices after the March 1 deadline.

When aid is accepted, the student (and spouse if married) and the student's parents (if applicable) may be asked to provide documents, such as federal income tax returns, to verify the information on the application.

Students should read the financial aid award letter and instructions carefully.

An explanation of revision and appeal policies and procedures may be found on the financial aid website. A financial aid package may be revised when a student's eligibility changes. The student receives a revised notification and, if necessary, is advised of any repayment of aid. The federal regulations covering financial aid programs, the explanation of the federal method of determining student and family contributions, and the university policies and procedures for offering financial aid are available in the Office of Student Financial Aid and Scholarships. Students are welcome to review them during office hours or on the financial aid website.

Financial Aid Programs

To be eligible for certain financial aid programs that depend on federal or state funding, the student must be a citizen of the United States or in the United States for other than a temporary purpose and with the intention of becoming a permanent resident. Students who are citizens of the Freely Associated States (the Republic of the Marshall Islands, the Federated States of Micronesia, or the Republic of Palau) may be eligible for certain types of federal (Title IV)aid.

Financial aid is typically disbursed to students near the beginning of a term based on their enrollment at that time. However, financial aid is actuallyearned over the course of a term. Therefore, if a student completes a term at a different enrollment status than he or she began the term, some or all of the student's financial aid may need to be returned.

Federal Pell Grant

This program provides grants (funds that do not require repayment) to eligible undergraduates who do not have a bachelor's degree.

To be eligible for a Federal Pell Grant, a student must be admitted to the university in a program leading to a degree and enrolled in good standing.

The grant is reduced proportionately if the student is enrolled less than full time (12 credits a term).

The Federal Pell Grant program determines eligibility based on the student's and parents' income and assets, or the student's and spouse's if applicable. The university disburses the money.

Federal Supplemental Educational Opportunity Grant (FSEOG)

Federal supplemental grants, which do not need to be repaid, are for undergraduates with exceptional need. To be eligible, a student must be admitted to the university in a program leading to a degree and enrolled in good standing. The amount a student receives is determined by university policy and fund availability.

Funds are granted to the university by the federal government to award to eligible students.

Iraq and Afghanistan Service Grants

The Iraq and Afghanistan Service Grant is afederal grant that, although it does not need to be repaid, has special eligibility criteria. This grant is for undergraduates who

- are not eligible for the Federal Pell Grant on the basis of their expected family contribution but meet the remaining Federal Pell Grant eligibility requirements

- have a parent or guardian who was a member of the US armed forces and died as a result of military service performed in Iraq or Afghanistan after the events of September 11, 2001
- were under 24 years old or enrolled in college at least part-time at the time of their parent's or guardian's death

State of Oregon Opportunity Grants

Oregon Opportunity Grants are awarded to eligible undergraduate Oregon residents who complete the FAFSA.

A grant may be renewed for a total of 12 terms if the student applies each year, demonstrates financial need, is enrolled at least half time (6 credits a term) in a program leading to a degree,and has not completeda bachelor's degree. In addition, the State of Oregon Office of Student Access and Completion (OSAC) requires that a student receive the Oregon Opportunity Grant during the fall term in order to have any eligibility for the remainder of the year.

OSACdetermines eligibility and notifies the university. The funds areprovided by the state and disbursed by the university.

University of Oregon Tuition Waiver (Grant)

The UO Tuition Waiver may remit (reduce) a portion of a full-time Oregon resident's tuition charges, for undergraduates who demonstrate financial need and complete their FAFSA application by the published priority deadline. Funding is limited and the amount a student receives is determined by university policy and fund availability.

Teacher Education Assistance for College and Higher Education Grant (TEACH)

The TEACH program provides up to $4,000 a year to students enrolled in an eligible education program and who agree to teach in a high-need field at a low-income school for at least four years within eight years of completing the program for which the grant was awarded. If these requirements arenot met, the grant converts to a loan, interest is assessed retroactively, and the loan must be repaid.

Federal Work-Study Program

The Federal Work-Study Program provides part-timejobs for students with financial need and who are in good academic standing in an eligible program leading to a degree or certificate.

The amount a student may earn is determined by university policy and fund availability. Students earn an hourly wage based on thetype of work, their skills and experience. Students may work a maximum of 25 hours a week while school is in session.

University departments and offices, as well as approved off-campus nonprofit agencies that perform services in the public interest, list available jobs with the Career Center, 220 Hendricks Hall, and on the center's website. Funds are used to pay a portion of student wages; the employer pays the remainder.

Federal Perkins Loan

The Federal Perkins Loan Program provides long-term, low-interest loans to eligible students who are admitted to an eligible program leading to a degree or certificate and have good academic standing.

The Federal Perkins Loan Program is scheduled to expire on October 1, 2015. For a student to be eligible for the Perkins Loan during the 2015–16 school year, the first disbursement must be made prior to October 1, 2015. For the loan to disburse, it must be accepted; the promissory note and entrance counseling (if applicable) must also have been completed and processed. In addition, students would need to meet other general student eligibility requirements before the loan could disburse. Students should complete all requirements well in advance of the October 1 date to allow sufficient time for processing. Any Perkins loans that are not disbursed by October 1, 2015, will be cancelled and will not be eligible for reinstatement.

The federal maximums that may be borrowed are $5,500 a year for undergraduates, up to a total of $27,500; $8,000 a year for graduate students; $60,000 is the combined maximum for undergraduate and graduate study. The amount a student receives is determined by university policy and fund availability.

Repayment of a Federal Perkins Loan begins nine months after the student ceases to be enrolled at least half time. The minimum repayment is $40 a month or $120 a quarter. However, the actual amount of payments and the length of the repayment period depend on the size of the debt. Interest is charged during the repayment period at the rate of 5 percent a year on the unpaid balance. The university contracts with ECSI Corporation, a third party that will contact borrowers regarding repayment. The maximum repayment period is 10 years.

Repayment of a Federal Perkins Loan that is not delinquent or in default may be deferred if a borrower is enrolled at least half time in an eligible institution.

A borrower of a Federal Perkins Loan may be eligible for other deferments for periods up to three years. For information about deferments, write or call theStudent Loan Office, Office of Business Affairs, 3237 University of Oregon, Eugene OR 97403-0237; call 541-346-3171; or see the office's website.

Repayment of a Federal Perkins Loan is canceled upon the death or permanent total disability of the borrower. In addition, repayment of the loan may be canceled, in full or in part, for public service.

Information about cancellation provisions is available in the Office of Business Affairs and on its website. Additional information regarding the Perkins Loan can be found at https://studentaid.ed.gov.

Federal bankruptcy law generally prohibits student-loan borrowers from the routine discharge of their debts by declaring bankruptcy within seven years after the repayment period begins.

Money available for Federal Perkins Loans is collected from former university borrowers to lend to eligible students.

William D. Ford Federal Direct Student Loan Program

Federal Direct Subsidized Loan

Students must demonstrate need to qualify for a Federal Direct Subsidized Loan. The university determines the amount the student may borrow within federal limits: $3,500 for the first academic year of undergraduate study (up to 44 credits); $4,500 for the second academic year (45–89 credits); and $5,500 an academic year for the remaining years of undergraduate study. Not all students are eligible for the maximums. The Federal Direct Subsidized Loan is for undergraduate students with financial need. The US Department of Education pays the interest (subsidizes) on a Direct Subsidized Loan while the student

is enrolled, during a student's grace period, and during a period of deferment.

Student borrowers must be enrolled in good academic standing at least half time and have been accepted for admission to an eligible program leading to a degree or certificate. Once repayment begins, borrowers are charged a fixed interest rate that is set every July 1. The interest rate for the 2015–16 academic year is 4.29 percent with an origination fee of 1.073 percent (if first disbursed on or after October 1, 2014, and before October 1, 2015) or with an origination fee of 1.068 percent (if first disbursed on or after October 1, 2015 and before October 1, 2016).

If a student receives a Direct Subsidized Loan that is first disbursed between July 1, 2012, and July 1, 2014, he or she will be responsible for paying any interest that accrues during the grace period. If the student chooses not to pay the interest that accrues during the grace period, the interest will be added to his or her principal balance.

Federal Direct Unsubsidized Loan

Direct Unsubsidized Loans are available to students who do not qualify, in whole or in part, for the Direct Subsidized Loan. The university determines the amount the student may borrow within federal limits: $5,500 for the first academic year of undergraduate study (up to 44 credits); $6,500 for the second academic year (45–89 credits); and $7,500 per year for the remaining years of undergraduate study. Not all students are eligible for the maximums.

Direct Unsubsidized Loans are available to undergraduate and graduate students. There is no requirement to demonstrate financial need. The student is responsible for paying the interest on a Direct Unsubsidized Loan during all periods. If the student chooses not to pay the interest while in school and during grace periods and deferment or forbearance periods, the interest will accrue (accumuluate) and be capitalized (that is, your interest will be added to the principal amount of your loan).

A student’s financial need and dependency status determines the amount of the loan offered. Independent students, as defined by answers on the FAFSA, may borrow up to an additional $4,000 in their freshman and sophomore years and up to an additional $5,000 in their junior and senior years.

The interest rate on undergraduate loans for the 2015–16 academic year is 4.29 percent with an origination fee of 1.073 percent (if first disbursed on or after October 1, 2014 and before October 1, 2015) or with an origination fee of 1.068 percent (if first disbursed on or after October 1, 2015 and before October 1, 2016). Interest that accrues during in-school, grace, and authorized deferment periods will be added to the principal when repayment begins. The interest rate for the Direct Unsubsidized Loan is fixed every July 1.

Graduate and law students may borrow up to $20,500 a year depending on their financial need. Interest on this loan for graduate and law students for 2015–16 is5.84 percent with an origination fee of 1.073 percent (if first disbursed on or after October 1, 2014 and before October 1, 2015) or with an origination fee of 1.068 percent (if first disbursed on or after October 1, 2015 and before October 1, 2016).

Additional Federal Direct Unsubsidized Loan

Dependent undergraduate students whose parents are denied access to the Federal Direct Parent Loan for Undergraduate Students (Parent PLUS) program may be eligible for additional Direct Unsubsidized Loan funds. Students with fewer than 90 credits may borrow a maximum of $4,000 a year in additional funds above the maximum Federal Direct Loan limits. Students who have earned 90 credits or more may borrow a maximum of an additional $5,000 a year. Not all applicants qualify for the maximums. The Federal Direct Unsubsidized Loan may be used to replace expected family contribution, but total direct loan (subsidized and unsubsidized) borrowing cannot exceed the cost of education.

Generally, the cumulative amount a student can borrow from all Federal Direct Loans is as follows:

- $31,000 (only 23,000 may be subsidized) as a dependent undergraduate
- $57,500 as an independent undergraduate (only $23,000 of this amount may be subsidized)
- $138,500 as a graduate or professional student

Federal Direct Parent Loan for Undergraduate Students (Parent PLUS)

This program provides loans to parents of dependent undergraduate students. Parents may borrow up to an annual amount that is equal to the cost of education minus any estimated financial assistance the student receives during the periods of enrollment. The borrower may use the amount of the Federal Direct PLUS to replace the expected family contribution for the loan period.

The Federal Direct PLUS is limited to parents who do not have an adverse credit history or who have obtained an endorser who does not have an adverse credit history. A direct loan program servicer, contracted by the federal government, performs the required credit check. The interest on the Federal Direct PLUS is fixed every July 1. The interest rate for 2015–16 is6.84 percent with an origination fee of4.292 percent (if first disbursed on or after October 1, 2014 and before October 1, 2015) or with an origination fee of4.272 percent (if first disbursed on or after October 1, 2015 and before October 1, 2016).

Parents interested in participating in the Federal Direct PLUS program may request the loan by visiting the US Department of Education website (https://studentloans.gov).

Federal PLUS Loan for Graduate and Professional Students (Graduate PLUS)

This program is offered to qualified students with or without financial need, but the student must have financial aid eligibility. Like other direct loans for students, the US Department of Education is the direct lender of the Graduate PLUS. Typically, repayment must begin within 60 days after the Graduate PLUS is disbursed. However, students who meet the requirements may obtain an in-school deferment from the US Department of Education. There is no grace period for this loan. Interest begins to accrue at the time the first disbursement is made at a fixed rate set every July 1. The interest rate for 2015–16 is 6.84 percent with an origination fee of 4.292 percent (if first disbursed on or after October 1, 2014 and before October 1, 2015) or with an origination fee of 4.272 percent (if first disbursed on or after October 1, 2015 and before October 1, 2016).

Repayment

Payment of all Direct Loans are handled through an assigned direct loan servicer. To locate the appropriate direct loan servicer, the student may sign in to the National Student Loan Data System (https://www.nslds.ed.gov).

Repayment of Federal Direct Loans (subsidized and unsubsidized) begins six months after termination of at least half-time enrollment. Repayment of Federal PLUS loans typically begins within 60 days of the last disbursement of the loan. A deferment may be requested after loan

approval. Borrowers have the right to prepay their loans without penalty. Furthermore, they may choose from the following repayment plans:

- a standard repayment plan with a fixed payment amount (at least $50 a month) over a fixed period of time, not to exceed 10 years
- an extended repayment plan with a fixed or graduated annual repayment of at least $50 a month over a period of up to 25 years, depending on the total amount owed
- a graduated repayment schedule in which payments are lower at first and then increase, usually every two years, over a period of as much as 10 years
- an income-contingent repayment plan with varying annual repayment amounts based on the total amount owed and the annual income of the borrower (and that of the borrower's spouse, if a joint return is filed) paid over a period not to exceed 25 years (Parent PLUS Loans are not eligible for this plan)
- an income-based repayment plan designed to make repaying federal loans easier for students who intend to pursue jobs with lower salaries such as careers in public service. Monthly payments are capped at a percentage of the borrower's discretionary income, which is based on family size and income rather than total amount borrowed. Payments change as the borrower's income changes and made over a period of up to 25 years
- the Pay As You Earn Plan is the most recent option, designed for new borrowers (since 2008) with at least a partial financial hardship. Payment amounts change as the borrower's income changes, with a repayment period of up to 20 years (Parent PLUS Loans are not eligible for this plan, unless it is part of a Direct Consolidation Loan).

If the borrower does not select one of these five plans, the Department of Education assigns the standard repayment plan.Visit studentaid.ed.gov (http://studentaid.ed.gov) for details on all repayment plans.

The borrower's repayment liability is discharged if the borrower becomes permanently and totally disabled or dies or if the student for whom a parent has borrowed dies. Federal Direct Student Loans are generally not dischargeable in bankruptcy.

Deferring Repayment

Repayment of a Federal Direct Student Loan that is not in default may be deferred for

- at least half-time enrollment in an eligible program at an eligible school
- an approved graduate fellowship program or rehabilitation training program for disabled individuals (except medical internship or residency program)
- unemployment (up to three years)
- economic hardship (up to three years)

During periods of approved deferment, a Federal Direct Subsidized Loan borrower does not need to make payments of principal, and the interest is paid by the federal government. For the Federal Direct Unsubsidized or PLUS borrower, principal repayment may be deferred, but interest continues to accrue and is capitalized or paid by the borrower during that time.

Forbearance

A direct loan borrower or endorser may receive forbearance from the federal government if the borrower or endorser is willing but unable to make scheduled loan payments. Forbearance is the temporary cessation of payments, an extension of time for making payments, or the temporary acceptance of smaller payments than previously scheduled. Forbearance may be granted for up to 12 months for reasons such as financial hardship, illness, or while serving in a medical or dental internship or residency program.

Deferments and forbearance are handled by the assigned direct loan servicer. To locate the appropriate direct loan servicer, the student may sign in to the National Student Loan Data System at https://www.nslds.ed.gov/nslds/.

Federal Direct Consolidation Loan

Loan consolidation is a way of lowering monthly payments by combining several federal loans into one loan at the time of repayment. Borrowers may consolidate any amount of eligible loans including those borrowed under the Federal Family Education Loan program, the Federal Perkins Loan program, and the Direct Loan Program. The interest rate is fixed at the time of consolidation based on the weighted average of the loans being consolidated. Repayment of Consolidation loans may extend to 30 years depending on the repayment plan selected and the amount borrowed. The result of a longer repayment term, however, is an increase in the total cost of the loan.

Entrance and Exit Counseling

First-time Direct Subsidized, Unsubsidized, and Graduate PLUS Loan borrowers must participate in entrance counseling before a loan disbursement can be made.

Shortly before graduating from or terminating enrollment at the University of Oregon, borrowers must also participate in exit loan counseling.

Both entrance and exit counseling sessions are completed on the federal student loan website (https://studentloans.gov).

Alternative Loans

Privately funded loans are not based on need and no federal formula is applied to determine eligibility. However, the amount borrowed cannot exceed the cost of education minus other financial aid. Interest rates and repayment terms vary, but are generally less favorable than those provided through the federal direct lending program. Private loans are used to supplement the federal programs when the cost of education minus federal aid still leaves unmet need. Information is available in the Office of Student Financial Aid and Scholarships or on its website under *Alternative Student Loans*.

Debt Management and Default Reduction

The University of Oregon is committed to helping students achieve sound financial planning and debt management. Information about loans, repayment options, and debt management strategies is available in the Office of Student Financial Aid and Scholarships and on its website.

Scholarships

Scholarships Awarded by a Department or School

Undergraduate and graduate students who have selected a major field of study should consult the appropriate school or department about possible scholarships and application procedures and requirements.

Many departments offer outstanding graduate students assistantships and fellowships, which include an instructional fee waiver, a monthly

salary, and health insurance benefits, are offered to outstanding graduate students by many departments. Each year the College of Arts and Sciences solicits and screens applicants for Rhodes, Truman, Churchill, Marshall, and Mellon graduate fellowships.

National ROTC Scholarships

The Army Reserve Officers Training Corps (ROTC) Scholarship Program sponsors two-, three-, and four-year scholarships. These scholarships include full tuition and fees, an annual book allowance of $1,200, and a monthly stipend of $300 for a freshman, $350 for a sophomore, $450 for a junior, and $500 for a senior. An additional housing subsidy for a portion of the cost is provided to qualifying students. For more information, call the Department of Military Science, 800-542-3945. High school students also can contact their school's counselor.

National and Community Service Trust Act

This legislation created Americorps, which gives citizens the opportunity to perform community service in the United States and, for that service, receive an education award. This award can be used to pay for postsecondary education or to repay qualified student loans. Information about Americorps is available online.

Scholarships Awarded through the Office of Student Financial Aid and Scholarships

General University Scholarships

This group of university scholarships is not attached to a particular department or school. Detailed information is available on the financial aid website. All of these scholarships require academic achievement (merit). Some of them require financial need. Scholarships administered by this office are governed by the University Scholarship Committee, whose members are drawn from the faculty, the staff, and the student body. This committee reviews and formulates policies and evaluates applicants' academic qualifications.

A single application form is used for all the scholarships in this group. Application and recommendation forms are available in the office and on its website. Applicants must provide copies of academic transcripts from schools they have attended.

Prospective students entering from high school need only to apply for admission by the January 15 deadline to be considered for scholarships in this group. For students transferring from another college, the deadline to apply for admission and submit a scholarship application and supporting documents is February 15. Continuing UO students must apply by February 15 as well.

When awarding financial assistance, the university does not discriminate on the basis of race, sex, religion, disability, age, national origin, veteran or marital status, or sexual orientation.

Presidential Scholarship

In 1983, the university established the Presidential Scholarship Program to recognize and reward outstanding Oregon high school graduates. Presidential Scholarships awarded in 2015–16 will be $9,000 a year for four years (12 terms).

Incoming resident freshmen must submit the Presidential Scholarship application (https://tembo.uoregon.edu/scholarships/presidential) (available on the financial aid office website)—in addition to applying for admission—by January 15.

Selection is based on academic achievement and leadership. To retain the scholarships for four years, recipients are expected to maintain a 3.25 grade point average at the university.

Stamps Scholarship

The Stamps Scholarship is awarded competitively to the state's brightest incoming freshman students. Scholars receive UO tuition with room and board for four years of undergraduate study. Approximately five students per year are awarded this merit-based scholarship by the Stamps Family Charitable Foundation in partnership with the University of Oregon. Recipients also benefit from as much as $12,000 in enrichment funds to be used over four years to help them pursue study abroad, unpaid internships, or other experiences. In addition, students who receive a Stamps Scholarship are automatically granted admission to the University of Oregon's Robert Donald Clark Honors College.

Eligibility Requirements

To apply and compete for this scholarship, a student must

- be an Oregon resident, graduating from an Oregon high school
- be an incoming freshman
- have a minimum 3.85 cumulative high school grade point average on a 4.00 scale
- have a minimum 1240 combined mathematics and critical reading SAT score or 28 ACT composite score
- exemplify leadership, perseverance, scholarship, service, and innovation

Interested students may apply online. The submission deadline is November 1. Admission application materials, including test scores, must be provided to the University of Oregon by December 1.You must also apply for admission to the UO by November 1 and be admitted by December 15.

Your scholarship application will be evaluated along with the academic transcripts and test scores included in your UO Undergraduate Admissions Application.

The University of Oregon interviews as many as 18 semifinalists; 10 will be interviewed by the Stamps Family Charitable Foundation. The Stamps Foundation will make the final selection of the five recipients, who are notified by March 15.

Scholarship Renewal

Stamps Scholarships are available for up to 12 terms, renewed annually, provided recipients meet the following requirements:

- Enroll in and complete a minimum of 12 UO credits per term
- Maintain a 3.25 UO grade point average

See the financial aid website (http://financialaid.uoregon.edu/stamps_scholarship) for applications and filing deadlines.

National Merit Scholarships

The University of Oregon participates with the National Merit Scholarship Corporation to award merit-based scholarships to incoming freshmen. Interested high school students should consult their high school counselors and arrange to take the Preliminary Scholastic Assessment Test (PSAT) in their junior year. This test is usually offered during October.

Diversity Excellence Scholarship

The University of Oregon Diversity Excellence Scholarship recognizes undergraduate and graduate students who enhance the educational experience of all students by sharing diverse cultural experiences. These tuition-remission scholarships are an integral part of the university's effort to meet the educational-diversity needs of its students, and they complement other programs in the UO diversity plan (http://inclusion.uoregon.edu/diversity-strategic-action-plan-progress-reports).

Diversity Excellence Scholarships awarded to undergraduates in 2015-16 will be $6,500; graduate student awards will be $9,000. The amount of each award is determined by the UO Diversity Excellence Scholarship Committee. Scholarships are renewable for up to 16 terms for entering freshmen, and are prorated for transfer, continuing, and graduate students. Recipients must meet specific scholarship renewal requirements to retain their scholarships.

Scholarship Criteria

In order to be considered for this scholarship, an applicant must be a United States citizen or permanent resident and be a currently enrolled UO student with at least a 2.50 GPA, or apply for admission and meet standard UO admission requirements and have a 3.00 high school GPA. Scholarship recipients are selected competitively by the UO Diversity Excellence Scholarship Committee. Priority consideration is given to students who demonstrate the following:

1. commitment to diversity through documented history of community service, leadership, or other activities
2. educational background and performance as documented by official high school and/or college transcripts
3. financial aid eligibility as determined by federal guidelines
4. ethnic minority status consistent with the UO Campus Diversity Plan
5. status as a first generation or nontraditional student as determined by federal guidelines
6. residence in the state of Oregon

Application

The application is electronic and the submission deadline for the Diversity Excellence Scholarship is January 15. Application forms are available on the Office of Financial Aid and Scholarships website.

Summit Scholarship

The Summit Scholarship for incoming freshmanin 2015–16is awarded to Oregon resident scholars with a $24,000 payout over four years, and to out-of-state scholars with a $36,000 payout over four years.

Scholarship Criteria

- Minimum 3.80 high school GPA on a 4.00 scale
- Minimum score of 1190 on the SAT or 26 on the ACT

The SAT score is based on the critical reading and mathematics sections only, and is the highest combined score. The ACT score is the highest composite score. Students who fail to meet the above criteria may qualify instead for the Apex Scholarship.

Award Information

Oregon residents receive $6,000 per year for four years. Out-of-state students receive $9,000 per year for four years. The Summit Scholarship may be combined with other scholarships, including the Presidential, Diversity Excellence, and General University Scholarships. Summit Scholarships may not be combined with the Apex Scholarship.

Application Procedures

Students who apply for admission by January 15 and meet the criteria are automatically awarded the Summit Scholarship. No separate application is required. Application materials, including test scores, must be received by the February 15 document deadline.

Electronic submission of scores is preferred. When taking the test, students should list the UO as one of the score recipients. The school code number for the SAT Reasoning Test is 4846; the code for the ACT is 3498.

Scholarship Renewal

Summit Scholarships are renewable for up to 12 academic terms (excluding summer session) within a five-year period. Renewal awards require a minimum 3.00 cumulative UO GPA and completion of 36 credits per year.

Apex Scholarship

The Apex Scholarship for incoming freshman in 2015–16 is awarded to Oregon resident scholars with a $12,000 payout over four years and to out-of-state scholars with $16,000 over four years.

Scholarship Criteria

- Minimum 3.60 high school GPA on a 4.00 scale
- Minimum score of 1150 on the SAT or 25 on the ACT

The SAT score is based on the critical reading and mathematics sections only, and is the highest combined score. The ACT score is the highest composite score. Students whose GPA and test scores are higher than the above criteria may instead qualify for the Summit Scholarship.

Award Information

Oregon residents receive $3,000 per year for four years. Out-of-state students receive $4,000 per year for four years. The Apex Scholarship may be combined with other scholarships, including the Presidential, Diversity Excellence, and General University Scholarships. Apex Scholarships may not be combined with the Summit Scholarship.

Application Procedures

Students who apply for admission by January 15 and meet the criteria are automatically awarded the Apex Scholarship. No separate application is required. Application materials, including test scores, must be received by the February 15 document deadline.

Electronic submission of scores is preferred.When taking the test, students should list the UO as one of the score recipients. The school code number for the SAT Reasoning Test is 4846; the code for the ACT is 3498.

Students whose high school GPA or standardized test scores improve sufficiently to make them eligible for the Summit Scholarship by the February 15 document deadline should have their latest transcripts and SAT or ACT scores sent to the UO Office of Admissions by that date. They will be notified of changes by April 1. New scholarship awards will not be made based on transcripts or test scores received after February 15.

Scholarship Renewal

Apex Scholarships are renewable for up to 12 academic terms (excluding summer session) within a five-year period. Renewal awards require a minimum 3.00 cumulative UO GPA and completion of 36 credits per year.

Pathway Oregon

Pathway Oregon is the university's promise of full tuition and fees for Oregon residentswho are academically qualified and eligible for the Federal Pell Grant. Eligible students will have their tuition andfees covered by a combination offederal, state, and university grants and scholarships for up to four years. Students also receive the academic and personal support that enable them to succeed and graduate from the UO within 12 terms.

To be automatically eligible for Pathway Oregon, students must

- be Oregon residents, have graduated from an Oregon high school in the last two years, and be admitted to the UO as first-time freshmen
- complete a UO admissions applicationby January 15
- establish Federal Pell Grant eligibility by filing the Free Application for Federal Student Aid (FAFSA) by the March 1 deadline (include the UO code **003223** as a college choice)
- earn a minimum 3.40 high school GPA

Students who earn less than a 3.40 high school GPA but meet all other program eligibility criteria will be considered for the program on a space- and funding-available basis.

Renewal Criteria

- Remain Pell-eligible
- File the FAFSA by March 1
- Enroll for and maintain full-time attendance
- Make satisfactory academic progress

Academic and Career Planning

Advising

Office of Academic Advising

364 Oregon Hall
advising.uoregon.edu

The University of Oregon offers undergraduate students a choice of more than 2,000 courses. Out of these courses individualized programs emerge, reflecting each student's special interests, goals, and aspirations. Translating these goals and interests into courses, majors, and minors requires careful planning. For this reason, students must seek the assistance of academic advisors and may not complete their first term's registration without discussing options with an advisor.

The importance of program planning cannot be overemphasized. A sound academic program indicates a growing intellectual maturity and sharpening of focus. A poorly planned program demonstrates the lack of clear direction.

The faculty advisor provides the student with an intellectual framework in which intelligent planning and decision-making can be completed, so students are strongly urged to consult advisors regularly. The university considers advising an extension of teaching and regards it as a primary responsibility of faculty members, who schedule time each term especially for advising.

Students who have declared majors are assigned to faculty advisors in their departments. The Office of Academic Advising coordinates advising for students who have not declared majors and for those interested in law professions. See also Academic Advising in the **Undergraduate Studies** section of this catalog.

General Principles in Program Planning

1. To earn a degree in four years (twelve terms), students should average 15 credits a term. In planning a term's studies, students should anticipate that each credit requires at least three hours a week for class meetings or homework
2. Each term's schedule should be planned to include the university bachelor's degree requirements and requirements for the major. Major requirements are listed in this catalog under the academic department headings. Students who have not selected a major should spend some time exploring possible majors
3. Students should read the course descriptions in this catalog and the notes in the class schedule to learn course pre- or corequisites
4. Many university major disciplines and courses require competence in mathematics. Mathematics should be started in the first year
5. A second language, whether required or elective, should also be started in the first year if possible. Students planning to study abroad on an international exchange program during the sophomore or junior year should achieve competence in a language early
6. Each student should prepare a four-year model program of courses and discuss the program with the assigned departmental faculty advisor
7. New students might want to explore some special curricular programs: Freshman Interest Groups, Transfer Seminars, Freshman Seminars, College Scholars, and Faculty Perspective Seminars. These programs should be investigated early in the first year
8. Sound planning is necessary to design a program that combines courses demanding extensive reading, daily exercises, laboratory work, and lengthy papers
9. Planning might also include the use of university resources for improving skills in reading, computation, note-taking, test-taking, and writing

Academic Majors, Minors, and Careers

University of Oregon undergraduate students must complete at least one academic major to graduate. A minor is another way to focus studies toward career and interest areas. Inquiries about minors should be directed to specific departments. Faculty advisors in the respective departments are the best sources of information about majors and minors.

Career Planning

Career Center

Hendricks Hall, Second Floor
career.uoregon.edu

Setting clear and achievable goals for the college years is very important. In addition to selecting a major before the end of the second year and participating in internships or volunteer work, it is also important to identify the skills and the knowledge you are interested in strengthening and creating a plan to achieve that goal.

Identifying a Career. Although the availability of employment is important in choosing majors and careers, it should not be the only

consideration. Students should determine if their strengths are being used and developed in the major field they have chosen and if their interests lie in that field. Assistance in determining both strengths and interests is available to students from a variety of sources at the Career Center.

Explore and Prepare. Through individual advising appointments, group workshops, and classes, staff members of the Career Center facilitate the process of identifying potential career paths. Students can find information about careers with the following resources:

- **One-on-One Appointments.** Staff members help students determine the best steps to take in reaching specific career goals.
- **Career Development Classes.** The center offers 2-credit courses to assist students in career development, major selection, and preparation for internship and job searches. Seminar: [Topic] (CAS407) (Career Decisions) covers self-assessment, career exploration, and decision-making; Seminar: [Topic] (CAS407) (Prepare for Internship and Job Search) focuses on writing résumés and cover letters, networking, and interviewing. In both seminars, students create and implement an action plan tailored to their specific goals and career development. Class meeting dates and times are posted in the *UO Schedule of Classes.*
- **Group Sessions and Workshops.** The center hosts several sessions each term on a variety of career topics, including self-assessment (Myers-Briggs Type Indicator and Strong Interest Inventory) and job and internship strategies, such as résumé and cover-letter writing, interviewing skills, internship and full-time job searches, and finding part-time work while attending college, among others. Dates and times are posted on the Career Center website.

Roughly 80 percent of job offerings are never posted but are instead found through networking and internships. The Career Center offers opportunities to introduce students to employers and professionals and to help them gain job experience through a variety of ways.

- **Go Intern! Program.** This program offers students academic credit for engaging in supervised, preprofessional, career-related learning experiences. Students gain professional experience, develop skills, explore career fields, and contribute to the goals of their internship site, all while earning credit. More information may be found on the center website.
- **Career Fairs and Events.** The center brings representatives from local, national, and international companies and organizations to career and internship fairs throughout the academic year. Attending career fairs, employer presentations, and industry panels can clarify for students specifics about potential careers and employer expectations. In addition, the center hosts a multitude of events throughout the year designed to enhance student career development as well as the opportunity for students to interact with employers. Topics, dates, and times are posted on the center website.
- **UOAdvantage.** UOAdvantage (https://uoadvantage.uoregon.edu) is a tool to aid students in experiential learning opportunities and help them prepare for next steps after college. The UOAdvantage online interface allows students to record, organize, strategize, process, endorse, and promote their college internship experiences.
- **The Professional Network.** Located in Duck Connect, the university's online job and internships database, the Professional Network is a group of professionals and parents who are committed to helping UO students throughout their career development.
- **Duck Connect.** Each year, thousands of jobs—part-time, full-time, on-campus work-study, summer, international, and internship opportunities—are posted in Duck Connect (https://career.uoregon.edu/duckconnect). In addition, the system houses several job search resources you can access anytime.
- **On-Campus Recruitment.** Hundreds of organizations conduct on-campus interviews with UO students for the purpose of hiring for their career positions, internships, or summer jobs. Many of these organizations also volunteer their time to provide practice interview experience to students who wish to gain practical and professional career-development skills.
- **Career Center Partner Program.** This program helps to introduce students to the employers who are committed to hiring UO students. These employers offer a variety of opportunities, ranging from part-time jobs to internships and career positions.
- **Alumni Career Services.** The center offers services to meet the needs of alumni seeking assistance in building their careers. Alumni are welcome to continue using the center's free services in Eugene or Portlandforup to one year after graduation. After that period expires, alumni are welcome to use career-coaching services for a fee. Career fairs, Duck Connect, and the center website are available to all alumni, regardless of graduation date.
- **Student Employment Enhancement.** One of the best ways to gain professional experience during college is through on-campus employment. Hundreds of student employee positions are available each year at a variety of times. In an effort to make the student employee experience as meaningful as possible, this program was created to support student supervisors. An evolving initiative, and you can learn more about it online (https://career.uoregon.edu/facultystaff/student-services/student-employment-enhancement).

Support

The UO Career Center is committed to providing customized opportunities and collaborative partnerships that support students who identify as traditionally underrepresented or underserved on campus.

Multicultural Career Alliance. The alliance provides programming focused on career exploration and future employment opportunities for students and alumni of color, student and alumni veterans, students and alumni who identify as LGBT, students and alumni with disabilities, in addition to all students and alumni whose communities are traditionally underrepresented on campus.

- **Diversity Career Symposium.** An all-day event hosted by the alliance. It provides students and alumni with the tools they need to secure a job or internship and allows them to meet employers that support and celebrate diversity.
- **International Student Career Alliance.** A collaborative effort to respond strategically and systemically to the career and professional development needs and opportunities of international students on campus.
- **Student Veteran Career Peer Advising.** Student veterans on campus are provided with career assistance through peer advising sessions. The services being offered include résumé and cover-letter assistance as well as full- and part-time job and internship searches.

The services and committees listed above have opportunities for students to get involved. E-mail career@uoregon.edu to learn more.

Majors

- Accounting (p. 492): BA, BS
- Anthropology (p. 65): BA, BS
- Architecture (p. 410): BArch
- Art (p. 420): BA, BS, BFA
- Art history (p. 443): BA
- Asian studies (p. 74): BA
- Biochemistry (p. 93): BA, BS
- Biology (p. 79): BA, BS
- Business administration (p. 504): BA, BS
- Ceramics (p. 420): BFA
- Chemistry (p. 93): BA, BS
- Chinese (p. 137): BA
- Cinema studies (p. 106): BA
- Classics (p. 108): BA
- Communication disorders and sciences (p. 553): BA, BS
- Comparative literature (p. 114): BA
- Computer and information science (p. 123): BA, BS
- Dance (p. 636): BA, BS
- Digital arts (p. 420): BA, BS, BFA
- Economics (p. 152): BA, BS
- Educational foundations (p. 545): BA, BS, BEd
- English (p. 162): BA
- Environmental science (p. 176): BA, BS
- Environmental studies (p. 176): BA, BS
- Ethnic studies (p. 183): BA, BS
- Family and human services (p. 532): BA, BS, BEd
- Fibers (p. 420): BFA
- Folklore (p. 187): BA
- French (p. 356): BA
- General science (p. 194): BA, BS
- General social science (p. 196): BA, BS
- Geography (p. 197): BA, BS
- Geological sciences (p. 208): BA, BS
- German (p. 223): BA
- History (p. 233): BA, BS
- Humanities (p. 243): BA
- Human physiology (p. 246): BA, BS
- Interior architecture (p. 450): BIArch
- International studies (p. 254): BA, BS
- Italian (p. 356): BA
- Japanese (p. 137): BA
- Journalism (p. 569): BA, BS
- Journalism: advertising (p. 580): BA, BS
- Journalism: communication studies: BA *inactive*, BS *inactive*
- Journalism: media studies (p. 589): BA, BS
- Journalism: public relations (p. 598): BA, BS
- Judaic studies (p. 271): BA
- Landscape architecture (p. 457): BLA
- Latin American studies (p. 273): BA
- Linguistics (p. 276): BA
- Marine biology (p. 79): BA, BS
- Material and product studies (p. 481): BA, BS
- Mathematics (p. 284): BA, BS
- Mathematics and computer science (p. 297): BA, BS
- Medieval studies (p. 308): BA
- Metalsmithing and jewelry (p. 420): BFA
- Music (p. 650): BA, BS
- Music composition (p. 650): BMus
- Music education (p. 650): BMME
- Music: jazz studies (p. 650): BMus
- Music performance (p. 650): BMus
- Painting (p. 420): BFA
- Philosophy (p. 313): BA, BS
- Photography (p. 420): BFA
- Physics (p. 321): BA, BS
- Planning, public policy and management (p. 469): BA, BS
- Political science (p. 333): BA, BS
- Printmaking (p. 420): BFA
- Product design (p. 481): BFA
- Psychology (p. 341): BA, BS
- Religious studies (p. 350): BA, BS
- Romance languages (p. 356): BA
- Russian, East European, and Eurasian studies (p. 373): BA
- Sculpture (p. 420): BFA
- Sociology (p. 379): BA, BS
- Spanish (p. 356): BA
- Theater arts (p. 387): BA, BS
- Women’s and gender studies (p. 393): BA, BS

Majors, Minors, Options

University of Oregon undergraduate students must complete an academic major to graduate; they may also complete additional majors, minors, or both. Options within majors or minors are additional ways of focusing academic interests, but they do not appear on academic transcripts. Other terms used for options include areas of concentration, emphasis, focus, or specialization; preparatory programs; primary and secondary areas or subjects; fields or subfields; programs of emphasis or study; and tracks. Technically, there are no minors in graduate degree and certificate programs. Graduate students also may pursue options within their major disciplines.

Minors

- African studies (p. 58)
- Anthropology (p. 65)
- Arabic studies (p. 350)
- Architecture (p. 410)
- Art (p. 420)
- Art history (p. 443)
- Arts management (p. 433)
- Biochemistry (p. 93)
- Biology (p. 79)
- Business administration (p. 518)
- Chemistry (p. 93)
- Chinese (p. 137)
- Classical civilization (p. 108)
- Comics and cartoon studies (p. 164)
- Communication studies *inactive*
- Community arts *inactive*
- Comparative literature
- Computer and information science (p. 123)
- Computer information technology (p. 123)
- Creative writing
- Dance (p. 636)
- East Asian studies (p. 74)
- Economics (p. 152)
- English (p. 164)
- Environmental studies (p. 176)
- Ethics
- Ethnic studies (p. 183)
- European studies (p. 186)
- Folklore (p. 187)
- French (p. 356)
- Geography (p. 197)
- Geological sciences (p. 208)
- German (p. 223)
- German studies (p. 231)
- Greek (p. 108)
- Historic preservation (p. 439)
- History (p. 233)
- Interior architecture (p. 450)
- Italian (p. 356)
- Japanese (p. 137)
- Judaic studies (p. 271)
- Korean (p. 137)
- Landscape architecture (p. 457)
- Latin (p. 108)
- Latin American studies (p. 273)
- Linguistics (p. 276)
- Mathematics (p. 284)
- Media studies (p. 621)
- Medieval studies (p. 308)
- Multimedia (p. 420)
- Music (p. 650)
- Music technology (p. 650)
- Native American studies (p. 309)
- Nonprofit administration (p. 457)
- Peace studies (p. 312)
- Philosophy (p. 313)
- Physics (p. 321)
- Planning, public policy and management (p. 457)
- Political science (p. 333)
- Product design (p. 481)
- Psychology (p. 341)
- Queer studies
- Religious studies (p. 350)
- Russian, East European, and Eurasian studies (p. 373)
- Scandinavian (p. 223)
- Sociology
- South Asian studies (p. 74)
- Southeast Asian studies (p. 74)
- Spanish (p. 356)
- Special (p. 553)education
- Theater arts (p. 387)
- Women's and gender studies (p. 393)
- Writing, public speaking, and critical reasoning (p. 164)

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Graduate Majors and Specializations

Graduate Majors

- Accounting (p. 493): MActg, PhD
- American law (p. 627): LLM
- Anthropology (p.): MA, MS, PhD
- Applied information management. See Interdisciplinary studies: applied information management
- Applied physics (p. 326): MS
- Architecture (p. 412): MArch, MS, PhD
- Art (p. 424): MFA
- Art history (p. 445): MA, PhD
- Arts management (p. 434): MA, MS
- Asian studies (p. 75): MA; MS *inactive*
- Biology (p. 84): MA, MS, PhD
- Business law (p. 627):LLM
- Chemistry (p. 99): MA, MS, PhD
- Classics (p. 110): MA
- Communication disorders and sciences (p. 555): MA, MS, PhD
- Community and regional planning (p. 471): MCRP
- Comparative literature (p. 116): MA*, PhD
- Computer and information science (p. 128): MA MS, PhD
- Conflict and dispute resolution (p. 627): MA, MS
- Counseling, family, and human services (p. 534): MA, MS, MEd
- Counseling psychology (p. 534): DEd, PhD
- Couples and family therapy (p. 534): MS
- Creative writing (p. 135): MFA
- Critical and sociocultural studies in education (p. 546): PhD
- Curriculum and teacher education (p. 546): MS
- Curriculum and teaching (p. 546): MEd
- Dance (p. 639): MA, MS, MFA
- East Asian languages and literatures (p. 140): MA, PhD
- Economics (p. 151): MA, MS, PhD
- Educational leadership (p. 541): MA, MS, MEd, DEd, PhD
- English (p. 166): MA, PhD
- Environmental and natural resources law (p. 627): LLM
- Environmental sciences, studies, and policy (p. 179): PhD
- Environmental studies (p. 179): MA, MS
- Finance (p. 499): MA*, MS*, PhD
- Folklore (p. 189): MA, MS
- French (p. 358): MA
- General business (p. 506): MBA
- Geography (p. 201): MA, MS, PhD
- Geological sciences (p. 217): MA, MS, PhD
- German (p. 225): MA, PhD
- Historic preservation (p. 440): MS
- History (p. 235): MA, PhD
- Human physiology (p. 248): MS, PhD
- Interdisciplinary studies: applied information management (p. 710): MS
- Interdisciplinary studies: individualized program: MA, MS (e.g., religious studies)
- Interdisciplinary studies: teaching: one subject: MA *inactive*
- Interior architecture (p. 452): MIArch, MS
- Intermedia music technology (p. 658): MMus
- International studies (p. 267): MA
- Italian (p. 358): MA
- Journalism (p. 572): MA, MS
- Journalism: advertising: MA, MS
- Journalism: magazine: MA, MS *inactive*
- Journalism: news-editorial: MA, MS *inactive*
- Landscape architecture (p. 460): MLA, PhD
- Law (p. 627): JD
- Linguistics (p. 277): MA, PhD
- Management (p. 506): MA*, MS*, PhD
- Marketing (p. 514): MA*, MS*, PhD
- Mathematics (p. 289): MA, MS, PhD
- Media studies (p.):MA, MS, PhD
- Multimedia journalism (p. 572): MA, MS
- Music composition (p. 658): MMus, DMA, PhD
- Music: conducting (p. 658): MMus
- Music education (p. 658): MMus, PhD
- Music: jazz studies (p. 658): MMus
- Musicology (p. 658): MA, PhD
- Music performance (p. 658): MMus, DMA
- Music: piano pedagogy (p. 658): MMus
- Music theory (p. 658): MA, PhD
- Nonprofit management (p. 471): MNM
-
- Operations and business analytics (p. 521): MA*, MS*, PhD
- Philosophy (p. 315): MA, PhD
- Physics (p. 326): MA, MS, PhD
- Political science (p. 334): MA, MS, PhD
- Psychology (p. 343): MA, MS, PhD
- Public administration (p. 471): MPA
- Romance languages (p. 358): MA, PhD
- Russian, East European, and Eurasian studies (p. 374): MA
- School psychology (p. 555): MA, MS, MEd, PhD
- Sociology (p. 382): MA*, MS*, PhD
- Spanish (p. 358): MA
- Special education (p. 555): MA, MS, MEd, DEd, PhD
- Special education: rehabilitation (p. 555): DEd, PhD
- Sports product management (p. 486): MS
- Strategic communication (p. 615): MA, MS
- Theater arts (p. 388): MA, MS, MFA, PhD

Those programs through which a master's degree is only attainable en route to a doctoral degree are marked with an asterisk (*).

Graduate Specializations

- African studies
- Finance and securities analysis
- Food studies (http://foodstudies.uoregon.edu/graduate-specialization-in-food-studies)
- Housing
- Innovation and entrepreneurship
- Interior architecture
- Neuroscience
- Performance arts management
- Prevention science
- Spanish language psychological service and research
- Sports business
- Sustainable business practices
- Translation studies
- Urban architecture and urban design

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Certificates

- Communication disorders: graduate (p. 555)
- Communication ethics (p. 568): graduate (p. 568)
- Continuing administrator—superintendent (p. 539): graduate (p. 539)
- Early childhood: graduate *inactive*
- Early childhood–elementary special education (p. 555): graduate* (p. 555)
- Early intervention–early childhood special education (p. 555): graduate (p. 555)
- Ecological design (p. 415): graduate (p. 415)
- Elementary (p. 526): graduate (p. 526)
- English for speakers of other languages (p. 546): graduate (p. 546)
- English for speakers of other languages—bilingual (p. 546): graduate (p. 546)
- Film studies (p. 106): undergraduate (p. 106)
- Folklore: undergraduate
- Global management (p. 508): undergraduate (p. 508)
- Initial administrator (p. 539): graduate (p. 539)
- Integrated teaching: graduate
- Middle-secondary education (p. 526): graduate (p. 526)
- Middle-secondary special education (p. 555): graduate (p. 555)*
- Museum studies (p. 467): graduate (p. 467)
- Music education (p. 526): graduate (p. 526)
- New media and culture (p. 467): graduate (p. 467)
- Nonprofit management (p. 471): graduate (p. 471)
- Online learning: graduate
- Oregon leadership in sustainability (p. 471): graduate (p. 471)
- Reading education teaching: graduate *inactive*
- Russian, East European, and Eurasian studies (p. 374): undergraduate (p. 374)*inactive*,graduate
- School psychology (p. 555): graduate (p. 555)
- Second-language acquisition and teaching (p. 279): undergraduate (p. 279)
- Technical teaching in architecture (p. 415): graduate (p. 415)
- Women's and gender studies (p. 395): graduate (p. 395)
- Writing, public speaking, and critical reasoning (p. 168): undergraduate (p. 168)

** Effective fall 2012, students will no longer be admitted to this certificate program*

Majors, Minors, Options

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General-Education Courses

See the Office of the Registrar page for more information about group-satisfying and multicultural courses: registrar.uoregon.edu/group_courses.

Arts and Letters

AAAP120	University of Oregon: Preservation and Place	4
AAD250	Art and Human Values	4
AAD251	The Arts and Visual Literacy	4
AAD252	Art and Gender	4
AAD301	Understanding Arts and Creative Sectors	4
ARB353	Arab Cinema	4
ARH101	Global Masterpieces: Monuments in Context	4
ARH204	History of Western Art I	4
ARH205	History of Western Art II	4
ARH206	History of Western Art III	4
ARH207	History of Indian Art	4
ARH208	History of Chinese Art	4
ARH209	History of Japanese Art	4
ARH210	Contemporary Asian Art and Architecture	4
ARH314	History of Western Architecture I	4
ARH315	History of Western Architecture II	4
ARH320M	History of Jewish Art	4
ARH322	Art of Ancient Greece	4
ARH323	Art of Ancient Rome	4
ARH331	Cultures of the Medieval West	4
ARH351	19th-Century Art	4
ARH353	Modern Art, 1880–1950	4
ARH354	Art since 1945	4
ARH358	History of Design	4
ARH359	History of Photography	4
ARH387	Chinese Buddhist Art	4
ARH397	Japanese Buddhist Art	4
ART101	Understanding Contemporary Media	4
ART111	The Artist Experience	4
CHN150	Introduction to Chinese Narrative	4
CHN151	Introduction to Chinese Film	4
CHN152	Introduction to Chinese Popular Culture	4
CHN305	History of Chinese Literature	4
CHN306	History of Chinese Literature	4
CHN307	History of Chinese Literature	4
CHN308	Literature of Modern Taiwan	4
CHN350	Gender and Sexuality in Traditional Chinese Literature	4
CHN351	Gender and Sexuality in Modern Chinese Literature	4
CHN380	Self and Society in Traditional Chinese Literature	4
CHN381	City in Chinese Literature and Film	4
CINE230	Remix Cultures	4
CINE330	Film Festivals	4
CINE350	Gender and Sexuality in European Cinema	4
CINE360	Film Theory	4
CLAS110	Classical Mythology	4
CLAS201	Greek Life and Culture	4
CLAS202	Roman Life and Culture	4
CLAS301	Greek and Roman Epic	4
CLAS302	Greek and Roman Tragedy	4
CLAS303	Classical Greek Philosophers	4
CLAS310	Early China, Ancient Greece	4
CLAS311	Death and Rebirth in Greece and India	4
CLAS314	Gender and Sexuality in Antiquity	4
COLT101	Introduction to Comparative Literature	4
COLT102	Introduction to Comparative Literature	4
COLT103	Introduction to Comparative Literature	4
COLT211	Comparative World Literature	4
COLT212	Comparative World Cinema	4
COLT231	Literature and Society	4
COLT232	Literature and Film	4
COLT233	Literature and Science	4
COLT301	Approaches to Comparative Literature	4
COLT305	Cultural Studies	4
COLT360	Gender and Identity in Literature	4
COLT370	Comparative Comics	4
DAN251	Looking at Dance	4
EALL209	Language and Society in East Asia	4
EALL210	China: A Cultural Odyssey	4
EALL211	Japan: A Cultural Odyssey	4
EALL360	East Asian Cinema	4
ENG104	Introduction to Literature: Fiction	4
ENG105	Introduction to Literature: Drama	4
ENG106	Introduction to Literature: Poetry	4
ENG107	World Literature	4
ENG108	World Literature	4
ENG109	World Literature	4
ENG110	Introduction to Film and Media	4
ENG207	Shakespeare	4
ENG208	Shakespeare	4
ENG211	Survey of English Literature	4
ENG215	Survey of American Literature	4
ENG216	Survey of American Literature	4
ENG225	Age of King Arthur	4
ENG230	Introduction to Environmental Literature	4
ENG241	Introduction to African American Literature	4
ENG242	Introduction to Asian American Literature	4
ENG243	Introduction to Chicano and Latino Literature	4
ENG244	Introduction to Native American Literature	4
ENG265	History of the Motion Picture	4
ENG266	History of the Motion Picture	4

ENG267	History of the Motion Picture	4
ENG280	Introduction to Comic Studies	4
ENG321	English Novel	4
ENG322	English Novel	4
ENG323	English Novel	4
ENG330	Oral Controversy and Advocacy	4
ENG335	Inventing Arguments	4
ENG340	Jewish Writers	4
ENG380	Film, Media, and History	4
ENG381	Film, Media, and Culture	4
ENG385	Graphic Narratives and Cultural Theory	4
ENG391	American Novel	4
ENG392	American Novel	4
ENG394	20th-Century Literature	4
ENG395	20th-Century Literature	4
ENVS203	Introduction to Environmental Studies: Humanities	4
ENVS345	Environmental Ethics	4
FLR225	Voices of Africa	4
FLR235	Folklore and the Supernatural	4
FLR245	Folklore and the Pacific Northwest	4
FLR250	Introduction to Folklore	4
FLR255	Folklore and United States Popular Culture	4
FLR320	Car Cultures	4
FLR350	Folklore and the Bible	4
FLR370	Folklore and Sexuality	4
FR150	Cultural Legacies of France	4
FR361	French Cinema for Nonmajors	4
FR362	French Film	4
GER206	Law in Literature	4
GER220M	From Kierkegaard to Kafka	4
GER221	Postwar Germany: Nation Divided	4
GER222	Voices of Dissent in Germany	4
GER223	Germany: A Multicultural Society	4
GER257	German Culture and Thought	4
GER258	German Culture and Thought	4
GER259	German Culture and Thought	4
GER314	Intensive Intermediate Language Training	6
GER315	Intensive Intermediate Language Training	6
GER317	Study in Germany	4
GER350	Genres in German Literature	4
GER351	Diversity in Germany	4
GER352	Authors in German Literature	4
GER354	German Gender Studies	4
GER355	German Cinema: History, Theory, Practice	4
GER356	German Fairy Tales	1-4
GER357	Nature, Culture, and the Environment	4
HC221H	Honors College Literature	4
HC222H	Honors College Literature	4
HC223H	Honors College Literature	4
HUM101	Introduction to the Humanities I	4
HUM102	Introduction to the Humanities II	4
HUM103	Introduction to the Humanities III	4
HUM240	Medical Humanities	4
HUM245	Food, Art, and Literature	4
HUM260	Postwar European Culture	4
HUM300	Themes in the Humanities	4
HUM354	The City	4
HUM355	The American City	4
HUM361	Ancient Science and Culture	4
ITAL150	Cultural Legacies of Italy	4
ITAL152	Desire and Resistance: Italian Cinema	4
ITAL341	Dante in Translation	4
J397	Media Ethics	4
JDST212	Medieval and Early Modern Judaism	4
JDST220	Introduction to Judaism	4
JDST320M	History of Jewish Art	4
JDST324	Jewish-Christian Relations through the Ages	4
JPN250	Manga Millennium	4
JPN305	Introduction to Japanese Literature	4
JPN306	Introduction to Japanese Literature	4
JPN307	Introduction to Japanese Literature	4
JPN315	Introduction to Japanese Linguistics	4
KRN151	Introduction to Korean Cinema	4
KRN309	Languages and Cultural Formation in Korea	4
KRN315	Introduction to Korean Linguistics	4
KRN360	Contemporary Korean Film	4
KRN361	Korean Popular Culture and Transnationalism	4
LA260	Understanding Landscapes	4
LA333	Photography and Environmental Values	4
LA375	Contemporary American Landscape	4
LING150	Structure of English Words	4
MUJ350	History of Jazz, 1900–1950	4
MUJ351	History of Jazz, 1940 to Present	4
MUS125	Understanding Music	4
MUS151	Popular Songwriting	4
MUS227	Elements of Electronic Music	4
MUS267	Survey of Music History	4
MUS268	Survey of Music History	4
MUS269	Survey of Music History	4
MUS270	History of the Blues	4
MUS351	The Music of Bach and Handel	4
MUS353	Survey of Opera	4
MUS358	Music in World Cultures	4
MUS359	Music of the Americas	4
MUS360	Hip-Hop Music: History, Culture, Aesthetics	4
MUS363	The Beatles and Their Times	4
MUS380	Film: Drama, Photography, Music	4
MUS382	American Musical Theater	4
PHIL101	Philosophical Problems	4
PHIL102	Ethics	4
PHIL103	Critical Reasoning	4

PHIL110	Human Nature	4
PHIL120	Ethics of Enterprise and Exchange	4
PHIL130	Philosophy and Popular Culture	4
PHIL170	Love and Sex	4
PHIL211	Existentialism	4
PHIL213	Asian Philosophy	4
PHIL216	Philosophy and Cultural Diversity	4
PHIL310	History of Philosophy: Ancient and Medieval	4
PHIL311	History of Philosophy: Modern	4
PHIL312	History of Philosophy: 19th Century	4
PHIL322	Philosophy of the Arts	4
PHIL330	Philosophy and Disaster	4
PHIL332	Philosophy of Film	4
PHIL335	Medical Ethics	4
PHIL340	Environmental Philosophy	4
PHIL342	Introduction to Latin American Philosophy	4
PHIL345	Place in the Cosmos	4
PORT150	Lusofonia: The Portuguese-Speaking World	4
REL101	World Religions: Asian Traditions	4
REL102	World Religions: Near Eastern Traditions	4
REL222	Introduction to the Bible I	4
REL223	Introduction to the Bible II	4
REL233	Introduction to Islam	4
REL253	Religion, Love, and Death	4
REL305	Hinduism: Myth and Tradition	4
REL317	Jesus and the Gospels	4
REL318	Women in Judaism	4
REL335	Introduction to the Qur'an	4
REL353	Dark Self, East and West	4
REL355	Mysticism	4
RUSS204	Introduction to Russian Literature	4
RUSS205	Introduction to Russian Literature	4
RUSS206	Introduction to Russian Literature	4
RUSS240	Russian Culture	4
RUSS331	Russian Short Story	4
RUSS334	Dostoevsky	4
RUSS335	Tolstoy	4
RUSS351	Russian Literature and Film	4
SCAN220M	From Kierkegaard to Kafka	4
SCAN251	Text and Interpretation	4
SCAN259	Vikings through the Icelandic Sagas	4
SCAN315	Nordic Cinema	4
SCAN316	History of Cinema	4
SCAN325	Constructions versus Constrictions of Identity	4
SCAN341	Revisions of the Scandinavian Dream	4
SCAN343	Norse Mythology	4
SCAN351	Periods in Scandinavian Literature	4
SCAN352	Topics in Scandinavian Literature	4
SCAN353	Scandinavian Women Writers	4
SCAN354	Genres in Scandinavian Literature	4
SPAN150	Cultures of the Spanish-Speaking World	4
TA271	Introduction to Theater Arts	4
TA367	History of the Theater I	4
TA368	History of the Theater II	4
TA369	History of the Theater III	4
WGS352	Gender, Literature, and Culture	4
WGS361	Gender in Film and Television	4

Arts and Letters: Languages

Students may not use courses that fulfill the second-language requirement for the bachelor of arts degree to fulfill the arts and letters group requirement as well.

ARB201	Second-Year Arabic	5
ARB202	Second-Year Arabic	5
ARB203	Second-Year Arabic	5
ARB301	Language and Culture	4
ARB302	Language and Culture	4
ARB303	Language and Culture	4
ARB331	Reading Classical Arabic	4
ASL201	Second-Year American Sign Language	4
ASL202	Second-Year American Sign Language	4
ASL203	Second-Year American Sign Language	4
CHN201	Second-Year Chinese	5
CHN202	Second-Year Chinese	5
CHN203	Second-Year Chinese	5
CHN301	Third-Year Chinese	5
CHN302	Third-Year Chinese	5
CHN303	Third-Year Chinese	5
DANE201	Second-Year Danish	4
DANE202	Second-Year Danish	4
DANE203	Second-Year Danish	4
FINN201	Second-Year Finnish	4
FINN202	Second-Year Finnish	4
FINN203	Second-Year Finnish	4
FR201	Second-Year French	4
FR202	Second-Year French	4
FR203	Second-Year French	4
FR301	Culture et langage: la France contemporaine	4
FR302	Culture et langage: Le monde francophone contemporain	4
FR312	French Survey: Francophone Literature	4
FR317	French Survey: Medieval and Renaissance	4
FR318	French Survey: Baroque and Enlightenment	4
FR319	French Survey: 19th and 20th Centuries	4
FR330	French Poetry	4
FR331	French Theater	4
FR333	French Narrative	4
FR372	French-Speaking Communities of the Americas	4
GER201	Second-Year German	4

GER202	Second-Year German	4
GER203	Second-Year German	4
GER204	Intensive Second-Year German	6
GER205	Intensive Second-Year German	6
GER311	Intermediate Language Training	4
GER312	Intermediate Language Training	4
GER313	Intermediate Language Training	4
GER340	Introduction to German Culture and Society	4
GER341	Introduction to German Culture and Society	4
GER360	Introduction to German Literature: Poetry, Plays, Prose	4
GER361	Introduction to German Literature: Literary Movements	4
GER362	Introduction to German Literature: Interpretive Models	4
GER366	Themes in German Literature	4
GER367	Themes in German Literature	4
GER368	Themes in German Literature	4
GRK301	Authors: [Topic]	4
GRK302	Authors: [Topic]	4
GRK303	Authors: [Topic]	4
ITAL201	Second-Year Italian	4
ITAL202	Second-Year Italian	4
ITAL203	Second-Year Italian	4
ITAL301	Cultura e lingua: l'Italia contemporanea	4
ITAL303	Cultura e lingua: societa, economia, politica	4
ITAL305	Cultura e lingua: arte, musica, i mass media	4
ITAL317	Italian Survey: Medieval and Renaissance	4
ITAL318	Italian Survey: Baroque and Enlightenment	4
ITAL319	Italian Survey: 19th and 20th Centuries	4
JPN201	Second-Year Japanese	5
JPN202	Second-Year Japanese	5
JPN203	Second-Year Japanese	5
JPN301	Third-Year Japanese	5
JPN302	Third-Year Japanese	5
JPN303	Third-Year Japanese	5
KRN201	Second-Year Korean	5
KRN202	Second-Year Korean	5
KRN203	Second-Year Korean	5
KRN301	Third Year Korean	5
KRN302	Third-Year Korean	5
KRN303	Third-Year Korean	5
LAT301	Authors: [Topic]	4
LAT302	Authors: [Topic]	4
LAT303	Authors: [Topic]	4
NORW201	Second-Year Norwegian	4
NORW202	Second-Year Norwegian	4
NORW203	Second-Year Norwegian	4
PORT201	Second Year Portuguese	4
PORT202	Second-Year Portuguese	4
PORT203	Second-Year Portuguese	4
PORT301	Cultura e Lingua: Expressoes Artisticas	4
RUSS201	Second-Year Russian	5
RUSS202	Second-Year Russian	5
RUSS203	Second-Year Russian	5
RUSS316	Third-Year Russian	5
RUSS317	Third-Year Russian	5
RUSS318	Third-Year Russian	5
SPAN201	Second-Year Spanish	4
SPAN202	Second-Year Spanish	4
SPAN203	Second-Year Spanish	4
SPAN218	Latino Heritage I	5
SPAN228	Latino Heritage II	5
SPAN301	Cultura y Lengua: Identidades Hispanas	4
SPAN303	Cultura y lengua: expresiones artisticas	4
SPAN305	Cultura y lengua: cambios sociales	4
SPAN341	Hispanic Cultures through Literature I	4
SPAN342	Hispanic Cultures through Literature II	4
SPAN343	Hispanic Cultures through Literature III	4
SPAN344	Hispanic Cultures through Literature IV	4
SPAN348	United States Latino Literature and Culture	4
SPAN350	Introduction to Poetry	4
SPAN351	Introduction to Theater	4
SPAN353	Introduction to Narrative	4
SWAH201	Second-Year Swahili	5
SWAH202	Second-Year Swahili	5
SWAH203	Second Year Swahili	5
SWAH301	Advanced Swahili	5
SWAH302	Contemporary Swahili Literature	5
SWAH303	Language and Culture: Swahili Nation	5
SWED201	Second-Year Swedish	4
SWED202	Second-Year Swedish	4
SWED203	Second-Year Swedish	4
SWED301	Third-Year Swedish	4
SWED302	Third-Year Swedish	4
SWED303	Third-Year Swedish	4

Social Science

AAA321	Inclusive Urbanism	4
ANTH114	Anthropology of Pirates and Piracy	4
ANTH150	World Archaeology	4
ANTH161	Introduction to Cultural Anthropology	4
ANTH162	Introduction to Medical Anthropology	4
ANTH165	Sexuality and Culture	4
ANTH234	Pacific Island Societies	4
ANTH250	Introduction to Middle East Studies	4
ANTH311	Anthropology of Globalization	4
ANTH314	Gender in Cross-Cultural Perspective	4
ANTH315	Gender, Folklore, Inequality	4
ANTH320	Native North Americans	4
ANTH322	Anthropology of the United States	4
ANTH326	Caribbean Societies	4
ANTH327	Anthropological Perspectives on Africa	4
ANTH328	New Guinea	4

ANTH329	Immigration and Farmworkers Political Culture	4
ANTH330	Hunters and Gatherers	4
ANTH331	Cultures of India and South Asia	4
ANTH342	Archaeology of Egypt and Near East	4
ANTH343	Pacific Islands Archaeology	4
ANTH344	Oregon Archaeology	4
ANTH345	Archaeology of East Asia	4
ANTH347	Archaeology of Ancient Cities	4
ANTH348	Mammoths to Megaliths: European Prehistory	4
ANTH373	Psychoactive Substances in Ancient Societies	4
ARB253	Introduction to Arabic Culture	4
BA101	Introduction to Business	4
CAS101H	Reacting to the Past	4
CLAS188	Introduction to Classical Archaeology	4
EC101	Contemporary Economic Issues	4
EC201	Introduction to Economic Analysis: Microeconomics	4
EC202	Introduction to Economic Analysis: Macroeconomics	4
EC327	Introduction to Game Theory	4
EC330	Urban and Regional Economic Problems	4
EC333	Resource and Environmental Economic Issues	4
EC340	Issues in Public Economics	4
EC350	Labor Market Issues	4
EC360	Issues in Industrial Organization	4
EC370	Money and Banking	4
EC380	International Economic Issues	4
EC390	Problems and Issues in the Developing Economies	4
EDST111	Educational Issues and Problems	4
ENVS201	Introduction to Environmental Studies: Social Sciences	4
ENVS225	Introduction to Food Studies	4
ENVS335	Allocating Scarce Environmental Resources	4
ES101	Introduction to Ethnic Studies	4
ES250	Introduction to African American Studies	4
ES252	Introduction to Asian American Studies	4
ES254	Introduction to Chicano and Latino Studies	4
ES256	Introduction to Native American Studies	4
ES345M	Music, Politics, and Race	4
ES352	Social Equity and Criminal Justice	4
FHS213	Issues for Children and Families	4
GEOG142	Human Geography	4
GEOG181	Our Digital Earth	4
GEOG201	World Regional Geography	4
GEOG202	Geography of Europe	4
GEOG204	Geography of Russia and Neighbors	4
GEOG205	Geography of Pacific Asia	4
GEOG208	Geography of the United States and Canada	4
GEOG209	Geography of the Middle East and North Africa	4
GEOG214	Geography of Latin America	4
GEOG341	Population and Environment	4
GEOG342	Geography of Globalization	4
GEOG343	Society, Culture, and Place	4
HC231H	Honors College History	4
HC232H	Honors College History	4
HC233H	Honors College History	4
HIST101	Western Civilization	4
HIST102	Western Civilization	4
HIST103	Western Civilization	4
HIST104	World History	4
HIST105	World History	4
HIST106	World History	4
HIST120	Foundations of Islamic Civilization	4
HIST121	Women in World History	4
HIST186	Cultures of India	4
HIST190	Foundations of East Asian Civilizations	4
HIST191	China, Past and Present	4
HIST192	Japan, Past and Present	4
HIST201	United States	4
HIST202	United States	4
HIST203	United States	4
HIST205	Ancient Sports	4
HIST221	Sex in History	4
HIST240	War in the Modern World I	4
HIST241	War in the Modern World II	4
HIST245	Russia, America, and the World	4
HIST250	African American History	4
HIST251	African American History	4
HIST273	Introduction to American Environmental History	4
HIST301	Modern Europe	4
HIST302	Modern Europe	4
HIST303	Modern Europe	4
HIST308	History of Women in the United States I	4
HIST309	History of Women in the United States II	4
HIST319	Early Middle Ages in Europe	4
HIST320	High Middle Ages in Europe	4
HIST321	Late Middle Ages in Europe	4
HIST325	Precolonial Africa	4
HIST326	Colonial and Postcolonial Africa	4
HIST345	Early Russia	4
HIST346	Imperial Russia	4
HIST347	Soviet Union and Contemporary Russia	4
HIST352	The United States in the 1960s	4
HIST361	Early Modern Science	4
HIST373	Shi'ism and Revolution	4
HIST380	Latin America	4
HIST381	Latin America	4

HIST382	Latin America	4
HIST387	Early China	4
HIST396	Samurai in Film	4
INTL101	Introduction to International Issues	4
INTL240	Perspectives on International Development	4
INTL250	Value Systems in Cross-Cultural Perspective	4
INTL260	Culture, Capitalism, and Globalization	4
INTL280	Global Environmental Issues	4
INTL340	Global Health and Development	4
INTL360	International Cooperation and Conflict	4
INTL370	International Human Rights	4
J201	Media and Society	4
J209	Understanding Media	4
J385	Communication Law	4
J387	Media History	4
JDST213	The Jewish Encounter with Modernity	4
JDST330	American Jewish Cultures	4
JDST340	Israelis and Palestinians	4
LAW102	Introduction to Criminal Law	4
LAW201	Introduction to Environmental Law and Policy	4
LAW202	Introduction to Public International Law	4
LING101	Introduction to Language	4
LING201	Language and Power	4
LING211	Languages of the World	4
LING294	Child Language	4
LING295	Language, Culture, and Society	4
LING296	Language and Society in the United States	4
LING301	Introduction to Linguistics Analysis	4
LING396	Language and Cognition	4
MUS345M	Music, Politics, and Race	4
PHIL123	Internet, Society, and Philosophy	4
PHIL307	Social and Political Philosophy	4
PHIL308	Social and Political Philosophy	4
PHIL309	Global Justice	4
PHIL339	Introduction to Philosophy of Science	4
PHIL343	Critical Theory	4
PHIL344	Introduction to Philosophy of Law	4
PPPM201	Introduction to Public Policy	4
PPPM202	Healthy Communities	4
PPPM205	Introduction to City Planning	4
PPPM280	Introduction to the Nonprofit Sector	4
PPPM340	Climate-Change Policy	4
PS101	Modern World Governments	4
PS104	Problems in United States Politics	4
PS106	Power, Politics, and Inequality	4
PS109	Politics, Science, and the Body	4
PS111	Introduction to Political Science	4
PS201	United States Politics	4
PS203	State and Local Government	4
PS204	Introduction to Comparative Politics	4
PS205	Introduction to International Relations	4
PS208	Introduction to the Tradition of Political Theory	4
PS225	Political Ideologies	4
PS230	Introduction to Urban Politics	4
PS260	Public Policy and Democracy	4
PS275	Legal Process	4
PS301	Art and the State	4
PS321	Introduction to Political Economy	4
PS324	European Politics	4
PS326	United States Foreign Policy I	4
PS330	Governments and Politics in Latin America	4
PS337	The Politics of Development	4
PS345	Southeast Asian Politics	4
PS347	Political Power, Influence, and Control	4
PS349	Mass Media and American Politics	4
PS352	Political Parties and Elections	4
PS367	Science and Politics of Climate Change	4
PS369	Southern Politics	4
PS375	Race, Politics, and the Law	4
PS380	Gender and Politics in Developing Countries	4
PS386	United States Social Movements and Political Change	4
PS389	Direct Democracy	4
PSY202	Mind and Society	4
PSY330	Thinking	4
PSY366	Culture and Mental Health	4
PSY376	Child Development	4
PSY380	Psychology of Gender	4
REL211	Early Judaism	4
REL302	Chinese Religions	4
REL303	Japanese Religions	4
REL304	Religions of India	4
REL321	History of Christianity	4
REL322	History of Christianity	4
REL323	History of Christianity	4
REL324	History of Eastern Christianity	4
REL325	History of Eastern Christianity	4
SOC204	Introduction to Sociology	4
SOC207	Social Inequality	4
SOC301	American Society	4
SOC303	World Population and Social Structure	4
SOC304	Community, Environment, and Society	4
SOC305	America's Peoples	4
SOC313	Social Issues and Movements	4
SOC317	Sociology of the Mass Media	4
SOC328	Introduction to Social Psychology	4
SOC335	Interaction and Social Order	4
SOC345	Race, Class, and Ethnic Groups	4
SOC346	Work and Occupations	4
SOC355	Sociology of Gender	4
SOC380	Introduction: Deviance, Control, and Crime	4

SPAN238	Spanish Around the World	4
SPAN248	Spanglish	4
SPAN308	Cultura y lengua: comunidades bilingues	4
SPAN322	Introduction to Hispanic Linguistics	4
WGS101	Women, Difference, and Power	4
WGS303	Women and Gender in American History	4
WGS315	History and Development of Feminist Theory	4
WGS321	Feminist Perspectives: Identity, Race, Culture	4
WGS341	Women, Work, and Class	4
WGS351	Introduction to Global Feminisms	4

Science

ANTH145	Principles of Archaeology	4
ANTH163	Origins of Storytelling	4
ANTH170	Introduction to Human Origins	4
ANTH171	Introduction to Monkeys and Apes	4
ANTH173	Evolution of Human Sexuality	4
ANTH175	Evolutionary Medicine	4
ANTH176	Introduction to Forensic Anthropology	4
ANTH220	Introduction to Nutritional Anthropology	4
ANTH260	Domestic Animals	4
ANTH270	Introduction to Biological Anthropology	4
ANTH332	Human Attraction and Mating Strategies	4
ANTH340	Fundamentals of Archaeology	4
ANTH341	Food Origins	4
ANTH349	Origins of Art	4
ANTH361	Human Evolution	4
ANTH362	Human Biological Variation	4
ANTH369	Human Growth and Development	4
ANTH375	Primates in Ecological Communities	4
ANTH376	Genomics and Anthropology	4
ASTR121	The Solar System	4
ASTR122	Birth and Death of Stars	4
ASTR123	Galaxies and the Expanding Universe	4
BI121	Introduction to Human Physiology	4
BI122	Introduction to Human Genetics	4
BI123	Biology of Cancer	4
BI130	Introduction to Ecology	4
BI131	Introduction to Evolution	4
BI132	Introduction to Animal Behavior	4
BI140M	Science, Policy, and Biology	4
BI150	The Ocean Planet	4
BI211	General Biology I: Cells	4
BI212	General Biology II: Organisms	4
BI213	General Biology III: Populations	4
BI214	General Biology IV: Mechanisms	4
BI281H	Honors Biology I: Cells, Biochemistry and Physiology	5
BI282H	Honors Biology II: Genetics and Molecular Biology	5
BI283H	Honors Biology III: Evolution, Diversity and Ecology	5
BI306	Pollination Biology	4
BI307	Forest Biology	4
BI357	Marine Biology	4
BI372	Field Biology	4
CH111	Introduction to Chemical Principles	4
CH113	The Chemistry of Sustainability	4
CH114	Green Product Design	4
CH140M	Science, Policy, and Biology	4
CH157M	Information, Quantum Mechanics, and DNA	4
CH221	General Chemistry	4
CH222	General Chemistry	4
CH223	General Chemistry	4
CH224H	Honors General Chemistry	4
CH225H	Honors General Chemistry	4
CH226H	Honors General Chemistry	4
CIS110	Fluency with Information Technology	4
DAN260	Anatomy of Human Movement	4
ENVS202	Introduction to Environmental Studies: Natural Sciences	4
GEOG141	The Natural Environment	4
GEOG321	Climatology	4
GEOG322	Geomorphology	4
GEOG323	Biogeography	4
GEOG360	Watershed Science and Policy	4
GEOG361	Global Environmental Change	4
GEOL101	Earth's Dynamic Interior	4
GEOL102	Environmental Geology and Landform Development	4
GEOL103	The Evolving Earth	4
GEOL110	People, Rocks, and Fire	4
GEOL137	Mountains and Glaciers	4
GEOL156M	Scientific Revolutions	4
GEOL201	Earth's Interior Heat and Dynamics	4
GEOL202	Earth Surface and Environmental Geology	4
GEOL203	Evolution of the Earth	4
GEOL213	Geology of National Parks	4
GEOL304	The Fossil Record	4
GEOL305	Dinosaurs	4
GEOL306	Volcanoes and Earthquakes	4
GEOL307	Oceanography	4
GEOL308	Geology of Oregon and the Pacific Northwest	4
GEOL310	Earth Resources and the Environment	4
GEOL353	Geologic Hazards	4
HC207H	Honors College Science	4
HC209H	Honors College Science	4
HPHY101	Exercise as Medicine	4
HPHY102	Exercise and Wellness across the Life Span	4
HPHY103	Exercise and Performance	4

HPHY104	Understanding Human Disease	4
HPHY105	Principles of Nutrition	4
HPHY111	The Science of Sex	4
PHYS101	Essentials of Physics	4
PHYS102	Essentials of Physics	4
PHYS152	Physics of Sound and Music	4
PHYS153	Physics of Light, Color, and Vision	4
PHYS155	Physics behind the Internet	4
PHYS156M	Scientific Revolutions	4
PHYS157M	Information, Quantum Mechanics and DNA	4
PHYS161	Physics of Energy and Environment	4
PHYS162	Solar and Other Renewable Energies	4
PHYS163	Nanoscience and Society	4
PHYS171	The Physics of Life	4
PHYS201	General Physics	4
PHYS202	General Physics	4
PHYS203	General Physics	4
PHYS251	Foundations of Physics I	4
PHYS252	Foundations of Physics I	4
PHYS253	Foundations of Physics I	4
PHYS301	Physicists' View of Nature	4
PHYS361	Modern Science and Culture	4
PSY201	Mind and Brain	4
PSY304	Biopsychology	4
PSY348	Music and the Brain	4

Bachelor of Science Mathematics and Science Requirements

Courses that are used to demonstrate proficiency in mathematics or in computer and information science or in a combination of the two for the bachelor of science degree may not also be used to fulfill the science group requirement.

CIS105	Explorations in Computing	4
CIS111	Introduction to Web Programming	4
CIS115	Multimedia Web Programming	4
CIS122	Introduction to Programming and Problem Solving	4
CIS210	Computer Science I	4
CIS211	Computer Science II	4
CIS212	Computer Science III	4
MATH105	University Mathematics I	4
MATH106	University Mathematics II	4
MATH107	University Mathematics III	4
MATH211	Fundamentals of Elementary Mathematics I	4
MATH212	Fundamentals of Elementary Mathematics II	4
MATH213	Fundamentals of Elementary Mathematics III	4
MATH231	Elements of Discrete Mathematics I	4
MATH232	Elements of Discrete Mathematics II	4
MATH233	Elements of Discrete Mathematics III	4
MATH241	Calculus for Business and Social Science I	4
MATH242	Calculus for Business and Social Science II	4
MATH243	Introduction to Methods of Probability and Statistics	4
MATH246	Calculus for the Biological Sciences I	4
MATH247	Calculus for the Biological Sciences II	4
MATH251	Calculus I	4
MATH252	Calculus II	4
MATH253	Calculus III	4
MATH261	Calculus with Theory I	4
MATH262	Calculus with Theory II	4
MATH263	Calculus with Theory III	4
MATH307	Introduction to Proof	4
MATH343	Statistical Models and Methods	4

Multicultural Requirements

American Cultures

ANTH322	Anthropology of the United States	4
ANTH344	Oregon Archaeology	4
ANTH442	Northwest Coast Archaeology	4
ARH463	Native American Architecture	4
ENG364	Comparative Ethnic American Literatures	4
ES101	Introduction to Ethnic Studies	4
ES250	Introduction to African American Studies	4
ES252	Introduction to Asian American Studies	4
ES254	Introduction to Chicano and Latino Studies	4
ES256	Introduction to Native American Studies	4
ES330	Women of Color: Issues and Concerns	4
ES345M	Music, Politics, and Race	4
FLR245	Folklore and the Pacific Northwest	4
FR372	French-Speaking Communities of the Americas	4
GEOG208	Geography of the United States and Canada	4
GEOG471	North American Historical Landscapes	4
HC444H	Honors College American Cultures Colloquium: [Topic]	4
HIST250	African American History	4
HIST251	African American History	4
HIST273	Introduction to American Environmental History	4
HIST449	Race and Ethnicity in the American West	4
HIST455	Colonial American History	4
LING296	Language and Society in the United States	4
MUJ350	History of Jazz, 1900–1950	4
MUJ351	History of Jazz, 1940 to Present	4
MUS151	Popular Songwriting	4
MUS264	Rock History, 1950–70	4
MUS265	Rock History, 1965 to Present	4
MUS270	History of the Blues	4
MUS345M	Music, Politics, and Race	4
MUS349	American Ethnic and Protest Music	3
MUS356	Innovative Jazz Musicians: [Topic]	4

MUS359	Music of the Americas	4
MUS360	Hip-Hop Music: History, Culture, Aesthetics	4
PHIL216	Philosophy and Cultural Diversity	4
PS230	Introduction to Urban Politics	4
PS369	Southern Politics	4
PS375	Race, Politics, and the Law	4
PS449	Racial Politics in the United States	4
SOC305	America's Peoples	4
SOC345	Race, Class, and Ethnic Groups	4
SOC445	Sociology of Race Relations	4
SPAN218	Latino Heritage I	5
SPAN248	Spanglish	4
SPAN348	United States Latino Literature and Culture	4
TA472	Multicultural Theater: [Topic]	4
WGS321	Feminist Perspectives: Identity, Race, Culture	4

International Cultures

ANTH114	Anthropology of Pirates and Piracy	4
ANTH150	World Archaeology	4
ANTH161	Introduction to Cultural Anthropology	4
ANTH162	Introduction to Medical Anthropology	4
ANTH163	Origins of Storytelling	4
ANTH234	Pacific Island Societies	4
ANTH250	Introduction to Middle East Studies	4
ANTH311	Anthropology of Globalization	4
ANTH326	Caribbean Societies	4
ANTH327	Anthropological Perspectives on Africa	4
ANTH328	New Guinea	4
ANTH330	Hunters and Gatherers	4
ANTH331	Cultures of India and South Asia	4
ANTH342	Archaeology of Egypt and Near East	4
ANTH343	Pacific Islands Archaeology	4
ANTH347	Archaeology of Ancient Cities	4
ANTH349	Origins of Art	4
ANTH413	Culture and Psychology	4
ANTH420	Culture, Illness, and Healing	4
ANTH430	Balkan Society and Folklore	4
ANTH434	Native South Americans	4
ARB253	Introduction to Arabic Culture	4
ARB301	Language and Culture	4
ARB302	Language and Culture	4
ARB303	Language and Culture	4
ARB353	Arab Cinema	4
ARH101	Global Masterpieces: Monuments in Context	4
ARH207	History of Indian Art	4
ARH208	History of Chinese Art	4
ARH209	History of Japanese Art	4
ARH210	Contemporary Asian Art and Architecture	4
ARH387	Chinese Buddhist Art	4
ARH397	Japanese Buddhist Art	4
ARH488	Japanese Prints	4
ASIA350	What Is Asia: Theoretical Debates	4
ASIA425	Asian Foodways	4
BI309	Tropical Diseases in Africa	4
CHN150	Introduction to Chinese Narrative	4
CHN151	Introduction to Chinese Film	4
CHN152	Introduction to Chinese Popular Culture	4
CHN305	History of Chinese Literature	4
CHN306	History of Chinese Literature	4
CHN307	History of Chinese Literature	4
CHN308	Literature of Modern Taiwan	4
CHN381	City in Chinese Literature and Film	4
CHN423	Issues in Early Chinese Literature	4
CHN424	Issues in Medieval Chinese Literature	4
CHN425	Issues in Modern Chinese Literature	4
CHN452	Chinese Film and Theory	4
CLAS310	Early China, Ancient Greece	4
CLAS311	Death and Rebirth in Greece and India	4
COLT102	Introduction to Comparative Literature	4
COLT103	Introduction to Comparative Literature	4
COLT211	Comparative World Literature	4
COLT212	Comparative World Cinema	4
COLT231	Literature and Society	4
COLT232	Literature and Film	4
COLT305	Cultural Studies	4
DAN301	Dance in Traditional Cultures: Africa: [Topic]	4
EALL209	Language and Society in East Asia	4
EALL210	China: A Cultural Odyssey	4
EALL211	Japan: A Cultural Odyssey	4
EALL360	East Asian Cinema	4
EC390	Problems and Issues in the Developing Economies	4
EC490	Economic Growth and Development	4
ENG107	World Literature	4
ENG108	World Literature	4
ENG109	World Literature	4
ENG365	Global Literatures in English	4
ENVS225	Introduction to Food Studies	4
FLR225	Voices of Africa	4
FLR411	Folklore and Religion	4
FLR416	African Folklore	4
FR150	Cultural Legacies of France	4
FR301	Culture et langage: la France contemporaine	4
FR302	Culture et langage: Le monde francophone contemporain	4
FR312	French Survey: Francophone Literature	4
FR361	French Cinema for Nonmajors	4
FR362	French Film	4
GEOG142	Human Geography	4
GEOG201	World Regional Geography	4
GEOG204	Geography of Russia and Neighbors	4

GEOG205	Geography of Pacific Asia	4
GEOG209	Geography of the Middle East and North Africa	4
GEOG214	Geography of Latin America	4
GEOG341	Population and Environment	4
GEOG465	Environment and Development	4
GEOG475	Advanced Geography of Non-European-American Regions: [Topic]	4
GER206	Law in Literature	4
GER220M	From Kierkegaard to Kafka	4
GER221	Postwar Germany: Nation Divided	4
GER257	German Culture and Thought	4
GER258	German Culture and Thought	4
GER259	German Culture and Thought	4
GER314	Intensive Intermediate Language Training	6
GER315	Intensive Intermediate Language Training	6
GER350	Genres in German Literature	4
GER355	German Cinema: History, Theory, Practice	4
GER356	German Fairy Tales	1-4
GER357	Nature, Culture, and the Environment	4
HC434H	Honors College International Cultures Colloquium: [Topic]	4
HIST104	World History	4
HIST105	World History	4
HIST106	World History	4
HIST120	Foundations of Islamic Civilization	4
HIST121	Women in World History	4
HIST186	Cultures of India	4
HIST190	Foundations of East Asian Civilizations	4
HIST191	China, Past and Present	4
HIST192	Japan, Past and Present	4
HIST325	Precolonial Africa	4
HIST326	Colonial and Postcolonial Africa	4
HIST345	Early Russia	4
HIST346	Imperial Russia	4
HIST347	Soviet Union and Contemporary Russia	4
HIST380	Latin America	4
HIST381	Latin America	4
HIST382	Latin America	4
HIST385	South Asia: [Topic]	4
HIST387	Early China	4
HIST396	Samurai in Film	4
HIST415	Advanced World History: [Topic]	4
HIST416	Advanced Women's History: [Topic]	4
HIST417	Society and Culture in Modern Africa: [Topic]	4
HIST420	The Idea of Europe	4
HIST446	Modern Russia: [Topic]	4
HIST480	Mexico	4
HIST482	Latin America's Indian Peoples	4
HIST483	Latin America: [Topic]	4
HIST484	Philippines	4
HIST487	China: [Topic]	4
HIST490	Japan: [Topic]	4
HIST491	Medicine and Society in Premodern Japan	4
HIST497	Culture, Modernity, and Revolution in China: [Topic]	4
HIST498	Early Japanese Culture and Society: [Topic]	4
HUM260	Postwar European Culture	4
HUM315	Introduction to African Studies	4
HUM354	The City	4
INTL101	Introduction to International Issues	4
INTL240	Perspectives on International Development	4
INTL250	Value Systems in Cross-Cultural Perspective	4
INTL260	Culture, Capitalism, and Globalization	4
INTL323	Islam and Global Forces	4
INTL340	Global Health and Development	4
INTL345	Africa Today: Issues and Concerns	4
INTL423	Development and the Muslim World	4
INTL431	Cross-Cultural Communication	4
INTL432	Indigenous Cultural Survival	4
INTL442	South Asia: Development and Social Change	4
INTL444	Development and Social Change in Southeast Asia	4
INTL445	Development and Social Change in Sub-Saharan Africa	4
ITAL150	Cultural Legacies of Italy	4
ITAL152	Desire and Resistance: Italian Cinema	4
ITAL301	Cultura e lingua: l'Italia contemporanea	4
ITAL303	Cultura e lingua: societa, economia, politica	4
ITAL305	Cultura e lingua: arte, musica, i mass media	4
JDST340	Israelis and Palestinians	4
JPN250	Manga Millennium	4
JPN305	Introduction to Japanese Literature	4
JPN306	Introduction to Japanese Literature	4
JPN307	Introduction to Japanese Literature	4
JPN315	Introduction to Japanese Linguistics	4
JPN425	Modern Japanese Literature: [Topic]	4
JPN437	Classical Japanese Literary Language	4
JPN471	The Japanese Cinema	4
KRN151	Introduction to Korean Cinema	4
KRN309	Languages and Cultural Formation in Korea	4
KRN315	Introduction to Korean Linguistics	4
KRN360	Contemporary Korean Film	4
KRN361	Korean Popular Culture and Transnationalism	4
LAS200	Introduction to Latin American Studies	4
LAS211	Latin American Humanities: [Topic]	4
LAS212	Latin American Social Sciences: [Topic]	4
LING211	Languages of the World	4
LING295	Language, Culture, and Society	4

LING331	African Languages: Identity, Ethnicity, History	4
MUS358	Music in World Cultures	4
MUS365	Regional Ethnomusicology: [Topic]	4
MUS451	Introduction to Ethnomusicology	4
MUS452	Musical Instruments of the World	4
MUS453	Folk Music of the Balkans	4
MUS454	Music of India	4
MUS458	Celtic Music	4
MUS459	African Music	4
PHIL213	Asian Philosophy	4
PHIL309	Global Justice	4
PHIL342	Introduction to Latin American Philosophy	4
PORT150	Lusofonia: The Portuguese-Speaking World	4
PORT301	Cultura e Lingua: Expressoes Artisticas	4
PS330	Governments and Politics in Latin America	4
PS337	The Politics of Development	4
PS342	Politics of China	4
PS345	Southeast Asian Politics	4
PS377	Gods and Governments	4
PS388	Mafia and Corruption in Russia	4
REL101	World Religions: Asian Traditions	4
REL302	Chinese Religions	4
REL303	Japanese Religions	4
REL304	Religions of India	4
REL305	Hinduism: Myth and Tradition	4
REL335	Introduction to the Qur'an	4
REL440	Readings in Buddhist Scriptures	4
RUSS204	Introduction to Russian Literature	4
RUSS205	Introduction to Russian Literature	4
RUSS206	Introduction to Russian Literature	4
RUSS240	Russian Culture	4
RUSS331	Russian Short Story	4
RUSS334	Dostoevsky	4
RUSS335	Tolstoy	4
RUSS351	Russian Literature and Film	4
RUSS444	Slavic Linguistics: [Topic]	4
SCAN220M	From Kierkegaard to Kafka	4
SCAN251	Text and Interpretation	4
SCAN259	Vikings through the Icelandic Sagas	4
SCAN315	Nordic Cinema	4
SCAN316	History of Cinema	4
SCAN317	Directors, Movements, and Manifestos	4
SCAN341	Revisions of the Scandinavian Dream	4
SCAN343	Norse Mythology	4
SCAN344	Medieval Hero and Monster	4
SCAN354	Genres in Scandinavian Literature	4
SOC303	World Population and Social Structure	4
SOC450	Sociology of Developing Areas	4
SPAN150	Cultures of the Spanish-Speaking World	4
SPAN238	Spanish Around the World	4
SPAN305	Cultura y lengua: cambios sociales	4
SPAN341	Hispanic Cultures through Literature I	4
SPAN342	Hispanic Cultures through Literature II	4
SPAN343	Hispanic Cultures through Literature III	4
SPAN344	Hispanic Cultures through Literature IV	4
SPAN450	Colonial Latin American Literature: [Topic]	4
SPAN480	19th-Century Spanish American Literature: [Topic]	4
SPAN490	20th-Century Latin American Literature: [Topic]	4
SWAH302	Contemporary Swahili Literature	5
SWAH303	Language and Culture: Swahili Nation	5
WGS351	Introduction to Global Feminisms	4

Identity, Pluralism, and Tolerance

AAA321	Inclusive Urbanism	4
AAD250	Art and Human Values	4
AAD251	The Arts and Visual Literacy	4
AAD252	Art and Gender	4
ANTH165	Sexuality and Culture	4
ANTH173	Evolution of Human Sexuality	4
ANTH314	Gender in Cross-Cultural Perspective	4
ANTH315	Gender, Folklore, Inequality	4
ANTH320	Native North Americans	4
ANTH329	Immigration and Farmworkers Political Culture	4
ANTH362	Human Biological Variation	4
ANTH368	Scientific Racism: An Anthropological History	4
ANTH429	Jewish Folklore and Ethnology	4
ANTH439	Feminism and Ethnography	4
ANTH443	North American Archaeology	4
ANTH448	Gender and Archaeology	4
ANTH465	Gender Issues in Nutritional Anthropology	4
ARH320M	History of Jewish Art	4
ASL301	American Deaf Culture	4
CHN350	Gender and Sexuality in Traditional Chinese Literature	4
CHN351	Gender and Sexuality in Modern Chinese Literature	4
CINE350	Gender and Sexuality in European Cinema	4
CLAS110	Classical Mythology	4
CLAS314	Gender and Sexuality in Antiquity	4
COLT101	Introduction to Comparative Literature	4
COLT301	Approaches to Comparative Literature	4
COLT360	Gender and Identity in Literature	4
COLT370	Comparative Comics	4
EC330	Urban and Regional Economic Problems	4
EC430	Urban and Regional Economics	4
ENG241	Introduction to African American Literature	4
ENG242	Introduction to Asian American Literature	4
ENG243	Introduction to Chicano and Latino Literature	4

ENG244	Introduction to Native American Literature	4
ENG245	Introduction to Ethnic American Literature: [Topic]	4
ENG315	Women Writers' Cultures: [Topic]	4
ENG316	Women Writers' Forms: [Topic]	4
ENG340	Jewish Writers	4
ENG360	African American Writers	4
ENG361	Native American Writers	4
ENG362	Asian American Writers	4
ENG363	Chicano and Latino Writers	4
ENG381	Film, Media, and Culture	4
ENG496	Feminist Film Criticism: [Topic]	4
ES310	Race and Popular Culture: [Topic]	4
ES350	Native Americans and the Environment	4
ES352	Social Equity and Criminal Justice	4
ES370	Race, Ethnicity, and Cinema: [Topic]	4
ES440	Race, Literature, and Culture: [Topic]	4
ES456	History of Native American Education	4
FLR250	Introduction to Folklore	4
FLR255	Folklore and United States Popular Culture	4
FLR370	Folklore and Sexuality	4
FLR418	Folklore and Gender	4
FLR483	Folklore and Mythology of the British Isles	4
FR497	Francophone Women's Writing	4
GEOG343	Society, Culture, and Place	4
GEOG441	Political Geography	4
GEOG444	Cultural Geography	4
GEOG445	Culture, Ethnicity, and Nationalism	4
GER222	Voices of Dissent in Germany	4
GER223	Germany: A Multicultural Society	4
GER351	Diversity in Germany	4
GER354	German Gender Studies	4
HC424H	Honors College Identities Colloquium: [Topic]	4
HIST205	Ancient Sports	4
HIST221	Sex in History	4
HIST308	History of Women in the United States I	4
HIST309	History of Women in the United States II	4
HIST350	American Radicalism	4
HIST351	American Radicalism	4
HIST358	American Jewish History	4
HIST373	Shi'ism and Revolution	4
HIST386	India	4
HIST388	Vietnam War and the United States	4
HIST414	Ancient Rome: [Topic]	4
HIST469	American Indian History: [Topic]	4
INTL360	International Cooperation and Conflict	4
INTL370	International Human Rights	4
INTL421	Gender and International Development	4
INTL433	Childhood in Cross-Cultural Perspective	4
INTL447	Comparative Tribalisms	4
J320	Gender, Media, and Diversity	4
JDST212	Medieval and Early Modern Judaism	4
JDST213	The Jewish Encounter with Modernity	4
JDST220	Introduction to Judaism	4
JDST320M	History of Jewish Art	4
JDST324	Jewish-Christian Relations through the Ages	4
JDST330	American Jewish Cultures	4
LING201	Language and Power	4
LING491	Sociolinguistics	4
MUS250	Popular Musics in Global Context	4
MUS281	Music of the Woodstock Generation	4
MUS457	Native American Music	4
MUS460	Music and Gender	4
MUS462	Popular Musics in the African Diaspora	4
PHIL110	Human Nature	4
PHIL170	Love and Sex	4
PHIL343	Critical Theory	4
PHIL452	Philosophy and Race	4
PS106	Power, Politics, and Inequality	4
PS109	Politics, Science, and the Body	4
PS324	European Politics	4
PS348	Women and Politics	4
PS368	Gendering the Law	4
PS380	Gender and Politics in Developing Countries	4
PS386	United States Social Movements and Political Change	4
PS389	Direct Democracy	4
PSY366	Culture and Mental Health	4
PSY380	Psychology of Gender	4
REL102	World Religions: Near Eastern Traditions	4
REL211	Early Judaism	4
REL233	Introduction to Islam	4
REL253	Religion, Love, and Death	4
REL318	Women in Judaism	4
REL353	Dark Self, East and West	4
REL355	Mysticism	4
SCAN325	Constructions versus Constrictions of Identity	4
SCAN353	Scandinavian Women Writers	4
SOC204	Introduction to Sociology	4
SOC207	Social Inequality	4
SOC301	American Society	4
SOC355	Sociology of Gender	4
SOC455	Issues in Sociology of Gender: [Topic]	4
SOC456	Feminist Theory	4
SPAN308	Cultura y lengua: comunidades bilingues	4
WGS101	Women, Difference, and Power	4
WGS201	Introduction to Queer Studies	4
WGS303	Women and Gender in American History	4
WGS315	History and Development of Feminist Theory	4
WGS331	Science, Technology, and Gender	4

WGS341	Women, Work, and Class	4
WGS352	Gender, Literature, and Culture	4
WGS361	Gender in Film and Television	4
WGS411	Feminist Praxis	4
WGS422	Sexuality Studies: [Topic]	4

College of Arts and Sciences

W. Andrew Marcus, Acting Dean
541-346-3902
114 Friendly Hall

The College of Arts and Sciences is the academic and intellectual hub of the University of Oregon, providing a core liberal arts curriculum to the vast majority of UO undergraduates—even those who will go on to earn a degree in one of the professional schools such as journalism or business.

The University of Oregon was founded in 1876 on a liberal arts curriculum, which has evolved over time to meet the needs of contemporary students. Owing to the breadth and depth of the curriculum provided by the College of Arts and Sciences, the University of Oregon is known as the premier liberal arts institution among the state's public universities.

The fundamental academic mission of the college is to foster a solid and broad general education, which includes the cultivation of quantitative, analytical, and communication skills; an understanding of social and intellectual history; an appreciation of literary and artistic expression; and habits of creative and critical thinking.

Building on its foundational undergraduate curriculum, the college offers fifty major degree programs in the humanities, social sciences, and natural sciences. Moreover, the College of Arts and Sciences is the heart of the university's research enterprise. The college has almost 900 faculty members, most of whom are engaged in active research programs and make original contributions to their respective fields of knowledge. Because of this, students have the opportunity to learn from leading researchers while receiving a liberal education that prepares them to be successful global citizens in the twenty-first century.

Liberal Education

Social, political, and economic change is accelerating at a phenomenal pace. Many careers exist today that did not exist ten or even five years ago, and the U.S. Department of Labor predicts that young people today will have had ten to fourteen jobs by the time they are thirty-eight years old. Those best prepared for the future will be those who have developed a capacity for resourcefulness, judgment, analysis, leadership, clear communication, and an informed global perspective—in other words, the skills and knowledge that come from a liberal arts education.

Even students who plan to move into specialized postgraduate careers will benefit from an educational foundation that emphasizes how values, history, and context combine with creative thought and informed inquiry to determine the best way forward, in both professional and civic life. Thus a liberal arts education provides an essential framework for a lifetime of work and growth in a world where many professions are undergoing profound, sweeping transformations.

Academic Programs

The College of Arts and Sciences offers numerous disciplinary and interdisciplinary degree programs and majors, a varied selection of minors, and several certificates. These are described in detail in the pages that follow. As part of the requirements for graduation from the University of Oregon, every student undertakes in-depth study in an area of specialization that is the student's major. Many students find it advantageous to complete a minor or certificate in an area of specialization that complements the major. Some minor programs offer a student whose major is in the College of Arts and Sciences the chance to gain expertise in subjects offered by a professional school.

Preparatory Programs

The college has preparatory programs for professional specializations. Information about these programs—those offered by the College of Arts and Sciences and those offered elsewhere in the university—is in the **Academic Resources** section of this catalog.

Undergraduate Research Opportunities

The University of Oregon is smaller than most public research universities because it does not have schools of medicine, agriculture, public health, engineering, or veterinary medicine. This means that it can offer a learning environment scaled for faculty-student interaction that is more like a private liberal arts college than a large research institution.

Undergraduate students are encouraged to participate in faculty research projects. Arrangements must be made with the individual faculty member and the department.

Opportunities are plentiful: last year, almost 800 undergraduates enrolled in research credit hours in the College of Arts and Sciences. In addition, more than twentydepartments in the College of Arts and Sciences offer an honors program with an undergraduate research thesis requirement.

Advising

Students who have declared a major, or who are premajors in a particular field, plan their programs with advisors in their major departments. Majors should be chosen by the middle of the sophomore year. Many entering freshmen—and some students at more advanced stages—have not decided on a major or even the general direction of their academic work. These undeclared students are assigned academic advisors by the director of college advising and the Office of Academic Advising.

Preparation for Kindergarten through Secondary School Teaching Careers

Students who complete a degree in a College of Arts and Sciences department are eligible to apply to the College of Education's fifth-year licensure programs in middle-secondary and elementary teaching. More information is available in the **College of Education** section of this catalog, or by visiting ecat.uoregon.edu.

College Scholars

College Scholars is an honors-track program that provides opportunities for high-achieving and motivated students to enrich their undergraduate education throughunique course offerings and interactions with some of the college's finest faculty members. The program attracts and challenges academically strong and gifted students, and fosters excellence by enhancing the core elements of a liberal arts education: critical reasoning; curiosity; written and oral communication; ethical and moral judgment; and philosophical, historical, scientific, and other forms of inquiry.

Admission

Students are invited to apply to the program if they have a high school GPA of 3.75 or higher and comparable performance on standard tests: SAT combined reading and mathematics score of 1200 or higher, or

ACT combined score of 26 or higher. Students are invited to apply for admission during the winter before their freshman year.

Required Elements

Freshman Colloquia

In these 1-credit courses, entering freshman college scholars meet distinguished faculty members who discuss current research and opportunities for undergraduates within their departments. Students are required to complete two colloquia during their first year at Oregon. Each term, freshman colloquia are offered in the natural sciences, social sciences, and humanities.

General-Education Courses

Students in the program have the opportunity to enroll in special courses that satisfy UO general-education requirements needed for graduation. These courses have small enrollments and are taught by accomplished faculty members. Students are expected to complete four College Scholars general-education courses, typically two courses during the first year and two during the second year. In the first year, a Reacting to the Past course is included as one of the two required courses. At the University of Oregon, Reacting to the Past courses are unique to the College Scholars program. In these courses, students learn about pivotal events in history by taking on roles to act out some part of what took place. This format promotes understanding of the larger underlying ideas, improves critical-thinking skills, encourages students to take an active role in their own learning, and develops their ability to do so.

Above and Beyond

Students in the College Scholars program are expected to pursue additional opportunities as they advance to their second through senior years (e.g., research assistantships, internships, departmental honors, overseas study). Advising and mentoring is available to students enrolled in the program to facilitate this requirement, both formally through College Scholars events and informally through peer advising.

Other Opportunities

Global Scholars Hall

Students in the program may choose to live in the Global Scholars Hall, which has an atmosphere that encourages intellectual and personal growth; resident assistants in the honors hall are drawn from College Scholars and other honors programs.

For more information, visit csch.uoregon.edu.

Courses

CAS101H. Reacting to the Past. 4 Credits.
Centers on complex, exciting role-playing simulations of decisive historical events and develops key analytical skills in close readings of classic texts.

CAS110. Humanities College Scholars Colloquium. 1 Credit.
Introduces fields in the humanities to freshman honors students. Faculty members discuss their research, the nature of their fields, and career opportunities. Repeatable twice for a maximum of 3 credits.
Pre- or coreq: acceptance into the Society of College Scholars program.

CAS120. Science College Scholars Colloquium. 1 Credit.
Introduces fields in the sciences to freshman honors students. Faculty members discuss their research, the nature of their fields, and career opportunities. Repeatable twice for a maximum of 3 credits.
Pre- or coreq: acceptance into the Society of College Scholars program.

CAS130. Social Science College Scholars Colloquium. 1 Credit.
Introduces fields in the social sciences to freshman honors students. Faculty members discuss their research, the nature of their fields, and career opportunities. Repeatable twice for a maximum of 3 credits.
Pre- or coreq: acceptance into the Society of College Scholars program.

CAS199. Special Studies: [Topic]. 1-5 Credits.
Repeatable.

CAS399. Special Studies: [Topic]. 1-5 Credits.
Repeatable.

CAS401. Research: [Topic]. 1-12 Credits.
Repeatable.

CAS402. Supervised College Teaching. 1-5 Credits.
Repeatable.

CAS404. Internship: [Topic]. 1-12 Credits.
Repeatable.

CAS407. Seminar: [Topic]. 1-12 Credits.
Repeatable.

CAS409. Practicum: [Topic]. 1-12 Credits.
Repeatable.

African Studies

Yvonne A. Braun, Program Director
541-346-5051
541-346-5041 fax
175 Prince Lucien Campbell Hall
5206 University of Oregon
Eugene, Oregon 97403-5206

The African Studies Program encourages teaching and scholarship on sub-Saharan Africa, North Africa, and the wider African diaspora. The program is a focal point for students and faculty members with expertise in African studies, encouraging course offerings related to Africa, promoting study abroad programs and internships, raising funds to expand African studies resources, and organizing campus and local community events pertaining to Africa. In addition, the program supports faculty and student research on Africa and facilitates dissemination of research through the Baobab Lectures (for faculty and guest presentations) and the Acacia Seminars (for presentations of student research and experiences).

Students may earn an undergraduate minor in African studies.

Overseas Opportunities

The university sponsors a summer journalism program in Ghana as well as a summer international studies program in Dakar, Senegal. UO students may apply to study at the University of Ghana; the University of Cape Town or Stellenbosch University, South Africa; or the University Cheikh Anta Diop, Senegal, through the Council on International Educational Exchange. Students may also choose one of nineteen programs in thirteen African countries sponsored by the School for International Training—Botswana, Cameroon, Ethiopia, Ghana, Kenya, Madagascar, Mali, Morocco, Senegal, South Africa, Tanzania, Tunisia, and Uganda. Financial aid is available for all these programs. For more information, call the International Affairs office, 541-346-3207.

Students in all University of Oregon study abroad programs enroll in courses with subject codes that are unique to individual programs. Special course numbers are reserved for overseas study. See

International Affairs in the **Academic Resources** section of this catalog. Students may earn academic credit while gaining career-related work experience through internships in sub-Saharan Africa overseen by the IE_3 Global Internships program. Financial aid is available. Information may be requested from the International Affairs office.

African Language Study

The UO offers first- and second-year Modern Standard Arabic and Swahili. UO 5-credit Arabic and Swahili courses satisfy the university's two-year BA foreign-language requirement. For courses in Arabic, see the Religious Studies (p. 348) section of this catalog.

The University of Oregon also offers opportunities for self-study, with the assistance of native speakers, in Akan, Wolof, Bamana-Dyula, Hausa-Fulani, Shona, and Amharic. Information is available from the Yamada Language Center; call 541-346-4011.

Participating Faculty

Michael Allan, comparative literature

Oluwakemi Balogun, women's and gender studies

B. Mokaya Bosire, linguistics

Lindsay F. Braun, history

Yvonne A. Braun, women's and gender studies

Alfredo Burlando, economics

Jenifer P. Craig, dance

André Djiffack, Romance languages

Stephen Dueppen, anthropology

Hanan Elsherif, religious studies

John Fenn, arts and administration

Stephen R. Frost, anthropology

Dennis C. Galvan, international studies

Ibrahim J. Gassama, law

Lisa M. Gilman, English

Melissa Graboyes, Oregon Consortium for International and Area Studies

Rita Honka, dance

Habib Iddrisu, music

Leslie McLees, geography

Lanie Millar, Romance languages

Angela Montague, anthropology

Doris L. Payne, linguistics

Ron Severson, management

H. Leslie Steeves, journalism and communication

Nelson Ting, anthropology

Peter A. Walker, geography

Janis C. Weeks, biology

Frances J. White, anthropology

David R. Woken, UO Libraries

Stephen R. Wooten, international studies

Associated

John E. Russell, UO Libraries

Undergraduate Studies

Minor in African Studies

Each student in the minor program is assigned a faculty advisor. Students who want to earn an undergraduate minor in African studies must satisfy the following requirements, comprising 28 graded credits and *either* the study of an African language *or* a study abroad or internship opportunity in Africa. Current Africa-related courses that count toward the minor are listed on the program website (africa.uoregon.edu) under the African studies minor link.

Core Courses		
HUM315	Introduction to African Studies	4
History of Africa		4
Select one of the following:		
HIST325	Precolonial Africa	
HIST326	Colonial and Postcolonial Africa	
ANTH453	African Archaeology	
Contemporary African Issues		4
Select one of the following:		
AFR199	Special Studies: [Topic] (Health and Disease in Africa)	
FLR225	Voices of Africa	
INTL260	Culture, Capitalism, and Globalization	
BI309	Tropical Diseases in Africa	
INTL345	Africa Today: Issues and Concerns	
FR407	Seminar: [Topic] (Contemporary Africa)	
J410	Experimental Course: [Topic] (Media in Ghana)	
HIST417	Society and Culture in Modern Africa: [Topic]	
INTL445	Development and Social Change in Sub-Saharan Africa	
ENVS450	Political Ecology	
SOC450	Sociology of Developing Areas	
GEOG475	Advanced Geography of Non-European-American Regions: [Topic] (Africa—Politics, Development, and Environment)	
Culture, Ethnicity, and Identity in Africa		4
Select one of the following:		
DANC185	African Dance	
DANC199	Special Studies: [Topic] (African Drumming)	
DANC285	African II	

ANTH310	Exploring Other Cultures: [Topic] (African Masks and Meanings)	
ANTH327	Anthropological Perspectives on Africa	
LING331	African Languages: Identity, Ethnicity, History	
LING407	Seminar: [Topic] (African Language Families)	
ANTH410	Experimental Course: [Topic]	
FLR416	African Folklore	
INTL447	Comparative Tribalisms	
MUS462	Popular Musics in the African Diaspora	
FR490	20th-Century Literature: [Topic] (Postcolonial Africa)	
Electives		
Electives (see Electives list) [1]		12
Advanced Research Requirement		
400-level course requiring research paper with 50 percent Africa content [2]		
Experiencing Africa		
Select one of the following:		
African language [3]		
One term of study or internship in Africa [4]		
Total Credits		**28**

1. Must be approved by a faculty advisor; 8 credits must be at the 400 level. Recommended courses include any courses listed in the course list or the Electives list. Additional courses may be approved by the faculty advisor.
2. The paper must be approved by a faculty advisor and may be completed in a course that counts for one of the requirements listed. For students who have completed an internship in Africa, the paper may be based on primary source data gathered during that experience. For others, the research paper should include an original argument or line of interpretation based on secondary sources.
3. Possibilities include Arabic, Swahili, Wolof, or one year of another approved language. Although English, French, Portuguese, and Spanish are the first languages of many African citizens, they may not be used to satisfy this requirement.
4. For study abroad, courses will be evaluated for UO credit on a case-by-case basis through the standard Office of International Affairs procedures for assigning credit and course equivalency. Students consult with the faculty member who is sponsoring their study-abroad experience to prepare an agreement that must include the following:
   - a list of readings relevant to the experience, which are to be completed prior to and during the experience
   - a reflective journal on the student's activities and cross-cultural experiences
   - a final paper integrating preparatory readings with the experience (approximately 4,500 words, plus references)

   An African studies minor advisor must approve the credits earned in study-abroad or internship programs.

Electives

AFR407	Seminar: [Topic] (Africa in Oregon)	1-5
AFR410	Experimental Course (Global Disease Eradication)	1-5
ANTH310	Exploring Other Cultures: [Topic] (Near Eastern and Egyptian Prehistory)	4
ANTH327	Anthropological Perspectives on Africa	4
ANTH342	Archaeology of Egypt and Near East	4
ANTH410	Experimental Course: [Topic] (African Topics)	5
ARB301–303	Language and Culture	12
ARB331	Reading Classical Arabic	4
ARB410	Experimental Course: [Topic] (One Thousand and One Nights)	1-5
BI309	Tropical Diseases in Africa	4
BI410	Experimental Course: [Topic] (HIV/AIDS in Africa)	16
DAN301	Dance in Traditional Cultures: Africa: [Topic] (Africa and the Diaspora)	4
DANC399	Special Studies: [Topic] (African Drumming)	1-5
DAN481	Repertory Dance Company: Rehearsal (Dance Africa)	1-12
ENG399	Special Studies: [Topic] (African Literature)	5
ENVS450	Political Ecology	4
FLR416	African Folklore	4
FR407	Seminar: [Topic] (African Topics)	1-6
FR410	Experimental Course: [Topic] (African Cinema)	1-4
FR490	20th-Century Literature: [Topic] (The Absurd and the Fantastic; Postcolonial Africa)	4
HIST325	Precolonial Africa	4
HIST326	Colonial and Postcolonial Africa	4
HIST410	Experimental Course: [Topic] (Health and Disease in Africa)	6
HIST417	Society and Culture in Modern Africa: [Topic]	4
HIST419	African Regional Histories: [Topic]	4
INTL345	Africa Today: Issues and Concerns	4
INTL420	International Community Development	4
INTL421	Gender and International Development	4
INTL445	Development and Social Change in Sub-Saharan Africa	4
INTL447	Comparative Tribalisms	4
J410	Experimental Course: [Topic] (Media in Ghana)	4
LING407	Seminar: [Topic] (African Language Families)	1-5
MUS358	Music in World Cultures	4
MUS451	Introduction to Ethnomusicology	4
MUS452	Musical Instruments of the World	4
MUS459	African Music	4
PS399	Special Studies: [Topic]	1-5
SOC313	Social Issues and Movements	4
SOC450	Sociology of Developing Areas	4
SWAH101	First Year Swahili	5
SWAH102–103	First-Year Swahili	10

SWAH201	Second-Year Swahili	5
SWAH201–202	Second-Year Swahili	10
SWAH301	Advanced Swahili	5
SWAH302	Contemporary Swahili Literature	5
SWAH303	Language and Culture: Swahili Nation	5
WGS410	Experimental Course: [Topic] (Gender and Global Social Justice)	1-4
WGS432	Gender, Environment, and Development	4

Deviations from the requirements listed must be approved by an African studies advisor.

Restrictions

No more than 8 credits toward the minor may be from 100-level courses or courses with less than 50 percent Africa content, and no more than 4 credits may be from music or dance performance courses. Students must consult with an African studies advisor to confirm that curricular overlap between the student's major and the African studies minor maintains the principle of academic breadth.

Graduate Studies

Arranging a graduate degree program with a concentration in African studies is possible in a number of departments and programs in the College of Arts and Sciences and the School of Music and Dance. Anthropology, biology, dance, environmental studies, French (in the Romance languages department), folklore, geography, history, international studies, linguistics, political science, and sociology have faculty members with expertise and strong interest in this area.

Students should consult with the affiliated faculty members regarding such arrangements.

Courses

AFR196. Field Studies: [Topic]. 1-5 Credits.
Repeatable.

AFR198. Workshop: [Topic]. 1-5 Credits.
Repeatable.

AFR199. Special Studies: [Topic]. 1-5 Credits.
Repeatable.

AFR399. Special Studies: [Topic]. 1-5 Credits.
Repeatable.

AFR401. Research: [Topic]. 1-12 Credits.
Repeatable.

AFR403. Thesis. 1-12 Credits.
Repeatable.

AFR404. Internship: [Topic]. 1-12 Credits.
Repeatable.

AFR405. Reading and Conference: [Topic]. 1-12 Credits.
Repeatable.

AFR406. Field Studies: [Topic]. 1-12 Credits.
Repeatable.

AFR407. Seminar: [Topic]. 1-5 Credits.
Repeatable.

AFR408. Workshop: [Topic]. 1-12 Credits.
Repeatable.

AFR409. Supervised Tutoring. 1-4 Credits.
Repeatable.

AFR410. Experimental Course. 1-5 Credits.
Repeatable.

AFR507. Seminar: [Topic]. 1-5 Credits.
Repeatable.

AFR508. Workshop: [Topic]. 1-12 Credits.
Repeatable.

AFR510. Experimental Course. 1-5 Credits.
Repeatable.

AFR601. Research: [Topic]. 1-4 Credits.
Repeatable.

AFR603. Dissertation. 1-9 Credits.
Repeatable.

AFR604. Internship: [Topic]. 1-4 Credits.
Repeatable once for a maximum of 8 credits.

AFR605. Reading and Conference: [Topic]. 1-4 Credits.
Repeatable.

AFR606. Field Studies: [Topic]. 1-4 Credits.
Repeatable once for a maximum of 8 credits.

AFR609. Supervised Tutoring. 1-4 Credits.
Repeatable once for a maximum of 8 credits.

American English Institute

Eric W. Pederson, Interim Director
541-346-3945
541-346-3917 fax
107 Pacific Hall
5212 University of Oregon
Eugene, Oregon 97403-5212
aei@uoregon.edu

The American English Institute offers several English-language programs for adults who want to improve their English proficiency in order to perform effectively in an academic or professional setting:

- Intensive English Program
- Academic English for International Students program
- International Graduate Teaching Fellow program
- online distance education (e-learning) program
- special short-term program

Institute instructors are university faculty members with specialized training in linguistics, applied linguistics, or teaching English as a second language. Classes begin in September, January, March, and June.

Intensive English Program

This program consists of a basic seven-level curriculum and an elective curriculum.

The basic seven-level curriculum is divided into two combined skill areas: oral communication, which emphasizes speaking and listening, and written communication, which emphasizes reading and composition.

The elective curriculum consists of optional courses that focus on areas of special concern or interest to students, including Test of English as

a Foreign Language (TOEFL) Preparation I and II, Business English, Pronunciation, and Academic Vocabulary.

Other services and facilities, including an audio-digital laboratory and a Macintosh computer laboratory, help students develop English proficiency. Advanced students may enroll, with approval from the institute, in one regular university course. Trained and supervised tutors help students with course work, conversation, listening, reading, composition, and pronunciation.

Academic English for International Students

This program is offered to matriculated students who have scored between 500 and 575 on the paper-based TOEFL, between 61 and 88 on the Internet-based TOEFL, or below 7.0 on the International English Language Testing System (IELTS) examination, or who request additional training in English as a second language for academic work. Courses are offered in listening, speaking, reading and vocabulary, and writing. A placement test is required before registering. These courses earn university credit and are taken at the same time as other university course work. Information about this program is available from the American English Institute main office, its advising office, and the Office of International Affairs.

International Graduate Teaching Fellow Program

English courses are offered to international teaching assistants who need or want help in improving English for use in the classroom. Courses are offered to improve listening and speaking abilities, pronunciation, and university-level teaching and classroom interaction skills. Information about this program is available from the institute office, the Office of International Affairs, and the Graduate School.

Distance Learning

The institute offers several online e-learning courses and video conferencing workshops in language-teacher training. Specialized distance courses can also be designed upon request.

Short-Term Programs

The institute designs and teaches short-term programs for groups of students. Programs may target areas of interest such as business, university preparation, American language and culture, or second-language teaching methodology.

Student Services

The institute's services for students in the intensive and short-term programs include host families, an academic advisor, an extensive orientation program before classes begin, and planned activities in Eugene and Oregon.

Admission Procedures

The institute's Intensive English Program is open to students who have successfully completed secondary school and are able to demonstrate sufficient financial support for study at the institute. Students are advised to study English for a minimum of six months prior to admission. To apply, submit the following materials:

1. An American English Institute application form
2. Original or certified copies of the most recent degree or diploma received
3. A personal (or guarantor's) bank statement showing the exact amount available for the period of study, or evidence of a scholarship
4. A nonrefundable application fee of $110

Admission to the Intensive English Program does not imply admission to any other school or program at the University of Oregon. Inquiries about admission should be directed to the institute's admissions coordinator.

Faculty

Karen Adams, instructor (intensive English language instruction, teacher trainer, academic reading and writing). BA, 1985, MA, 1988, Arizona; PhD, 1995, Oregon; MAT, 2003, Pacific. (2008)

Edward Adamson, instructor (academic vocabulary, writing and grammar). BA, 1997, Wisconsin, Madison; MEd, 2006, Minnesota, Twin Cities. (2011)

Agnieszka Alboszta, instructor (critical thinking, distance education). BA, 1993, Minnesota, Twin Cities; MA, 2000, California Institute of Integral Studies. (2003)

Marc Arndt, instructor (upper-level reading, writing and grammar instruction, extensive reading). BA, 1999, Oberlin College; MA, 2011, Oregon. (2011)

Jane Averill, senior instructor (academic speaking, writing and language program administration). BA,1974, Kansas; MA, 1980, San Francisco State. (2013).

Brandon Bigelow, adjunct instructor (reading, writing, grammar and oral communication skills). BA, 2010, MA, 2013, Oregon. (2013)

Stephina Brewer, adjunct instructor (academic reading and writing, ongoing orientation). BA, 1987, MA, 1999, Arizona State. (2013)

John Busch, adjunct instructor (English linguistics, reading and vocabulary). BA 1982, Minnesota, Twin Cities; MA, 2007, Oregon. (2013)

Brian Butler, adjunct instructor (academic reading and writing). BA, 1992, Pacific Christian College; MA, 1998, Emmanuel School of Religion; PhD, 2012, Oregon. (2005)

Matthew Chambers, adjunct instructor (academic reading and writing, ongoing orientation). BA, 2008, MA, 2009, Kent. (2013)

Sandra Clark, instructor (intensive English language teaching, content-based instruction, critical thinking). BA, 1982, San Jose State; MA, 2004, Portland State. (2011)

Dustin Crawford, instructor (listening and speaking skills, academic advising, group learning dynamics). BA, 2006, California State, Bakersfield; MA, 2009, California State, Fresno. (2011).

Thomas Delaney, instructor (Teaching English to speakers of other languages, testing and assessment, differences in language learning); instructional coordinator. BA, 1994, Loyola Marymount; MA, 1998, Monterey Institute of International Studies; PhD, 2009, Auckland. (2006)

Charles Dold, instructor (academic reading and writing). BS, 1989, MLS, 1994, MA, 2004, Illinois, Urbana-Champaign. (2012)

Robert Diem, instructor (curriculum development, academic writing). BS, 1992, Western Washington; MA, 1996, School for International Training. (2013)

Jessica Dinneen, instructor (academic English for international students). BA, 2003, Idaho; MA, 2010, Eastern Washington. (2011)

Darrin Divers, instructor (grammar instruction, materials development, indirect instruction). BA, 1987, Western Oregon; MA, 1992, Warwick. (2008)

Angela Dornbusch, head academic advisor. BA, 1995, St. Olaf College; MA, 2006, San Francisco State. (2012)

Rachel Drummond, instructor (technology-enhanced curriculum design, teacher training, assessing listening and speaking). BA, 2003, MEd, 2005, Oregon. (2006)

Nancy C. Elliott, instructor (oral communication skills, English dialectology and sociolinguistics). BA, 1982, MA, 1986, Kansas; PhD, 2000, Indiana, Bloomington. (2010)

Robert K. Elliott, instructor (pronunciation and intonation, international GTF training, distance education). BA, 1988, California, Los Angeles; MA, 1994, San Francisco State. (2007)

Nicole M. Eustice, instructor (English as a second language curriculum design, critical thinking, theoretical and applied phonology). BA, 2000, MA, 2004, Iowa. (2010)

Alison Evans, senior instructor (academic English for international students). BA, 1980, Ohio Wesleyan; MA, 1985, San Francisco State. (1995)

Bruce Evans, instructor (second-language acquisition, learning and cognitive theory, content-based instruction). BS, 1982, Southern Oregon; MEd, 1992, Temple, Japan. (2010)

Daniel Forman, adjunct instructor (academic writing and oral communication). BA, 2004, MA, 2013, Texas, Austin. (2013)

Sarah Foroughifar, adjunct instructor (academic writing and oral communication for international students). BA, 2008, Isfahan; MA, 2013, Oregon. (2012)

Roger Frost, instructor (intermediate and advanced writing and reading). BA, 1965, California, Berkeley; MS, 1973, California State, Fullerton (2011)

Tara Gabsi, instructor (intensive English-language teaching, curriculum development). BA, 1995, Montana State; MA, 2000, Montana. (2011)

Isaac Gaines, adjunct instructor (English as a second language instruction; reading, writing, grammar, and oral skills). BS, 2000, Ohio; MA, 2013, Oregon. (2013).

Alicia R. Going, instructor. BA, 1987, Seattle; MA, 1995, School for International Training. (2003)

Sandra Greenstreet, instructor (intensive English instruction, curriculum development) BA, 1990, Oregon; MA, 1998, Monterey Institute of International Studies. (2005)

Amy S. Griffin, adjunct instructor. (low-level English as a second language instruction). BA, 1997, Drake; MA, 2012, Oregon. (2012)

Andy Halvorsen, instructor (teacher training, distance education). BA, 1996, Western Washington; MEd, 2003, Seattle; PhD, 2014, Illinois, Urbana-Champaign. (2013)

Maiko Hata, instructor (academic advising, learning disabilities, learning strategies). BA, 1997, Doshisha Women's College of Liberal Arts; MA, 1998, Monterey Institute of International Studies. (2008)

Monica Hatch, instructor (academic English for international students). BA, 1994, Georgia; MA, 2011, Georgia State. (2011)

Deborah Healey, instructor (computer-assisted language learning, teacher education, English language teaching). BA, 1974, Queen's (Ontario); MA, 1976, PhD, 1993, Oregon. (2009)

Char Heitman, senior instructor (teacher training, cross-cultural communication, oral skills and fluency). BA, 1988, Northern Iowa; MA, 1993, Iowa. (1997)

Sherie Henderson, instructor (critical thinking, best practices). BA, 1973, Southern Oregon College; AB, 1978, Prairie Bible College; MEd, 2001, Regent. (2012)

Deanna Hochstein, senior instructor (intercultural communication, academic writing, critical thinking). BA, 1973, Oregon State; MA, 1978, Oregon. (1979)

Laura G. Holland, instructor (intensive English-language teaching, teacher training, online distance education). BS, 1981, Wheelock College; MA, 1991, Columbia. (2010)

Britt Johnson, instructor (English as a second language reading, writing, grammar; curriculum; faculty community of practice). BA, 1992, Colorado. (2012)

Daria Kadrova, adjunct instructor (lower-level reading and writing). BA, 2008, MA, 2009, Kirovohrad State Pedagogical. (2013).

Bruno Kamps, instructor (lower-level oral skills, humor and the affective filter, academic reading and writing). BA, 1986, MA, 2006, Oregon. (2006)

Sydney Kinnaman, senior instructor (developmental reading, Test of English as a Foreign Language preparation, academic English); coordinator, tutor program. BA, 1979, Idaho; MA, 1982, Washington State, MA 1986, Oregon. (1983)

Stephen Kraemer, instructor (lower-level oral skills, reading and phonics, grammar). BA, 1970, Northwestern; MA, 1975, Seton Hall; EdD, 1980, Rutgers. (2006)

Sean McClelland, instructor (academic listening and speaking skills, e-learning, mobile assisted language learning). BA, 2010, MA, 2011, Oregon. (2011)

Kelley McMinn, instructor (academic written and oral communication, English grammar). BA, 2006, MA, 2007, Oregon. (2007)

Tonya Mildon, instructor (academic writing, academic oral communication, academic success). BA, 1990, Washington (Seattle); MA, 2000, Central Washington. (2011)

Matthew Monaghan, adjunct instructor (upper-level reading and writing) BA, 2000, Colorado; MA, 2010, Florida International. (2013)

Russell Moon, instructor (academic technology). BA, 1997, MA, 2003, Florida. (2014)

Jennifer Morris, instructor (intermediate and advanced academic writing; reading and grammar, curriculum development). BA, 1991, California, Santa Cruz; MA, 1996, Leicester. (2011)

Michael Morris, adjunct instructor. BA, 2008, George Mason; MA, 2013, West Virginia. (2014)

Neva Nicolato, instructor (upper-level reading and writing, grammar, oral communication skills) BA, 2009, MA, 2011, Oregon (2011)

Andy Noonan, adjunct instructor (e-learning, intensive English instructor for upper levels). BA, 1996, Western Washington; MA, 2010, School for International Training Graduate Institute. (2014)

Leslie Opp-Beckman, senior instructor; coordinator, distance education. BA, 1979, MA, 1989, PhD, 2007, Oregon. (1995)

Sueanne Parker, senior Instructor (grammar, critical reading, test preparation). BA, 2001, Western Washington; MA, 2005, Seattle Pacific. (2006)

Patricia Pashby, senior instructor (second-language teaching, teacher training, vocabulary acquisition); coordinator, international graduate teaching fellow program. BA, 1987, MA, 1990, San Francisco State; EdD, 2002, San Francisco. (2001)

Becki Quick, instructor (curriculum development, academic reading, community connections in learning). BA, 1994, Evergreen State College; MA, 2009, New School. (2011)

Lara M. Ravitch, instructor (curriculum design, assessment, content-based instruction). BA, 1998, Connecticut College; MA, 2002, Monterey Institute of International Studies. (2011)

Jennifer Rice, instructor (English as a second language oral-aural skills, curriculum and materials design, objectives-based course assessment). BS, 2000, Ashland; MA, 2002, Western Oregon. (2010)

Korey Rice, instructor (discussion skills assessment, curriculum development). BA, 1999, Ashland; MS, 2004, Shenandoah. (2004)

Beth Richardson, instructor (academic English for international students), BEd, 2003, McGill; MA, 2010, Simon Fraser. (2011)

Dennis Rogers, adjunct Instructor (reading, writing, grammar, and oral communication skills; curriculum development). BA, 1998, Oregon; MA, 2009, Portland State. (2013)

Robin Rogers, instructor (curriculum development, materials writing, assessment procedures). BS, 2001, George Fox; MA, 2006, Seattle Pacific. (2010)

Celeste Scholz, adjunct instructor (e-learning). BA, 1975, DePaul; MA, 1977, Southern Illinois; MEd, 1991, Marymount. (2012)

Janine Sepulveda, instructor (reading, writing, grammar). BA, 1991, Oregon; MA, 1995, Monterey Institute of International Studies. (1995)

Donna Shaw, instructor (academic reading and writing, curriculum design, distance education). BA, 1993, MS, 1996, EdM, 1997, PhD, 2009, Oregon State. (2010)

Beth Sheppard, instructor (speaking and listening instruction). BA, 2002, California, Berkeley; MA, 2008, Oregon. (2008)

Thomas Tasker, instructor (academic reading and writing, curriculum development). MA, 1992, Illinois, Chicago. (2013)

Ilsa Trummer, instructor (reading, writing, grammar, and oral communication skills). BA, 2008, MA, 2011, Oregon. (2011)

Karen Ulloa, instructor (intensive English instruction for lower levels, curriculum and materials design). BA, 1988, Oregon; MA, 2010, Southern Oregon. (2011)

Jessica Waid, instructor (intensive English instruction, academic English for international students, assessments). BA, 2006, Oregon; MA, 2008, New Mexico State. (2011)

Jodi Weber, instructor (academic English for international students). BA, 1976, MA, 1991, Saint Michael's College. (2010)

Linda Wesley, instructor (intensive English instruction, distance education). BA, 1987, MA, 1997, Western Kentucky. (2013)

Kay Westerfield, senior instructor (English for specific purposes, international business communication, cross-cultural communication); codirector, International Business Communication Program; coordinator, business English programs. BA, 1974, Iowa State; EdM, 1981, Boston. (1983)

Misti Williamsen, instructor (academic reading and writing, curriculum development, listening and speaking instruction). BA, 2005, MA, 2010, Oregon. (2010)

Mary Wills-Gordon, adjunct instructor (reading, writing, listening, speaking; curriculum development). BA, 2000, MA, 2006, Boise State. (2013)

Daniel C. Wood, instructor (intensive English instruction, listening and speaking instruction, curriculum development). BA, 2003 California, Santa Barbara; MA, 2008, Oregon.)

Cevia Yellin, instructor.

Belinda Young-Davy, instructor. BS, 1986, Polytechnic Institute of New York; MA, 1992, PhD, 2000, Oregon. (1998)

The date in parentheses at the end of each entry is the first year on the University of Oregon faculty.

Courses

AEIS101. Introductory Academic Oral Communication. 4 Credits.
Focuses on strategies to improve aural-oral academic communication through discussions, seminars, dialogue, videos, and lectures. Sequence with AEIS 102.
Pre- or coreq: placement test.

AEIS102. Advanced Academic Oral Communication. 4 Credits.
Focuses on strategies to improve aural-oral academic communication through discussions, seminars, dialogue, and presentations. Sequence with AEIS 101.
Pre- or coreq: placement test or AEIS 101 with a grade of C– or better.

AEIS107. Reading Academic Discourse. 4 Credits.
Focuses on interactive reading of academic text, building reading strategies for better comprehension, speed, and confidence, and developing critical reading skills.
Prereq: placement test.

AEIS108. Advanced Reading Academic Discourse. 4 Credits.
Focuses on interactive reading of academic text, reading strategies for better comprehension, speed, and confidence, and further development of critical, interpretive and evaluative reading. Sequence with AEIS 107 (optional).
Prereq: placement test or AEIS 107 with a grade of C– or better.

AEIS110. Introductory Academic Writing. 4 Credits.
Introduces conventions of expository essay writing. Emphasizes clear, effective written communication and development of editing skills. Covers grammar in context. Sequence with AEIS 111, 112.
Prereq: placement test.

AEIS111. Intermediate Academic Writing. 4 Credits.
Intermediate writing for nonnative speakers of English. Critical analysis of academic texts leading to summary, paraphrase, essay-examination responses, and expository essays. Sequence with AEIS 110, 112.
Prereq: placement test or C– or better or P in AEIS 110.

AEIS112. Advanced Academic Writing. 4 Credits.
Advanced writing for nonnative speakers of English. Critical reading of academic texts for response in various academic modes: reporting research, critical analysis, and argumentation. Sequence with AEIS 110, 111.
Prereq: placement test or C– or better or P in AEIS 111.

AEIS199. Special Studies: [Topic]. 1-5 Credits.
Repeatable.

AEIS610. Experimental Course: [Topic]. 1-5 Credits.
Repeatable.

Anthropology

Frances J. White, Department Head
541-346-5278
541-346-0668 fax
308 Condon Hall

Anthropology, the study of humans, includes sociocultural anthropology, biological anthropology, and archaeology. Courses offered by the Department of Anthropology span the natural sciences, social sciences, and humanities and provide a broad understanding of human nature and society for students in other fields and for anthropology majors.

The broad perspective on human culture and biology that anthropology offers can enhance studies in many other fields, including history, psychology, international studies, environmental studies, ecology and evolution, geography, earth system science, literature, political science, folklore, language study, art history, and public policy and management.

Faculty

William S. Ayres, professor (Pacific islands and Southeast Asian archaeology, chiefdoms, archaeometry). BA, 1966, Wyoming; PhD, 1973, Tulane. (1976)

Diane B. Baxter, adjunct assistant professor (politics of identity and gender, ethnographic writing, Middle East). BA, 1976, California, Los Angeles; MA, 1982, California State, Northridge; PhD, 1991, California, Los Angeles. (1996)

Aletta Biersack, professor (New Guinea, historical anthropology, political ecology). BA, 1965, MA, 1969, 1972, PhD, 1980, Michigan. (1982)

Jon M. Erlandson, Philip H. Knight Professor (New World archaeology, coastal adaptations, Pacific Coast of North America). BA, 1980, MA, 1983, PhD, 1988, California, Santa Barbara. (1990)

Stephen R. Frost, associate professor (human and primate evolution and paleontology, morphometrics, Africa). BA, 1994, California State, Long Beach; PhD, 2001, City University of New York, City College. (2004)

Lamia Karim, associate professor (cultural anthropology). BA, 1984, Brandeis; MA, 1993, Michigan; PhD, 2001 Rice. (2003)

Gyoung-Ah Lee, associate professor (paleoethnobotany, archaeology, East Asia). BA, 1992, Seoul National; M.Sc., 1997, PhD, 2003, Toronto. (2007)

Sandra L. Morgen, professor (gender, race, and class; women and health). BA, 1972, Texas, Austin; MA, 1974, PhD, 1982, North Carolina, Chapel Hill. (1991)

Madonna L. Moss, professor (Northwest Coast, gender and archaeology, zooarchaeology). BA, 1976, William and Mary; MA, 1982, PhD, 1989, California, Santa Barbara. (1990)

Theresa D. O'Nell, associate professor (cultural anthropology, psychological and medical anthropology, native North America). BA, 1981, Notre Dame; AM, 1985, PhD, 1992, Harvard.(1998)

Philip W. Scher, professor (Caribbean, politics of culture, transnationalism). BA, 1987, Brown; MS, 1991, PhD, 1997, Pennsylvania. (2002)

Carol T. Silverman, professor (performance, Eastern Europe, gender). BA, 1972, City University of New York, City College; MA, 1974, PhD, 1979, Pennsylvania. (1980)

J. Josh Snodgrass, associate professor (human biology, human nutrition and energetics, skeletal biology). BA, 1995, California, Santa Cruz; MA, 1998, Florida; PhD, 2004, Northwestern. (2005)

Lynn Stephen, College of Arts and Sciences Distinguished Professor (ethnicity and political economies, gender, U.S. Latinos and Latin America). BA, 1979, Carleton; PhD, 1987, Brandeis. (1998)

Kirstin Sterner, assistant professor (molecular anthropology). BA, 2001, MA, 2005, PhD, 2009, New York. (2011)

Lawrence S. Sugiyama, associate professor (evolutionary psychology, behavioral ecology, biocultural anthropology). BA, 1985, MA, 1991, PhD, 1996, California, Santa Barbara. (1996)

Nelson Ting, associate professor (primate evolution, molecular anthropology). BA, 1999, Washington (St. Louis); MA, 2001, Missouri, Columbia; PhD, 2008, City University of New York. (2011)

Frances J. White, professor (evolution of primate behavior, Africa). BA, 1980, MA, 1984, Cambridge; PhD 1986, State University of New York, Stony Brook. (2001)

Stephen R. Wooten, associate professor (economy and culture, sociocultural change, Africa). See **International Studies**.

Emeriti

C. Melvin Aikens, professor emeritus. BA, 1960, Utah; MA, 1962, PhD, 1966, Chicago. (1968)

Don E. Dumond, professor emeritus. BA, 1949, New Mexico; MA, 1957, Mexico City College; PhD, 1962, Oregon. (1962)

John R. Lukacs, professor emeritus. AB, 1969, MA, 1970, Syracuse; PhD, 1977, Cornell. (1976)

Geraldine Moreno Black, professor emerita. BA, 1967, State University of New York, Buffalo; MA, 1970, Arizona; PhD, 1974, Florida. (1974)

Paul E. Simonds, professor emeritus. BA, 1954, MA, 1959, PhD, 1963, California, Berkeley. (1962)

Harry F. Wolcott, professor emeritus. BS, 1951, California, Berkeley; MA, 1959, San Francisco State; PhD, 1964, Stanford. (1964)

Philip D. Young, professor emeritus. BA, 1961, PhD, 1968, Illinois. (1966)

The date in parentheses at the end of each entry is the first year on the University of Oregon faculty.

Participating

Cynthia J. Budlong, Museum of Natural and Cultural History

Thomas J. Connolly, Museum of Natural and Cultural History

Pamela E. Endzweig, Museum of Natural and Cultural History

Dennis L. Jenkins, Museum of Natural and Cultural History

Brian Klopotek, ethnic studies

Patricia Krier, Museum of Natural and Cultural History

Brian L. O'Neill, Museum of Natural and Cultural History

- **Bachelor of Arts**
- **Bachelor of Science**
- **Minor**

Undergraduate Studies

Preparation

High school students planning a major in anthropology should have a sound background in English, biological science, and mathematics (preferably algebra). Study in a modern second language is desirable.

Students transferring with two years of college work should have introductory course work in the social sciences. Introductory biology and the equivalent of two years of college-level study in a second language are recommended.

Careers

A bachelor's degree in anthropology prepares the graduate for employment in areas where clear communication, analysis and synthesis, and respect for diversity are valued. Anthropology provides a suitable background for positions with federal, state, and local agencies and prepares the student for citizenship in a multicultural world.

Students seeking work as professional anthropologists should plan for advanced degrees in anthropology. Graduates with master's or PhD degrees may find work in government, community colleges, or museums. For university teaching and research careers, a PhD degree is necessary.

Bachelor's Degree Requirements

The department offers course work leading to bachelor of arts (BA) and bachelor of science (BS) degrees. Major requirements are the same for each. Differences between the two degrees are explained under Requirements for Bachelor of Arts and Bachelor of Science (p. 22) in the **Bachelor's Degree Requirements** section of this catalog.

Bachelor of Arts Requirements

ANTH145	Principles of Archaeology	4
orANTH150	World Archaeology	
ANTH161	Introduction to Cultural Anthropology	4
ANTH270	Introduction to Biological Anthropology	4
Upper-division course in the archaeology or prehistory of a geographic area		4
Upper- or lower-division course in cultural anthropology		4
Select one of the following courses in biological anthropology:		4
ANTH170	Introduction to Human Origins	
ANTH171	Introduction to Monkeys and Apes	
ANTH173	Evolution of Human Sexuality	
ANTH175	Evolutionary Medicine	
Three upper-division courses in one area of concentration [1]		12
Three elective upper-division anthropology courses		12
Total Credits		**48**

[1] Areas of concentration: cultural anthropology, biological anthropology, archaeology.

Bachelor of Science Requirements

ANTH145	Principles of Archaeology	4
orANTH150	World Archaeology	
ANTH161	Introduction to Cultural Anthropology	4
ANTH270	Introduction to Biological Anthropology	4
Upper-division course in the archaeology or prehistory of a geographic area		4
Upper- or lower-division course in cultural anthropology		4
Select one of the following courses in biological anthropology:		4
ANTH170	Introduction to Human Origins	
ANTH171	Introduction to Monkeys and Apes	
ANTH173	Evolution of Human Sexuality	
ANTH175	Evolutionary Medicine	
Three upper-division courses in one area of concentration [1]		12
Three elective upper-division anthropology courses		12
Total Credits		**48**

[1] Areas of concentration: cultural anthropology, biological anthropology, archaeology.

Courses used to fulfill major requirements must be taken for letter grades and passed with a C– or better. To ensure a liberal education, anthropology majors are strongly encouraged to limit their anthropology credits to 52. Majors contemplating graduate work are advised to

complete two years of a second language. Statistics is desirable for those with interests in biological anthropology and archaeology.

Majors must meet with an anthropology advisor at least once a year.

Cultural Resource Management

The following courses are recommended for students who want a focus in cultural resource management:

ANTH340	Fundamentals of Archaeology	4
ANTH344	Oregon Archaeology	4
ANTH408	Workshop: [Topic] (Archaeology Field School)	1-21
ANTH443	North American Archaeology	4

The following courses are recommended:

Anthropology

ANTH411	Politics, Ethnicity, Nationalism	4
ANTH419	Performance, Politics, and Folklore	4

Historic Preservation

AAAP 411/511	Introduction to Historic Preservation	3
AAAP 451/551	Historic Survey and Inventory Methodology	3

Honors

Application for graduation with honors must be made through the student's departmental advisor no later than winter term of the senior year.

Approval for graduation with honors is granted to a student who

1. Maintains a 4.00 or higher grade point average (GPA) in anthropology and at least a 3.50 overall GPA or
2. Maintains at least a 3.75 GPA in anthropology and at least a 3.50 overall GPA and submits an acceptable honors thesis written under the guidance of a departmental faculty member, who serves as thesis advisor

Minor Requirements

100- or 200-level anthropology course	4
300- or 400-level anthropology courses	8
400-level anthropology courses	8
Elective anthropology course at any level	4
Total Credits	**24**

The minor in anthropology complements a major in another discipline. Courses used to complete the minor must be chosen in consultation with an anthropology advisor. Of the 24 credits required in anthropology, 20 must be graded and passed with a C– or better.

Middle and Secondary School Teaching Careers

The College of Education offers a fifth-year program for middle-secondary teaching licensure in social studies. This program is described in the **College of Education** section of this catalog.

- **Master of Arts**
- **Master of Science**
- **Doctor of Philosophy**

Graduate Studies

Three advanced degrees are offered in anthropology: the master of arts (MA), the master of science (MS), and the doctor of philosophy(PhD). These degrees entail work in the following subfields: archaeology and cultural or physical anthropology.

Graduate students must demonstrate competence in three subfields, typically through work at the master's level.

Graduate students are members of the Association of Anthropological Graduate Students and are represented in the Student Senate.

Master of Arts Degree Requirements

Select three of the following: [1,2]		15
ANTH680	Basic Graduate Physical Anthropology	
ANTH681	Archaeology and Anthropology	
ANTH683	Anthropological Linguistics	
ANTH688	Social Theory I	
Graduate-level anthropology courses [2]		17
Graduate-level courses		13
Total Credits		**45**

1. Students spend the first year, and in some instances the first two years, establishing a broad foundation in anthropology with these courses in which they must earn grades of B– or better.
2. Courses must be in subfields of archaeology and cultural or physical anthropology. Some examinations may be required. A master's paper is required, but a thesis is not required.

The MA requires competence in a second language.

Master of Science Degree Requirements

Select three of the following: [1,2]		15
ANTH680	Basic Graduate Physical Anthropology	
ANTH681	Archaeology and Anthropology	
ANTH683	Anthropological Linguistics	
ANTH688	Social Theory I	
Graduate-level anthropology courses [2]		17
Graduate-level courses		13
Total Credits		**45**

1. Students spend the first year, and in some instances the first two years, establishing a broad foundation in anthropology with these courses in which they must earn grades of B– or better.
2. Courses must be in subfields of archaeology and cultural or physical anthropology. Some examinations may be required. A master's paper is required, but a thesis is not required.

There is no language requirement for the MS, but the candidate for that degree must demonstrate proficiency in a skill such as statistics, computer science, or paleogeography, approved by the department faculty.

There are no absolute requirements for admission to the master's degree program. A bachelor's degree in anthropology is helpful but not required.

Admission is limited, and preference is given to applicants with excellent academic records and Graduate Record Examinations (GRE) scores who have had at least a solid beginning in anthropology, who have had some second-language training, and who can demonstrate evidence of a sincere interest in the field. It typically takes two years to complete the program.

PhD Degree Requirements

Admission to the doctoral program is contingent on the possession of a valid master's degree in anthropology from a recognized institution or on the completion of three of the master's core courses. Those who enter with a master's degree in another discipline take master's core courses early in the program.

Formal requirements of time and credit are secondary, but no candidate is recommended for the degree until the minimum Graduate School requirements for credits, residence, and study have been satisfied.

The department requires competence in two modern second languages, one language and one skill, or two skills (including those earned for an MA or MS) approved by the department's faculty. The student's progress is measured by performance in the core courses, course work, and research papers; two comprehensive examinations covering two special fields of concentration in anthropology; a formal dissertation prospectus; and, finally, a doctoral dissertation. The dissertation should be based on original research, which ordinarily involves fieldwork or laboratory work, and should be written in a professional and publishable style appropriate to the subfield of specialization.

For information about general requirements, see the **Graduate School** section of this catalog. More information about programs in anthropology may be obtained from the department.

Museum of Natural and Cultural History

The Museum of Natural and Cultural History and its research division, the Oregon State Museum of Anthropology, provide opportunities for students to gain research experience through field projects and museum experience through the natural history museum's public programs. The rich resources of the state museum's collections are available to anthropology students, faculty members, and other qualified researchers. The Museum of Natural and Cultural History is described in the **Academic Resources** section of this catalog; the Oregon State Museum of Anthropology is described under **Research Centers and Institutes** (p. 712).

Courses

ANTH114. Anthropology of Pirates and Piracy. 4 Credits.
Examines the political and economic origins and legacies of piracy through 500 years of history in the Americas, Europe, and Africa.

ANTH145. Principles of Archaeology. 4 Credits.
Introduction to archaeology methods and interpretation.

ANTH150. World Archaeology. 4 Credits.
Introduction to prehistoric societies and cultural change through the examination of archaeological case studies from around the world. Taught once or more per academic year.

ANTH161. Introduction to Cultural Anthropology. 4 Credits.
A first look into the work of cultural anthropology and an introduction to the cultural diversity of the world.

ANTH162. Introduction to Medical Anthropology. 4 Credits.
An introduction to medical anthropology focusing on health, illness and healing from a cross-cultural perspective.

ANTH163. Origins of Storytelling. 4 Credits.
Application of evolutionary thinking to the origins and function of literature.

ANTH165. Sexuality and Culture. 4 Credits.
Examines sexuality through the historical, cultural, economic, and political factors that contribute to the construction of sexual identities, relationships, and institutions.

ANTH170. Introduction to Human Origins. 4 Credits.
Homo sapiens as a living organism; biological evolution and genetics; fossil hominids.

ANTH171. Introduction to Monkeys and Apes. 4 Credits.
Evolutionary biology of the primates: the fossil record and ecology in the age of mammals, primate anatomy, locomotor feeding adaptations, taxonomic relations, and primate ethology.

ANTH173. Evolution of Human Sexuality. 4 Credits.
Includes basic genetics, physiology, and behavior. Evolution of sex, of the sexes, and of the role of sex in mammal, primate, and human behavior.

ANTH175. Evolutionary Medicine. 4 Credits.
Focuses on the application of evolutionary thinking to the study of human health and disease.

ANTH176. Introduction to Forensic Anthropology. 4 Credits.
Introduction to human skeletal analysis and its application in a legal context, using biological and anthropological approaches to the recovery and identificationof human remains.

ANTH196. Field Studies: [Topic]. 1-2 Credits.
Repeatable.

ANTH198. Laboratory Projects: [Topic]. 1-2 Credits.
Repeatable.

ANTH199. Special Studies: [Topic]. 1-5 Credits.
Repeatable.

ANTH220. Introduction to Nutritional Anthropology. 4 Credits.
Human nutrition from a biocultural anthropological perspective, including the relationship of food consumption patterns to evolution, contemporary issues relating to malnutrition, and diseases of nutrition.

ANTH234. Pacific Island Societies. 4 Credits.
Discusses the exchange, gender, politics, development, and migration of select societies in New Guinea and Polynesia. Biersack.

ANTH250. Introduction to Middle East Studies. 4 Credits.
Explores national, familial, religious, and gendered identities in the Middle East as well as colonial histories, historical memory, politics, globalization, and world view.

ANTH260. Domestic Animals. 4 Credits.
Explores human relationships with domestic animals, examining the domestication process and the effects of animal domestication on human society. Offered alternate years.

ANTH270. Introduction to Biological Anthropology. 4 Credits.
Examines the biological aspects of the human species from comparative, ecological, and evolutionary perspectives. Explores theoretical and methodological issues in biological anthropology.

ANTH298. Temporary Group-Satisfying Course. 4 Credits.

ANTH310. Exploring Other Cultures: [Topic]. 4 Credits.
How anthropologists study and describe human cultures. Content varies; draws on fieldwork, famous ethnographies, specific ethnographic areas and their problems, and comparative study of selected cultures. Repeatable when topic changes.

ANTH311. Anthropology of Globalization. 4 Credits.
Introduces students to a wide range of issues related to economic, cultural, and ideological aspects of globalization. Offered alternate years.
Prereq: ANTH 161.

ANTH314. Gender in Cross-Cultural Perspective. 4 Credits.
Cross-cultural exploration of women's power in relation to political, economic, social, and cultural roles. Case studies from Africa, America, Asia, Europe, and the Middle East.

ANTH315. Gender, Folklore, Inequality. 4 Credits.
Cross-cultural exploration of the expressive and artistic realm of women's lives. Topics include life-cycle rituals, religion, healing, verbal arts, crafts, and music.

ANTH320. Native North Americans. 4 Credits.
Interpretive approach to accomplishments, diversity, and survival of precontact, postcontact, and present-day American Indian peoples. Impact of Euro-American stereotypes on politics and identity.
Prereq: ANTH 161.

ANTH322. Anthropology of the United States. 4 Credits.
Explores the culture and the political economy of the contemporary United States, with a particular focus on race, class, and gender relations. Offered alternate years.
Pre or coreq: ANTH 161.

ANTH326. Caribbean Societies. 4 Credits.
Explores the legacy of processes that formed Caribbean culture—migration, slavery, and trade—in religious, popular, and scholarly contexts.

ANTH327. Anthropological Perspectives on Africa. 4 Credits.
Thematic, comparative exploration of the contours of life in contemporary Africa. Promotes a critical historical perspective on the anthropology of the continent.

ANTH328. New Guinea. 4 Credits.
A look at the lifeways of New Guinea people; focuses on personhood, gender, exchange, Christianity, and development.

ANTH329. Immigration and Farmworkers Political Culture. 4 Credits.
Mexican farmworkers in the United States, their history and living and working conditions explored within the political culture of immigration. Introductory social science course recommended.

ANTH330. Hunters and Gatherers. 4 Credits.
Survey of contemporary hunter-gatherer societies. Foraging, decision-making, exchange, prestige, marriage, gender roles, parenting, history, and demography in an ecological and evolutionary perspective.

ANTH331. Cultures of India and South Asia. 4 Credits.
Survey of contemporary South Asia's religious and cultural diversity, issues of ethnic identity, gender construction, social conflict, and politics of poverty.

ANTH332. Human Attraction and Mating Strategies. 4 Credits.
Evolutionary theory, experimental and real-world data illuminate what we find attractive in others, variation in who we are attracted to, and why.

ANTH340. Fundamentals of Archaeology. 4 Credits.
Methods modern archaeology uses to reconstruct the past, including background research, field methods, laboratory analyses, and interpreting data.
Prereq: ANTH 145 or 150.

ANTH341. Food Origins. 4 Credits.
Biological, ecological, and social dimensions of plant-animal domestication and the environmental impact of agriculture in the Late Pleistocene-Holocene epochs.

ANTH342. Archaeology of Egypt and Near East. 4 Credits.
The archaeology of ancient Egypt and the Near East. Offered alternate years.

ANTH343. Pacific Islands Archaeology. 4 Credits.
Archaeology and prehistoric cultural development of Pacific island peoples from earliest settlement through early Western contact. Emphasizes Southeast Asian cultural foundations and ecological adaptations.
Prereq: ANTH 145 or 150.

ANTH344. Oregon Archaeology. 4 Credits.
Native American cultural history of Oregon based on archaeological evidence. Environmental and ecological factors that condition human adaptations and contemporary cultural resource protection.

ANTH345. Archaeology of East Asia. 4 Credits.
Explores the evolution of diverse cultures and ethnic identities in East Asia during prehistoric and early historical times.

ANTH347. Archaeology of Ancient Cities. 4 Credits.
The archaeology of ancient cities from around the world. Offered alternate years.

ANTH348. Mammoths to Megaliths: European Prehistory. 4 Credits.
This course introduces Europe before history, charting it from a primitive backwater to the point when all roads led to Rome. Offered alternate years.
Prereq: Anth 145 or 150.

ANTH349. Origins of Art. 4 Credits.
Examines prehistoric and recent hunter-gatherer art to understand the role that art behavior played in ancestral human life.

ANTH361. Human Evolution. 4 Credits.
Fossil evidence of human evolution; Homo sapiens' place among the primates; variability of populations of fossil hominids.
Prereq: ANTH 170 or 270.

ANTH362. Human Biological Variation. 4 Credits.
Genetic and biological structure of human populations; population dynamics and causes of diversity; analysis of genetically differentiated human populations and their geographic distribution.
Prereq: one from ANTH 270, BI 213, or BI 283H.

ANTH365. Food and Culture. 4 Credits.
Anthropological approach to the role of nutrients in human development (individual and group); cultural determinants and differences among populations; world food policy; applied nutritional anthropology.

ANTH366. Human Osteology Laboratory. 4 Credits.
Human and nonhuman primate osteology and osteometry; fundamentals of dissection and primate anatomy.
Prereq: one from ANTH 170, 270, BI 212, or HPHY 321.

ANTH368. Scientific Racism: An Anthropological History. 4 Credits.
Origin and evolution of the concept of race. Scientific perspectives on race from 1800 to the present from an anthropological viewpoint.
Prereq: ANTH 170 or 270

ANTH369. Human Growth and Development. 4 Credits.
Examines key issues in human and nonhuman primate growth and development; addresses genetic, social and ecological determinants of variation in growth.

ANTH373. Psychoactive Substances in Ancient Societies. 4 Credits.
Global review of psychoactive substances in past human societies, including the paraphernalia, iconography, and residues of drugs found in the archaeological record.
Prereq: ANTH 145 or ANTH 150.

ANTH375. Primates in Ecological Communities. 4 Credits.
How do primates interact with other species at evolutionary and ecological scales? What factors influence differences and similarities in primate communities?
Prereq: ANTH 170 or 270.

ANTH376. Genomics and Anthropology. 4 Credits.
Explores how genomic data are used to address anthropological questions concerning human and nonhuman primate biological variation, health, and evolution.
Prereq: one course from ANTH 175, 270, BI 211, 282H.

ANTH399. Special Studies: [Topic]. 1-5 Credits.
Repeatable.

ANTH401. Research: [Topic]. 1-21 Credits.
Repeatable.

ANTH403. Thesis. 1-12 Credits.
Repeatable.

ANTH405. Reading and Conference: [Topic]. 1-21 Credits.
Repeatable.

ANTH406. Special Problems: [Topic]. 1-21 Credits.
Repeatable.

ANTH407. Seminar: [Topic]. 1-5 Credits.
Repeatable.

ANTH408. Workshop: [Topic]. 1-21 Credits.
Repeatable.

ANTH409. Practicum: [Topic]. 1-21 Credits.
Repeatable.

ANTH410. Experimental Course: [Topic]. 1-5 Credits.
Repeatable.

ANTH411. Politics, Ethnicity, Nationalism. 4 Credits.
Explores relationship between ethnicity, politics, and nationalism from historical and anthropological perspectives; addresses the way nationalism and ethnic identity construct and reproduce each other.
Prereq: junior standing in a social science.

ANTH413. Culture and Psychology. 4 Credits.
Bridges anthropology and psychology to explore the relationship between the individual and culture; includes such topics as emotion, personality, mental illness, and sexuality.

ANTH414. Activist Anthropology. 4 Credits.
Explores how anthropologists link research with advocacy, public policy processes, activism, and public outreach. Offered alternate years.

ANTH415. Human Life History. 4 Credits.
Explores evolution of key life history traits in comparative primatological, paleo-anthropological, behavioral ecology, and evolutionary psychology perspectives.
Prereq: ANTH 161.

ANTH417. Field Methods in Cultural Anthropology. 4 Credits.
Techniques of participant observation, community definition and extension, nondirective interviewing, and establishing rapport. Provides theoretical perspectives and emphasizes investigator's ethical responsibilities.
Prereq: 8 credits of upper-division cultural anthropology.

ANTH419. Performance, Politics, and Folklore. 4 Credits.
Aesthetic, political, economic, and social dimensions of cultural performances examined in museums, heritage displays, folklore festivals, community celebrations, and tourist destinations.
Pre- or coreq: 8 credits in cultural anthropology.

ANTH420. Culture, Illness, and Healing. 4 Credits.
Cultural foundations of illness and healing. Attempts to analyze illness experiences, looks at therapies cross-culturally, and examines the nature of healing.
Prereq: ANTH 161.

ANTH426. Anthropology of Colonialism. 4 Credits.
Situates the study of anthropology within the complex historical process known as colonization and decolonization. Offered alternate years.
Prereq: ANTH 161 and one 200-level or 300-level anthropology course.

ANTH427M. Latino Roots I. 4 Credits.
Documents Latino history in the racial history of what is now Oregon since 1500 and teaches students to conduct oral history interviews. Multilisted with J 427M/527M. Sequence with ANTH 428M/528M Latino Roots II. Offered alternate years.

ANTH428M. Latino Roots II. 4 Credits.
Continuation of Latino Roots I, designed for producing a short documentary using oral history as the story. Covers basic theory and practice of digital film-video documentary production. Multilisted with J 428M/528M. Sequence with ANTH 427M/527M. Offered alternate years.
Prereq: ANTH 427M.

ANTH429. Jewish Folklore and Ethnology. 4 Credits.
Traditional expressive culture of East European Jews; includes narrative, proverbs, jokes, folk beliefs, rituals, holidays, food, customs, music, gender, and immigrant folklore in the United States.

ANTH430. Balkan Society and Folklore. 4 Credits.
Explores ethnic groups of the Balkans with attention to the roles of folklore, nationalism, rural-urban relationships, gender, music, and folk arts.

ANTH431. Plants and People. 4 Credits.
Survey of issues in and research methods for understanding the cultural roles and uses of plants in past and present human societies.

ANTH434. Native South Americans. 4 Credits.
Contact period and contemporary ethnography of native peoples; ecological adaptation, socioeconomic organization, and culture change.
Prereq: ANTH 161.

ANTH438. Race and Gender in Latin America. 4 Credits.
Examines intersecting systems of race, gender, ethnicity, and nationalism through 600 years of Latin American history, focusing on five countries in three regions. Offered alternate years.

ANTH439. Feminism and Ethnography. 4 Credits.
Uses current literature to explore the relationship between feminism, postmodernism, and ethnography. Investigates reflexivity, subjectivity, multiple voicings, and the politics of fieldwork and the text. Junior standing required.

ANTH440. Old World Prehistory: [Topic]. 4 Credits.
Archaeology of prehistoric cultures in selected regions of the Middle East, Southeast Asia, or Africa, from first human cultures to historic periods. Repeatable when topic changes for maximum of 12 credits.
Prereq: ANTH 145 or 150.

ANTH441. Recent Cultural Theory. 4 Credits.
Survey of various cultural frameworks: Durkheimian, Marxian, feminist, transnationalism, Orientalism.
Prereq: 8 credits in social science.

ANTH442. Northwest Coast Archaeology. 4 Credits.
Archaeological and prehistoric cultural development of peoples indigenous to the Northwest Coast of North America, from Alaska to northern California, from earliest settlement through Western contact.
Prereq: ANTH 145 or 150.

ANTH443. North American Archaeology. 4 Credits.
Survey of interdisciplinary research applied to prehistoric cultures and environments in North America.
Prereq: ANTH 145 or 150.

ANTH444. Seacoast and Prehistory. 4 Credits.
Global review of the significance of coastal settlement and adaptations by humans in the ancient past. Offered alternate years.
Prereq: ANTH 145 or 150.

ANTH445. Archaeology of Cultural Landscapes. 4 Credits.
Archaeological and landscape concepts represented in the past and the present. Site distributional, ecological, and socio-symbolic dimensions of landscapes are examined.
Prereq: ANTH 145 or 150.

ANTH446. Practical Archaeobotany. 4 Credits.
Investigates interactions between human-plant populations in the past; laboratory training of analyzing plant fossils in archaeologial contexts.

ANTH448. Gender and Archaeology. 4 Credits.
Discussion of gender as an emerging focus of archaeological theory, method, and interpretation. Examination of case studies from around the world during prehistory.
Prereq: ANTH 145 or 150.

ANTH449. Cultural Resource Management. 4 Credits.
Objectives, legal background, operational problems, ethical and scholarly considerations in the management of prehistoric and historic cultural resources.
Prereq: ANTH 145 or 150.

ANTH450. The Anthropology Museum. 4 Credits.
Social, historical, ethical, and practical dimensions of the curation and exhibition of anthropological collections in museum contexts. Offered alternate years.

ANTH451. Ethnoarchaeology. 4 Credits.
Examines relationships between archaeology and ethnography and how archaeologists study material culture in a living context. Examples are from various world areas.
Prereq: ANTH 145 or 150.

ANTH453. African Archaeology. 4 Credits.
The archaeology of humans in Africa with an emphasis on the past 15,000 years.

ANTH455. Historical Anthropology. 4 Credits.
Surveys various approaches (Marxist, symbolic, practice theoretical, archaeological) and topics (colonialism, representation, subaltern studies, the invention of tradition) in historical anthropology. Offered alternate years.
Prereq: junior standing.

ANTH456. Peopling of the Americas. 4 Credits.
Reviews anthropological methods of the Americas including biological, genetic, archaeological, and paleoenvironmental evidence. Offered alternate years.
Prereq: ANTH 145 or ANTH 150.

ANTH459. Advanced Evolutionary Medicine. 4 Credits.
Explores current research in the field of evolutionary medicine. Offered alternate years.
Prereq: one from ANTH 175, ANTH 270, ANTH 468, BI 131, BI 380; ANTH 175 strongly suggested.

ANTH460. Nutritional Anthropology. 4 Credits.
Human nutrition and adaptation. Evolution of human diet; diet-related disease patterns in different populations; biological, social, economic, political, and historical factors in human nutrition.
Prereq: ANTH 270.

ANTH462. Primate Evolution. 4 Credits.
The fossil record and theoretical implications of the Cenozoic primates with special reference to their various adaptations: locomotion, special senses, dentition.
Prereq: ANTH 270.

ANTH463. Primate Behavior. 4 Credits.
Ecology and ethology of free-ranging primates. Classification, distribution, and ecological relationships of living primates; social structure and social organizations.
Prereq: ANTH 171 or 270.

ANTH465. Gender Issues in Nutritional Anthropology. 4 Credits.
Gender differences in nutritional status, dietary requirements, and diet-related diseases. Topics addressed include food, politics, economics, and policies. ANTH 365 recommended preparation.

ANTH466. Primate Feeding and Nutrition. 4 Credits.
Evaluates primate feeding and foraging behavior, diet, and nutrition. Explores anatomical, physiological, and behavioral solutions to feeding challenges, both ecological and evolutionary.
Prereq: ANTH 171 or 270.

ANTH467. Paleoecology and Human Evolution. 4 Credits.
Relationship between ecology and comparative morphology as a basis for theories of hominid phylogeny; analysis of methods of paleoecological inference; current theories of hominid origins.
Prereq: ANTH 270.

ANTH468. Evolutionary Theory. 4 Credits.
Provides a theoretical framework in evolutionary biology with which to explore human evolutionary history and aspects of modern human biology. Offered alternate years.

ANTH470. Statistical Analysis of Biological Anthropology. 4 Credits.
The important methods in biometry (biological statistics) and their inherent assumptions, limitations, interpretations, and common uses (and misuses) as relevant to biological anthropology. Offered alternate years.
Prereq: MATH 243, 425, or equivalent.

ANTH471. Zooarchaeology. 4 Credits.
Analysis and interpretation of bone and shell animal remains from archaeological sites. Seminar, laboratory.
Prereq: ANTH 145 or 150.

ANTH472. Primate Conservation Biology. 4 Credits.
Evaluates the conservation status of the order Primates. Explores biological-ecological issues and social-cultural influences on primate biodiversity, distribution, and abundance.
Prereq: ANTH 171 or 270.

ANTH473. Advanced Forensic Anthropology. 4 Credits.
Teaches theory and analysis of human remains for medico-legal professionals, including estimating biological parameters from skeletons and outdoor crime scene processing and testimony. Offered alternate years.
Prereq: ANTH 176 with a grade of B– or better or ANTH 366 with a C– or better.

ANTH474. Human Paleopathology. 4 Credits.
Methods and techniques of paleopathology, the disease process, and how hard tissues are affected by them. Pivotal anthropological issues in which paleoanthropology plays a key role.
Prereq: ANTH 270.

ANTH481. Principles of Evolutionary Psychology. 4 Credits.
Investigates how understanding of our evolutionary history is used to further understanding of the human mind. Sugiyama.
Prereq: ANTH 170 or 270.

ANTH487. Bioanthropology Methods. 4 Credits.
Laboratory-based introduction to research methods in biological anthropology, with an emphasis on research among living human populations. Offered alternate years.
Prereq: ANTH 270.

ANTH488. Foundations of Social Theory. 4 Credits.
Important early social theorists (Marx, Engels, Freud, Durkheim, Weber) and the historical conditions in which the study of society emerged in Western thought.

ANTH493. Anthropology and Popular Culture. 4 Credits.
Popular culture offers insights into the conditions of the reproduction of social relations through the analysis of film, sport, television, advertising, folklore, fashion, and festivals.

ANTH503. Thesis. 1-16 Credits.
Repeatable.

ANTH507. Seminar: [Topic]. 1-5 Credits.
Repeatable.

ANTH508. Workshop: [Topic]. 1-21 Credits.
Repeatable.

ANTH510. Experimental Course: [Topic]. 1-5 Credits.
Repeatable.

ANTH511. Politics, Ethnicity, Nationalism. 4 Credits.
Explores relationship between ethnicity, politics, and nationalism from historical and anthropological perspectives; addresses the way nationalism and ethnic identity construct and reproduce each other.

ANTH513. Culture and Psychology. 4 Credits.
Bridges anthropology and psychology to explore the relationship between the individual and culture; includes such topics as emotion, personality, mental illness, and sexuality.

ANTH514. Activist Anthropology. 4 Credits.
Explores how anthropologists link research with advocacy, public policy processes, activism, and public outreach. Offered alternate years.

ANTH515. Human Life History. 4 Credits.
Explores evolution of key life history traits in comparative primatological, paleo-anthropological, behavioral ecology, and evolutionary psychology perspectives.

ANTH519. Performance, Politics, and Folklore. 4 Credits.
Aesthetic, political, economic, and social dimensions of cultural performances examined in museums, heritage displays, folklore festivals, community celebrations, and tourist destinations.

ANTH520. Culture, Illness, and Healing. 4 Credits.
Cultural foundations of illness and healing. Attempts to analyze illness experiences, looks at therapies cross-culturally, and examines the nature of healing.

ANTH526. Anthropology of Colonialism. 4 Credits.
Situates the study of anthropology within the complex historical process known as colonization and decolonization. Offered alternate years.

ANTH527M. Latino Roots I. 4 Credits.
Documents Latino history in the racial history of what is now Oregon since 1500 and teaches students to conduct oral history interviews. Multilisted with J 427M/527M. Sequence with ANTH 428M/528M Latino Roots II. Offered alternate years.

ANTH528M. Latino Roots II. 4 Credits.
Continuation of Latino Roots I, designed for producing a short documentary using oral history as the story. Covers basic theory and practice of digital film-video documentary production. Multilisted with J 428M/528M. Sequence with ANTH 427M/527M. Offered alternate years.
Prereq: ANTH 527M.

ANTH529. Jewish Folklore and Ethnology. 4 Credits.
Traditional expressive culture of East European Jews; includes narrative, proverbs, jokes, folk beliefs, rituals, holidays, food, customs, music, gender, and immigrant folklore in the United States.

ANTH530. Balkan Society and Folklore. 4 Credits.
Explores ethnic groups of the Balkans with attention to the roles of folklore, nationalism, rural-urban relationships, gender, music, and folk arts.

ANTH531. Plants and People. 4 Credits.
Survey of issues in and research methods for understanding the cultural roles and uses of plants in past and present human societies.

ANTH534. Native South Americans. 4 Credits.
Contact period and contemporary ethnography of native peoples; ecological adaptation, socioeconomic organization, and culture change.

ANTH538. Race and Gender in Latin America. 4 Credits.
Examines intersecting systems of race, gender, ethnicity, and nationalism through 600 years of Latin American history, focusing on five countries in three regions. Offered alternate years.

ANTH539. Feminism and Ethnography. 4 Credits.
Uses current literature to explore the relationship between feminism, postmodernism, and ethnography. Investigates reflexivity, subjectivity, multiple voicings, and the politics of fieldwork and the text.

ANTH540. Old World Prehistory: [Topic]. 4 Credits.
Archaeology of prehistoric cultures in selected regions of the Middle East, Southeast Asia, or Africa, from first human cultures to historic periods. Repeatable when topic changes for maximum of 12 credits.
Prereq: one course in archaeology or prehistory.

ANTH541. Recent Cultural Theory. 4 Credits.
Survey of various cultural frameworks: Durkheimian, Marxian, feminist, transnationalism, Orientalism.
Prereq: 8 credits in social science.

ANTH542. Northwest Coast Archaeology. 4 Credits.
Archaeological and prehistoric cultural development of peoples indigenous to the Northwest Coast of North America, from Alaska to northern California, from earliest settlement through Western contact.

ANTH543. North American Archaeology. 4 Credits.
Survey of interdisciplinary research applied to prehistoric cultures and environments in North America.

ANTH544. Seacoast and Prehistory. 4 Credits.
Global review of the significance of coastal settlement and adaptations by humans in the ancient past. Offered alternate years.

ANTH545. Archaeology of Cultural Landscapes. 4 Credits.
Archaeological and landscape concepts represented in the past and the present. Site distributional, ecological, and socio-symbolic dimensions of landscapes are examined.

ANTH546. Practical Archaeobotany. 4 Credits.
Investigates interactions between human-plant populations in the past; laboratory training of analyzing plant fossils in archaeologial contexts.

ANTH548. Gender and Archaeology. 4 Credits.
Discussion of gender as an emerging focus of archaeological theory, method, and interpretation. Examination of case studies from around the world during prehistory.

ANTH549. Cultural Resource Management. 4 Credits.
Objectives, legal background, operational problems, ethical and scholarly considerations in the management of prehistoric and historic cultural resources.

ANTH550. The Anthropology Museum. 4 Credits.
Social, historical, ethical, and practical dimensions of the curation and exhibition of anthropological collections in museum contexts. Offered alternate years.

ANTH551. Ethnoarchaeology. 4 Credits.
Examines relationships between archaeology and ethnography and how archaeologists study material culture in a living context. Examples are from various world areas.

ANTH553. African Archaeology. 4 Credits.
The archaeology of humans in Africa with an emphasis on the past 15,000 years.

ANTH555. Historical Anthropology. 4 Credits.
Surveys various approaches (Marxist, symbolic, practice theoretical, archaeological) and topics (colonialism, representation, subaltern studies, the invention of tradition) in historical anthropology. Offered alternate years.

ANTH559. Advanced Evolutionary Medicine. 4 Credits.
Explores current research in the field of evolutionary medicine. Offered alternate years.

ANTH560. Nutritional Anthropology. 4 Credits.
Human nutrition and adaptation. Evolution of human diet; diet-related disease patterns in different populations; biological, social, economic, political, and historical factors in human nutrition.

ANTH562. Primate Evolution. 4 Credits.
The fossil record and theoretical implications of the Cenozoic primates with special reference to their various adaptations: locomotion, special senses, dentition.

ANTH563. Primate Behavior. 4 Credits.
Ecology and ethology of free-ranging primates. Classification, distribution, and ecological relationships of living primates; social structure and social organizations.

ANTH565. Gender Issues in Nutritional Anthropology. 4 Credits.
Gender differences in nutritional status, dietary requirements, and diet-related diseases. Topics addressed include food, politics, economics, and policies.

ANTH566. Primate Feeding and Nutrition. 4 Credits.
Evaluates primate feeding and foraging behavior, diet, and nutrition. Explores anatomical, physiological, and behavioral solutions to feeding challenges, both ecological and evolutionary.

ANTH567. Paleoecology and Human Evolution. 4 Credits.
Relationship between ecology and comparative morphology as a basis for theories of hominid phylogeny; analysis of methods of paleoecological inference; current theories of hominid origins.

ANTH568. Evolutionary Theory. 4 Credits.
Provides a theoretical framework in evolutionary biology with which to explore human evolutionary history and aspects of modern human biology. Offered alternate years.

ANTH570. Statistical Analysis of Biological Anthropology. 4 Credits.
The important methods in biometry (biological statistics) and their inherent assumptions, limitations, interpretations, and common uses (and misuses) as relevant to biological anthropology. Offered alternate years.
Prereq: MATH 243, 425, or equivalent.

ANTH571. Zooarchaeology. 4 Credits.
Analysis and interpretation of bone and shell animal remains from archaeological sites. Seminar, laboratory.

ANTH572. Primate Conservation Biology. 4 Credits.
Evaluates the conservation status of the order Primates. Explores biological-ecological issues and social-cultural influences on primate biodiversity, distribution, and abundance.

ANTH573. Advanced Forensic Anthropology. 4 Credits.
Teaches theory and analysis of human remains for medico-legal professionals, including estimating biological parameters from skeletons and outdoor crime scene processing and testimony. Offered alternate years.

ANTH574. Human Paleopathology. 4 Credits.
Methods and techniques of paleopathology, the disease process, and how hard tissues are affected by them. Pivotal anthropological issues in which paleoanthropology plays a key role.

ANTH581. Principles of Evolutionary Psychology. 4 Credits.
Investigates how understanding of our evolutionary history is used to further understanding of the human mind.

ANTH587. Bioanthropology Methods. 4 Credits.
Laboratory-based introduction to research methods in biological anthropology, with an emphasis on research among living human populations. Offered alternate years.

ANTH588. Foundations of Social Theory. 4 Credits.
Important early social theorists (Marx, Engels, Freud, Durkheim, Weber) and the historical conditions in which the study of society emerged in Western thought.

ANTH593. Anthropology and Popular Culture. 4 Credits.
Popular culture offers insights into the conditions of the reproduction of social relations through the analysis of film, sport, television, advertising, folklore, fashion, and festivals.

ANTH601. Research: [Topic]. 1-16 Credits.
Repeatable.

ANTH602. Supervised College Teaching. 1-5 Credits.
Repeatable.

ANTH603. Dissertation. 1-16 Credits.
Repeatable.

ANTH605. Reading and Conference: [Topic]. 1-16 Credits.
Repeatable.

ANTH606. Special Problems: [Topic]. 1-16 Credits.
Repeatable.

ANTH607. Seminar: [Topic]. 1-5 Credits.
Repeatable.

ANTH608. Workshop: [Topic]. 1-16 Credits.
Repeatable.

ANTH609. Practicum: [Topic]. 1-16 Credits.
Repeatable.

ANTH610. Experimental Course: [Topic]. 1-5 Credits.
Repeatable.

ANTH611. Ethnographic Research: Epistemology, Methods, Ethics. 4 Credits.
Various techniques in ethnographic research. Examines the relationships between methods, theory, and ethics.

ANTH615. Proseminar in Anthropology. 2 Credits.
Presents the department's structure, program, and faculty; introduces research, writing, and funding resources.

ANTH680. Basic Graduate Physical Anthropology. 5 Credits.
Introduction to major subfields of physical anthropology; geochronology, primate classification, paleoprimatology, paleoanthropology, human biology and diversity, processes of evolution, and primate ethology.

ANTH681. Archaeology and Anthropology. 5 Credits.
Use by archaeologists of concepts drawn from anthropology; modifications and additions made necessary by the nature of archaeological data.

ANTH683. Anthropological Linguistics. 5 Credits.
Topics include linguistic relativity; language, cognition, and social practice; distinctiveness of human language; role of reference in linguistic structures; creation of social and cultural forms.

ANTH685. Professional Writing. 2-4 Credits.
Covers the basics of professional writing for grant proposals, journal articles, and papers presented at professional meetings. Requires short proposal, longer proposal or article, and workshop participation.

ANTH688. Social Theory I. 5 Credits.
Social theory survey organized around keywords: colonialism-postcolonialism, meaning, materiality-materialism, local-national-global, structure-agency-history, power, and difference.

ANTH689. Social Theory II. 5 Credits.
Social theory survey organized around keywords: colonialism-postcolonialism, meaning, materiality-materialism, local-national-global, structure-agency-history, power, and difference.

Asian Studies

Tuong Vu, Program Director
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Eugene, Oregon 97403-5206
ast@uoregon.edu

Program Committee Faculty

Ina Asim, history (China)

William S. Ayres, anthropology (Southeast Asia and Pacific islands)

Aletta Biersack, anthropology (Southeast Asia and Pacific islands)

Alexandra Bonds, theater arts

Lucien Brown, East Asian languages and literatures (Korea)

Steven T. Brown, East Asian languages and literatures (Japan)

Daniel P. Buck, geography (China)

Kathie Carpenter, international studies (Southeast Asia)

Roy Chan, East Asian languages and literatures

Scott DeLancey, linguistics (Southeast Asia)

Stephen W. Durrant, East Asian languages and literatures (China)

Maram Epstein, East Asian languages and literatures (China)

Alisa D. Freedman, East Asian languages and literatures

Andrew E. Goble, history (Japan)

Bryna Goodman, history (China)

Sangita Gopal, English (South Asia)

Alison Groppe, East Asian languages and literatures (Chinese culture)

Jeffrey E. Hanes, history (Japan)

Kaori Idemaru, East Asian languages and literatures (Japan)

Lamia Karim, anthropology

Dong Hoon Kim,East Asian languages and literatures (Korea)

Karrie Koesel, political scinece (China)

Stephen W. Kohl, East Asian languages and literatures (Japan)

Charles H. Lachman, history of art and architecture (China)

Gyoung-Ah Lee, anthropology (China)

David Leiwei Li, English (Chinese film)

Kenneth B. Liberman, sociology

Susanna Soojung Lim, honors college

Jenny Lin, history of art and architecture

Nadia Loan, women's and gender studies

John R. Lukacs, anthropology (South Asia)

Glenn A. May, history

Daisuke Miyao, East Asian languages and literatures

Eileen M. Otis, sociology (China)

Eric W. Pederson, linguistics

Roxann Prazniak, honors college (China)

Eric Priest, law (China)

Biswarup "Bish" Sen, journalism and communications

Xiaobo Su, geography (China)

Ying Tan, art (China)

Mark T. Unno, religious studies (East Asian religions)

Arafaat Valiani, history

Tuong Vu, political science (Southeast Asia)

Akiko Walley, history of art and architecture

Yugen Wang, East Asian languages and literatures (China)

Jason Webb, East Asian languages and literatures (Japan)

Anita M. Weiss, international studies (South Asia)

Yizhao Yang, planning, public policy and management

Kyu Ho Youm, journalism and communication

- **Bachelor of Arts**
- **Minor in East Asian Studies**
- **Minor in South Asian Studies**
- **Minor in Southeast Asian Studies**

Undergraduate Studies

The Asian Studies Program's interdisciplinary program leads to a bachelor of arts (BA) degree in Asian studies.

Students who complete three years or equivalent of Southeast or South Asian language study abroad or at another institution may, with support of an Asian studies faculty advisor, construct a major emphasis in Southeast Asian studies.

Students may enhance majors in other departments with a minor in East Asian studies, South Asian studies, or Southeast Asian studies.

Students who major in Asian studies often complement their course work with a year or more of residence in Asia or a double major to combine a profession with their area of expertise. Job possibilities are increasing in such fields as business, journalism, government, and education. Many students go on to graduate studies.

The curriculum includes courses in anthropology, art history, Chinese language and literature, dance, ethnic studies, film, geography, history, international studies, Japanese language and literature, linguistics, political science, and religious studies. The program is administered by the Asian studies committee, which is composed of faculty members with Asian specializations.

Declaring a Major

To be accepted into the Asian studies major, a student must request acceptance as a major in the Asian studies office before attaining senior status. Depending on interests and career objectives, students are encouraged to discuss with their advisors or the program director the advisability of pursuing a second major in a supporting discipline or preprofessional program.

Major Requirements

The major in Asian studies offers

- strong training in at least one Asian language
- knowledge of the histories and cultures of the societies in which that language is used
- a sense of how academic disciplines contribute to interdisciplinary study
- a knowledge of transnational Asia beyond the primary language and civilization focus listed above

Bachelor of Arts Degree Requirements

Students must complete 48 credits as specified below. As many as 8 of these credits may be taken pass/no pass; 44 of the 52 credits must be chosen at the 300 level or above. All other courses used to satisfy major requirements must be taken for letter grades and passed with grades of C– or better. To ensure interdisciplinary breadth, students must complete at least two Asia-focused courses in history, other social sciences, and the humanities. Students should consult their advisors in planning programs of study.

Seminar		
ASIA350	What Is Asia: Theoretical Debates	4
History		
Upper-division history course in the chosen subregion, if available [1]		8
Regional Focus		
Six courses in the chosen subregion, if available; may include up to 15 credits of upper-division Asian language courses related to the chosen subregion		24
Discipline or Thematic Focus		
Three courses in one discipline or theme [2]		12
Regional Breadth		
Course in Asian studies outside chosen subregion; may include lower-division language courses of a second Asian language		4
Language Requirement		
Two years of Asian language related to the chosen subregion [3]		

1 Subregions: China, Japan, Korea, Southeast Asia, South Asia

2 Disciplines or themes: film, food, literature, political science

3 Chinese and Japanese are taught through the fifth year in the Department of East Asian Languages and Literatures. Languages must be taken for letter grades and passed with grades of C– or better. Under special circumstances, students may demonstrate an equivalent competence by examination or by work in advanced language courses.

Minor Requirements

Students should consult with the program director to determine whether a course has a full or partial focus on East Asia, South Asia, or Southeast Asia. A list of preapproved courses for either minor is available in the Asian studies office. Students should acquaint themselves with the selection of experimental courses offered each term and may pursue directed readings with East Asian, South Asian, or Southeast Asian specialists. First- and second-year language courses cannot be used to satisfy requirements for the minor.

Minor in East Asian Studies

Courses from at least two departments focused on East Asia		20
ASIA350	What Is Asia: Theoretical Debates	4
Two years of study in relevant Asian language or equivalent level of proficiency		
Total Credits		**24**

At least 12 of the 24 credits must be upper division.

Minor in South Asian Studies

Courses in South Asia history	4
Course in South Asian history, religion, or philosophy	4
Course in contemporary South Asian issues	4
Course on South Asian media or culture	4
Courses with full or partial South Asia focus	8
Total Credits	**24**

At least 12 of the 24 credits must be upper division. Students must consult with one of the South Asia faculty members when determining courses to take.

In addition, students must either demonstrate first-year proficiency in any South Asian vernacular language or complete a ten-week term of study or internship in South Asia, under the supervision of a member of the UO South Asia faculty.

Minor in Southeast Asian Studies

Courses focused on Southeast Asia [1]	20
Course with partial focus on Southeast Asia	4

[1] At least 12 credits must be upper division.

- **Master of Arts: Area Studies Track**
- **Master of Arts: Disciplinary Track**
- **Second Master's Degree**

Graduate Studies

The university offers an interdisciplinary program in Asian studies with an emphasis on East Asia leading to the master of arts (MA) degree. Students who complete three years or equivalent of Southeast or South Asian language study—abroad or at another institution—may, with the support of an Asian studies faculty advisor, construct an emphasis in Southeast Asian studies, South Asian studies, or both. The MS degree program is inactive.

The curriculum includes courses in anthropology, art history, Chinese language and literature, geography, history, international studies, Japanese language and literature, linguistics, political science, and religious studies. The program is administered by the Asian studies committee, which is composed of faculty members with Asian specializations.

Prior to registration, the Asian studies committee assigns each student an advisor, who helps the student develop an individualized program. At the end of the first year, the student should request that an Asian studies graduate committee be formed to provide guidance through the second year of study and thesis preparation. Graduate students should meet with their advisors at least once a term.

Application for Admission

An applicant for admission to the master's program must hold a bachelor's degree from an accredited four-year university. It is expected that applicants have a minimum of three years of language study and some undergraduate preparation in courses relating to Asia. Students lacking adequate Asian language or disciplinary training must take appropriate preparatory courses, for which no graduate credit is earned.

Required materials for admission and financial aid are as follows:

1. University of Oregon application form and application fee
2. Transcripts of all college or university course work, including the final transcripts for any degree received
3. Three letters of recommendation
4. Statement of objectives
5. Writing sample
6. Test score for Graduate Record Examinations (GRE) or either Test of English as a Foreign Language (TOEFL) or International English Language Testing System (IELTS) scores. International applicants must submit a TOEFL score of at least 575 (paper-based test) or 88 (Internet-based test) or an IELTS score of at least 7, unless they have received a bachelor's degree from a college or university in an English-speaking country, such as Australia, Canada (excluding Quebec), Ireland, New Zealand, or the United Kingdom.
7. Supplementary Application and Financial Statement for International Students must be submitted to the UO Office of Admissions by international students
8. Application for Graduate Award, if applying for a graduate teaching fellowship (GTF)

The application deadline is December 15 for admission the following fall term. Application information and materials are available online and from the Asian studies office.

Master's Degree Requirements

Students pursuing an MA in Asian studies must complete 48 credits of graduate study, including at least 44 in Asia-related courses. Graduate credit for language study may only be earned for work beyond the third-year level.

600-Level Courses. The Graduate School requires that at least 9 credits in courses numbered 600–699 must be taken in residence.

Graded Courses. 24 of the total credits required must be earned at the University of Oregon for a letter grade. A minimum of 36 credits of course work and a minimum of 9 credits of Thesis (ASIA503) is required. Credit for the thesis is given pass/no pass. In the final term, master's students must register for at least 3 credits, at least 1 of which must be in Thesis (ASIA503).

Continuous Enrollment and On-Leave Status. Master's students are expected to maintain continuous enrollment for a minimum of 3 credits each term until all degree requirements have been completed, unless on-leave status has been approved.

Minimum GPA. Graduate students must maintain at least a 3.00 grade point average (GPA) in all graduate courses taken with a graded option.

Time Limit. All requirements for the master's degree must be completed within a seven-year time period.

Master of Arts: Area Studies Track

ASIA611	Perspectives on Asian Studies: [Topic] [1]	1
ASIA612	Theory and Methodology in Asian Studies: [Topic] [1]	3
Seminars or colloquia		8
Two courses in architecture, art history, literature, music, religious studies		8
Two courses in anthropology, economics, geography, international studies, political science		8
Two history courses		8
Two courses about a culture or civilization other than primary language and civilization focus		8
ASIA503	Thesis	9
Total Credits		**53**

1 Take during first year.

In some circumstances and in consultation with advisors, students may petition the advisory committee to waive the thesis requirement for the degree. If the waiver is granted, the student is expected to complete 56 graduate credits (of which at least 44 are Asia-related), submit two substantial research papers on Asian topics developed in seminars or colloquia, and pass an examination addressing general Asian studies topics. The thesis and research papers are to include a minimum of two non-English sources appropriate to the region to demonstrate language proficiency.

Master of Arts: Disciplinary Track

Courses within the primary region of focus, drawn from two or more departments		16
Courses in primary discipline with at least one theory or methods course chosen in consultation with an advisor or the program director		12
Courses in region other than primary focus [1]		8
ASIA503	Thesis	9
Total Credits		**45**

1 Perspectives on Asian Studies: [Topic] (ASIA611) and Theory and Methodology in Asian Studies: [Topic] (ASIA612)may be counted toward this cross-regional focus.

Academic courses are to be mutually agreed upon by an academic advisor and the program director. A list of Asia-related courses approved for inclusion in the Asian studies graduate curriculum is available from the program coordinator.

Students should also review the Graduate School's regulations for information on the university's general master of arts degree requirements.

Second Master's Degree

Students enrolled in graduate programs offered by other departments may earn a second master's degree in Asian studies. Besides satisfying the degree requirements set by the other departments, such students must complete the following:

Approved Asia-related graduate courses		32
ASIA611	Perspectives on Asian Studies: [Topic]	1
ASIA612	Theory and Methodology in Asian Studies: [Topic]	3
Demonstrate the language competence required for the MA degree in Asian studies		
Thesis [1]		
Total Credits		**36**

1 Applies the methodology of the student's discipline to an Asian subject.

The requirements for both the Asian studies and the departmental degree programs must be completed at the same time. A student completing this option is granted two master's degrees, one in Asian studies and another in the departmental discipline.

Courses

ASIA199. Special Studies: [Topic]. 1-5 Credits.
Repeatable when topic changes.
Prereq: freshman or new student.

ASIA350. What Is Asia: Theoretical Debates. 4 Credits.
An interdisciplinary seminar designed to introduce students to current theoretical debates about Asia, modernization, and area studies.

ASIA399. Special Studies: [Topic]. 1-5 Credits.
Repeatable.

ASIA401. Research: [Topic]. 1-16 Credits.
Repeatable.

ASIA403. Thesis. 1-12 Credits.
Repeatable.
Prereq: major honor's student.

ASIA405. Reading and Conference: [Topic]. 1-16 Credits.
Repeatable.

ASIA407. Seminar: [Topic]. 1-5 Credits.
Repeatable.

ASIA409. Practicum: [Topic]. 1-16 Credits.
Closely supervised participation in the activities of public or private organizations, institutes, and community service agencies.

ASIA410. Experimental Course: [Topic]. 1-5 Credits.
Repeatable.

ASIA425. Asian Foodways. 4 Credits.
Explores socio-cultural, political-economic and historical dimensions of food in China, Japan, Korea, Southeast Asia and India, including modernization, transnationalism, globalization. Offered alternate years.

ASIA480. Chinese Economy: Transition, Development, Globalization. 4 Credits.
Comprehensive introduction to the Chinese economy: market transition; macroeconomic conditions and policies; key sectors such as industry, banking, finance, energy, export, technology, agriculture; globalization. Offered alternate years.

ASIA503. Thesis. 1-9 Credits.
Repeatable.

ASIA507. Seminar: [Topic]. 1-5 Credits.
Repeatable.

ASIA510. Experimental Course: [Topic]. 1-5 Credits.
Repeatable.

ASIA525. Asian Foodways. 4 Credits.
Explores socio-cultural, political-economic and historical dimensions of food in China, Japan, Korea, Southeast Asia and India, including modernization, transnationalism, globalization. Offered alternate years.

ASIA580. Chinese Economy: Transition, Development, Globalization. 4 Credits.
Comprehensive introduction to the Chinese economy: market transition; macroeconomic conditions and policies; key sectors such as industry, banking, finance, energy, export, technology, agriculture; globalization. Offered alternate years.

ASIA601. Research: [Topic]. 1-16 Credits.
Repeatable.

ASIA605. Reading and Conference: [Topic]. 1-16 Credits.
Repeatable.

ASIA607. Seminar: [Topic]. 1-5 Credits.
Repeatable.

ASIA609. Practicum: [Topic]. 1-16 Credits.
Closely supervised participation in the activities of public or private organizations, institutes, and community service agencies.

ASIA611. Perspectives on Asian Studies: [Topic]. 1 Credit.
Explores the diverse perspectives that define Asian studies. Samples conflicts, controversies, and areas of consensus that characterize the field.

ASIA612. Theory and Methodology in Asian Studies: [Topic]. 3 Credits.
Selected Asian studies issues. Repeatable once when topic changes for maximum of 6 credits.

Biology

Bruce A. Bowerman, Department Head
541-346-4502
77 Klamath Hall
1210 University of Oregon
Eugene, Oregon 97403-1210

Biologists investigate a broad spectrum of questions about living organisms and life processes—the physical and chemical bases of life, how organisms and their component parts are structured, how they function, how they interact with their environment, and how they have evolved.

Departmental teaching and research emphases in cellular and molecular biology, developmental biology, ecology and evolution, human biology, marine biology, and neuroscience and behavior offer students opportunities to learn and work with scientists who are making important contributions to knowledge in these areas.

Faculty

Yashar Ahmadian, assistant professor (theoretical neuroscience). BSc, 2001, Sharif University of Technology; MA, 2003, Columbia, PhD, 2007, Columbia. (2014)

Alice Barkan, professor (molecular genetics). BS, 1978, Massachusetts Institute of Technology; PhD, 1983, Wisconsin, Madison. (1991)

Brendan J. M. Bohannan, professor (microbial ecology and evolution). BS, 1991, Humboldt State; PhD, 1997, Michigan State. (2006)

Bruce A. Bowerman, professor (developmental genetics, regulation of the cytoskeleton in C. elegans). BA, 1981, Kansas State; PhD, 1989, California, San Francisco. (1992)

William E. Bradshaw, professor (evolutionary genetics, population biology, evolutionary physiology). BA, 1964, Princeton; MS, 1965, PhD, 1969, Michigan. (1971)

Scott D. Bridgham, professor (ecosystem ecology, plant community dynamics). BA, 1980, BA, 1982, Maine; MS, 1986, Minnesota; PhD, 1991, Duke. (2002)

Mark C. Carrier, senior instructor (developmental biology and physiology). BS, BA, 1987, Massachusetts; MS, 1998, California, Berkeley. (2000)

John S. Conery, professor (computational biology, parallel processing). BA, 1976, California, San Diego; PhD, 1983, California, Irvine. (1983)

William A. Cresko, associate professor (evolutionary developmental genetics). BA, 1992, Pennsylvania; PhD, 2000, Clark. (2005)

Alan Dickman, senior instructor with title of research associate professor (forest ecology, science education). BA, 1976, California, Santa Cruz; PhD, 1984, Oregon. (1986)

Chris Q. Doe, professor (development of the nervous system, neural stem cells, asymmetric cell division). BA, 1981, New College, Sarasota; PhD, 1987, Stanford. (1998)

Judith S. Eisen, professor (development and function of the nervous system). BS, 1973, MS, 1977, Utah State; PhD, 1982, Brandeis. (1985)

Richard B. Emlet, professor (evolution and development of marine invertebrates). BS, 1977, Duke; PhD, 1985, Washington (Seattle). (1992)

Jessica L. Green, Alec and Kay Keith Professor in Biology; associate professor (applied theoretical ecology). BS, 1992, University of California, Los Angeles; MS, 1994, PhD, 2001, University of California, Berkeley. (2007)

Karen J. Guillemin, professor (bacterial pathogenesis, bacterial-host interactions in development). BA, 1991, Harvard-Radcliffe; PhD, 1998, Stanford. (2001)

Victoria Herman, associate professor (development and function of nervous system in Drosophila). BA, 1989, Harvard-Radcliffe; PhD, 1998, Massachusetts Institute of Technology. (2003)

Janet Hodder, senior lecturer (ecology of marine birds and mammals, science education). BS, 1977, Liverpool; PhD, 1986, Oregon. (1986)

Cristin L. Hulslander, senior instructor (behavioral ecology). BA, 1992, Bryn Mawr; PhD, 2003, Clark. (2003)

Santiago Jaramillo, assistant professor (neuronal circuits underlying behavioral flexibility). BS, 1998, Universidad Pontificia Boliviariana; MS, 2002, New Mexico; PhD, 2007, National University of Ireland. (2013)

Eric A. Johnson, associate professor (Drosophila genetics, genomics and cellular physiology). BA, 1990, Grinnell; PhD, 1996, Iowa. (2001)

Alan J. Kelly, senior instructor (molecular and transmission genetics, microbiology). BS, 1981, California, Irvine; PhD, 1994, Oregon. (1994)

Diana E. Libuda, assistant professor (molecular genetics, DNA repair, chromosome dynamics during meiosis). BSc, 2003, California, Los Angeles; PhD, 2008, Harvard. (2014)

Shawn R. Lockery, professor (invertebrate neurobiology and neural networks). BA, 1981, Yale; PhD, 1989, California, San Diego. (1993)

V. Patteson Lombardi, senior instructor with title of research assistant professor (human biology, medical physiology); director, undergraduate advising. BA, 1977, MAT, 1979, North Carolina, Chapel Hill; PhD, 1984, Oregon. (1984)

Svetlana Maslakova, associate professor (evolution, development and systematics of marine invertabrates). BA, 1998, MS, 1999, Moscow State; PhD, 2005, George Washington. (2008)

Cristopher M. Neill, assistant professor (development and function of neural circuits for visual processing). BS, 1995, PhD, 2004, Stanford. (2011)

Peter M. O'Day, senior lecturer with title of outreach research training director–associate professor (cellular signaling). BA, 1970, Canisius; MS, 1972, Maine, Orono; PhD, 1977, State University of New York, Albany. (1985)

Patrick C. Phillips, professor (evolution, genetics, complex traits). BA, 1986, Reed; PhD, 1991, Chicago. (2000)

John H. Postlethwait, professor (molecular genetic regulation and evolution of development and vertebrate genome evolution). BS, 1966, Purdue; PhD, 1970, Case Western Reserve. (1971)

Anne Powell, assistant professor (intestinal stem cell biology, adult homeostasis disease states). BA, 2003, Concordia ; PhD, 2010, Oregon Health and Science. (2014)

Jana Prikryl, instructor (molecular genetics). BS, 1999, Colorado, Boulder; PhD, 2009, Oregon. (2010).

William Roberts, professor (calcium signaling). BA, 1970, Harvard; PhD, 1979, California, San Diego. (1989)

Bitty A. Roy, professor (evolution, pathogen-host interactions, plant population ecology). BS, 1982, Evergreen State; MS, 1985, Southern Illinois; PhD 1992, Claremont Graduate School. (2001)

Debbie Schlenoff, senior instructor (animal behavior and evolution, conservation biology). BS, 1979, State University of New York, Binghampton; PhD, 1983, Massachusetts, Amherst. (2001)

Eric Selker, professor (epigenetic mechanisms). BA, 1975, Reed; PhD, 1980, Stanford. (1985)

Alan Shanks, professor (marine and intertidal ecology, larval biology, zooplankton). BA, 1977, California, Santa Cruz; PhD, 1985, California, San Diego. (1993)

George F. Sprague Jr., professor (genetic regulatory mechanisms in yeast). BS, 1969, North Carolina State; PhD, 1977, Yale. (1981)

Karen U. Sprague, professor (control of gene expression in eukaryotes). BA, 1964, Bryn Mawr; PhD, 1970, Yale. (1977)

Kryn Stankunas, assistant professor (chromatin and regulators as dynamic sources of epigenetic information during heart development). BS, 1997, British Columbia; PhD, 2003, Stanford. (2009)

Carl A. Stiefbold, senior instructor (science laboratory education). BS, 1971, Portland State. (1987)

Matthew A. Streisfeld, assistant professor (adaptation in natural plant populations) BS, 1998, Emory; PhD, 2005, California, San Diego. (2009).

Terry Takahashi, professor (analysis of neural circuitry). BS, 1975, California, Irvine; PhD, 1981, State University of New York, Downstate Medical Center. (1988)

Nathan J. Tublitz, professor (peptidergic regulation of behavior in insects and cephalopod mollusks). BA, 1975, Reed; PhD, 1984, Washington (Seattle). (1986)

Eleanor Vandegrift, senior instructor (science education); associate director, science literacy program. BA, 1997, Earlham College; MS, 2002, Oregon State. (2012).

George R. von Dassow, assistant professor (cell biology of development). PhD, 2000, Washington (Seattle). (2014)

Philip E. Washbourne, associate professor (molecular neurobiology, synapse formation). BSc, 1995, Imperial College; PhD, 2000, Padua. (2004)

Janis C. Weeks, professor (neurophysiology, endocrinology, and development). BS, 1975, Massachusetts Institute of Technology; PhD, 1980, California, San Diego. (1989)

Monte Westerfield, professor (molecular genetics of nervous system development). AB, 1973, Princeton; PhD, 1977, Duke. (1981)

Peter B. Wetherwax, senior instructor with title of research assistant professor (pollination ecology, tropical ecology, science education). BA, 1980, California, Los Angeles; MA, 1985, Humboldt State; PhD, 1993, Oregon State. (1991)

A. Michelle Wood, professor (microbial ecology and evolution, biological oceanography). BA, 1973, Corpus Christi; PhD, 1980, Georgia. (1990)

Craig M. Young, professor (marine ecology, deep-sea biology, invertebrate embryology); director, Oregon Institute of Marine Biology. BS, 1975, MS, 1978, Brigham Young. PhD, 1982, Alberta. (2002)

Courtesy

Steven S. Rumrill, courtesy research associate (estuarine ecology and management, larval biology of marine invertebrates). BA, 1981, MS, 1983, California, Santa Cruz; PhD, 1987, Alberta. (1991)

David H. Wagner, courtesy associate professor (plant taxonomy, ecology, evolution of bryophytes and pteridophytes). BA, 1968, Puget Sound; MS, 1974, PhD, 1976, Washington State. (1976)

Emeriti

Andrew S. Bajer, professor emeritus. PhD, 1950, DSc, 1956, Cracow. (1964)

Howard T. Bonnett Jr., professor emeritus. BA, 1958, Amherst; PhD, 1964, Harvard. (1965)

Roderick A. Capaldi, professor emeritus. BS, 1967, London; PhD, 1970, York. (1973)

George C. Carroll, professor emeritus. BA, 1962, Swarthmore; PhD, 1966, Texas. (1967)

Richard W. Castenholz, professor emeritus. BS, 1952, Michigan; PhD, 1957, Washington State. (1957)

Charles B. Kimmel, professor emeritus. BA, 1962, Swarthmore; PhD, 1966, Johns Hopkins. (1969)

Frederick W. Munz, professor emeritus. BA, 1950, Pomona; MA, 1952, PhD, 1958, California, Los Angeles. (1959)

Paul P. Rudy, professor emeritus. BA, 1955, MA, 1959, PhD, 1966, California, Davis. (1968)

Eric Schabtach, senior instructor emeritus. BS, 1963, McGill. (1969)

Lynda P. Shapiro, professor emerita. BA, 1960, MS, 1963, Arkansas; PhD, 1974, Duke. (1990)

Franklin W. Stahl, professor emeritus. AB, 1951, Harvard; PhD, 1956, Rochester. (1959)

Nora B. Terwilliger, professor emerita. BS, 1963, Vermont; MS, 1965, Wisconsin, Madison; PhD, 1981, Oregon. (1972)

Daniel Udovic, professor emeritus. BA, 1970, Texas; PhD, 1973, Cornell. (1973)

Norman K. Wessells, professor emeritus; provost emeritus, academic affairs. BS, 1954, PhD, 1960, Yale. (1988)

James A. Weston, professor emeritus. BA, 1958, Cornell; PhD, 1963, Yale. (1970)

Herbert P. Wisner, senior instructor emeritus. BA, 1949, MA, 1950, Syracuse. (1966)

The date in parentheses at the end of each entry is the first year on the University of Oregon faculty.

- **Bachelor of Arts: Biology**
- **Bachelor of Arts: Marine Biology**
- **Bachelor of Science: Biology**
- **Bachelor of Science: Marine Biology**

Undergraduate Studies

Students may enter the program with a high school education or transfer from a community college or university. The curriculum includes courses for majors in biology, marine biology, and related disciplines; preprofessional courses; and courses that serve as important elements in a liberal education for students in other majors. Course work for the biology major provides an exceptional foundation for students who plan to pursue graduate programs in biomedicine and research, and jobs in health services, private industry, and education.

Biology Advising Center for Undergraduates

541-346-4525
65 Klamath Hall
bioadvis@uoregon.edu
biology.uoregon.edu/advising

In the Biology Advising Center, students can meet with members of the biology advising staff to receive help in planning an individualized program of study.

The center provides multiple resources and services including contacts for local, national, and international internships; evaluation of biology-specific transfer equivalencies; and advising for biology students and those interested in biomedicine. Transfer students should consult the university's website for estimated transfer evaluations—registrar.uoregon.edu/transfer-articulation—and should confirm with each individual department advisor when questions arise.

Nonmajors

Courses for nonmajors, offered at the 100 level, are intended for students with little or no college background in biology, chemistry, or mathematics. Course topics vary from year to year, but all focus on the biological basis of animal behavior, cancer, ecology, evolution, genetics, and human physiology.

Students who are contemplating a major in biology or a related science are advised to begin their biology course work with one of the lower-division sequences, General Biology I–IV or Honors Biology I–III. Both sequences include rigorous laboratories and have chemistry and mathematics prerequisites.

Majors

Preparation

Modern biology is a quantitative interdisciplinary science. Students planning to specialize in biology should include in their high school preparation as much mathematics, chemistry, and physics as possible. International baccalaureate and advanced placement course work and testing are encouraged.

Transfer Students

Students who intend to transfer as majors from a community college or four-year institution should carefully plan the program of course work they take before transferring. Students who transfer after one year of college should have completed a year of general chemistry with laboratories and a year of college-level mathematics. Satisfactory completion of a yearlong biology major's introductory sequence that includes laboratories and features strong components of genetics, evolution, and physiology, most often enables transfer students to earn credit for three of four courses in the General Biology sequence. If this is the case, to complete the 200-level, lower-division biology requirement, students must successfully (with a grade of P or C– or better) complete General Biology IV: Mechanisms (BI214). In addition to these biology courses, transfer students can complete major requirements by taking a year of general chemistry with laboratories, two terms of organic chemistry, mathematics through two terms of calculus, and a year of general physics for science majors. Students who plan on applying to graduate programs in medicine or allied

health are encouraged to take a full year of organic chemistry with the first two terms of laboratories and a full year of physics with laboratories to satisfy graduate program admissions requirements. Organic chemistry course work completed at a community or junior college may not be used to satisfy upper-division credit requirements at the University of Oregon unless an American Chemical Society exam is passed.

Lower-Division Biology Sequences

The standard, four-course sequence includes General Biology I: Cells (BI211), General Biology II: Organisms (BI212), General Biology III: Populations (BI213), and General Biology IV: Mechanisms (BI214).

The three-course honors sequence for those with a strong background in chemistry and mathematics includes Honors Biology I: Cells, Biochemistry and Physiology (BI281H), Honors Biology II: Genetics and Molecular Biology (BI282H), and Honors Biology III: Evolution, Diversity and Ecology (BI283H).

Either sequence is appropriate for students with interests in any area of biology. Students should consult the department website or visit the Biology Advising Center to seek advice on which sequence is most appropriate for them, and for the most up-to-date information.

Careers

The biology major prepares students for many outstanding fields. Biology professions have been ranked among the top ten jobs in the United States for more than fifteen years. A *U.S. News and World Report*article on best careers reported that studying biology is the gateway to at least ten of the top thirty professions, and that being a biologist is the number-one ranked and most satisfying profession out of the top 100 in the United States.

Many graduates have gone on to top U.S. and International schools in medicine, dentistry, pharmacy, veterinary medicine, optometry, physical therapy, nursing, and teacher education. Others have pursued PhD and MS degrees in molecular biology, neuroscience, ecology and evolution, and marine biology, or have found employment with government agencies, private industry, or nonprofit organizations.

Biology majors are encouraged to become involved in a variety of learning experiences in addition to their college course work. More than two-thirds of our students are actively involved in research, and many assist with tutoring or teaching laboratories. Local, national, and international internships are available for those interested in a wide variety of specialty areas. Sample international programs established by the UO's overseas program include neotropical ecology in Ecuador, tropical marine biology in Panama, and tropical diseases and service learning placements in Ghana. Selected job listings are available online at uocareer.uoregon.edu, in the Biology Advising Center, and in the Career Center, 244Hendricks Hall.

Major Requirements

A major in biology or marine biology leads to a bachelor of science (BS) or to a bachelor of arts (BA) degree. The BA requires completion of the foreign-language requirement. More than 95 percent of biology and marine biology majors seek the bachelor of science (BS) degree, while those with double majors or those emphasizing languages choose to pursue a bachelor of arts (BA) degree.

Bachelor of Arts Degree Requirements: Biology

Core Courses		
Math [1]		8
MATH246	Calculus for the Biological Sciences I	
orMATH251	Calculus I	
MATH247	Calculus for the Biological Sciences II	
orMATH252	Calculus II	
General Chemistry		18
CH221–223	General Chemistry	
orCH224H–226H	Honors General Chemistry	
CH227–229	General Chemistry Laboratory	
orCH237–239	Advanced General Chemistry Laboratory	
Organic Chemistry [2]		8
CH331	Organic Chemistry I	
CH335	Organic Chemistry II	
Physics [3]		12
PHYS201–203	General Physics	
orPHYS251–253	Foundations of Physics I	
Lower-Division Biology		15-16
BI211–214	General Biology I-IV	
orBI281H–283H	Honors Biology I-III	
Upper-Division Biology [4]		44
At least one course needs to be completed from each area (I, II, and III):		
Area I: 300-level molecular, cellular, and developmental biology course		
Area II: 300-level systems-organisms course		
Area III: 300-level ecology and evolution course		
Two or more 300- or 400-level courses with significant laboratory or fieldwork		
12 credits of courses numbered BI410, 420–499		
Total Credits		**105-106**

1. A course in statistics is required if an ecology and evolution or neuroscience and behavior emphasis area is selected.
2. Students planning to apply to graduate programs in medicine and allied health should complete additional organic chemistry (CH 336) with two laboratories (CH 337, 338) and biochemistry (CH 360). A course in genetics is also required or preferred by many programs. Please consult specific graduate admissions programs for further details.
3. Students planning to apply to graduate programs in medicine and allied health should complete additional physics laboratories (PH 204, 205, 206) or three terms of Foundations of Physics Laboratory (PHYS 290). Please consult specific graduate admissions programs for further details.
4. Students must complete a minimum of 44 upper-division biology credits. For a complete list of approved courses, and other details about upper-division requirements, see *Requirements for the Biology Major*, found on the biology advising web page at biology.uoregon.edu/undergraduate-program/requirements.

Bachelor of Science Degree Requirements: Biology

Core Courses		
Math [1]		8
MATH246	Calculus for the Biological Sciences I	
orMATH251	Calculus I	
MATH247	Calculus for the Biological Sciences II	
orMATH252	Calculus II	
General Chemistry		18
CH221–223	General Chemistry	
orCH224H–226H	Honors General Chemistry	
CH227–229	General Chemistry Laboratory	
orCH237–239	Advanced General Chemistry Laboratory	
Organic Chemistry [2]		8
CH331	Organic Chemistry I	
CH335	Organic Chemistry II	
Physics [3]		12
PHYS201–203	General Physics	
orPHYS251–253	Foundations of Physics I	
Lower-Division Biology		15-16
BI211–214	General Biology I-IV	
orBI281H–283H	Honors Biology I-III	
Upper-Division Biology [4]		44
At least one course needs to be completed from each area (I, II, and III):		
Area I: 300-level molecular, cellular, and developmental biology course		
Area II: 300-level systems-organisms course		
Area III: 300-level ecology and evolution course		
Two or more 300- or 400-level courses with significant laboratory or fieldwork		
12 credits of courses numbered BI410, 420–499		
Total Credits		**105-106**

1. A course in statistics is required if an ecology and evolution or neuroscience and behavior emphasis area is selected.
2. Students planning to apply to graduate programs in medicine and allied health should complete additional organic chemistry (CH 336) with two laboratories (CH 337, 338) and biochemistry (CH 360). A course in genetics is also required or preferred by many programs. Please consult specific graduate admissions programs for further details.
3. Students planning to apply to graduate programs in medicine and allied health should complete additional physics laboratories (PH 204, 205, 206) or three terms of Foundations of Physics Laboratory (PHYS 290). Please consult specific graduate admissions programs for further details.
4. Students must complete a minimum of 44 upper-division biology credits. For a complete list of approved courses, and other details about upper-division requirements, see *Requirements for the Biology Major*, found on the biology advising web page at biology.uoregon.edu/undergraduate-program/requirements.

Students are urged to contact specific institutions to confirm admission requirements.

Please contact the Biology Advising Center at biology.uoregon.edu/advising or 541-346-4525 for additional limitations and allowances.

Emphasis Areas for the Biology Major

Fulfilling the requirements for an undergraduate degree in biology provides a solid, general foundation in the discipline. Some biology majors choose to concentrate their upper-division course work in one of five emphasis areas:

- ecology and evolution
- human biology
- marine biology
- molecular, cellular, and developmental biology
- neuroscience and behavior

The requirements listed for each emphasis may be fulfilled as the student completes the biology major. Upon graduation, students who complete the requirements for an emphasis area receive a written recognition from the department.

Visit biology.uoregon.edu/undergraduate-program/requirements for the current requirements for each emphasis area, or contact the Biology Advising Center at 541-346-4525 for more information.

Major in Marine Biology

Bachelor of Arts Degree Requirements: Marine Biology

Core Courses		
Math [1]		8
MATH246	Calculus for the Biological Sciences I	
orMATH251	Calculus I	
MATH247	Calculus for the Biological Sciences II	
orMATH252	Calculus II	
General Chemistry		18
CH221–223	General Chemistry	
orCH224H–226H	Honors General Chemistry	
CH227–229	General Chemistry Laboratory	
orCH237–239	Advanced General Chemistry Laboratory	
Organic Chemistry		8
CH331	Organic Chemistry I	
CH335	Organic Chemistry II	
Physics		12
PHYS201–203	General Physics	
orPHYS251–253	Foundations of Physics I	
Lower-Division Biology		15-16
BI211–214	General Biology I-IV	

orBI281H–283H	Honors Biology I-III	
Upper-Division Biology [2]		44
At least one course needs to be completed from each area (I, II, and III)		
Area I: 300-level molecular, cellular, and developmental biology course		
Area II: 300-level systems-organisms course		
Area III: 300-level ecology and evolution course		
Three terms of full-time enrollment in courses at OIMB (at least 12 credits) [3]		
12 credits of courses numbered BI420–499		
Total Credits		**105-106**

1. A course in statistics is required if an ecology and evolution or neuroscience and behavior emphasis area is selected.
2. Students must complete a minimum of 44 upper-division biology credits. For a complete list of approved courses and other details about upper-division requirements, see *Requirements for the Marine Biology Major*, found on the biology advising web page at biology.uoregon.edu/undergraduate-program/requirements.
3. Courses at the Oregon Institute of Marine Biology (OIMB) are offered summer session and spring and fall terms. Some students may arrange research credits during winter term. See oimb.uoregon.edu for details of OIMB courses.

Students are required to spend three terms completing upper-division course work (taking at least 12 credits per term) at the Oregon Institute of Marine Biology. A program plan for the marine biology major is available in the Biology Advising Center or on the OIMB website.

Bachelor of Science Degree Requirements: Marine Biology

Core Courses		
Math [1]		8
MATH246	Calculus for the Biological Sciences I	
orMATH251	Calculus I	
MATH247	Calculus for the Biological Sciences II	
orMATH252	Calculus II	
General Chemistry		18
CH221–223	General Chemistry	
orCH224H–226H	Honors General Chemistry	
CH227–229	General Chemistry Laboratory	
orCH237–239	Advanced General Chemistry Laboratory	
Organic Chemistry		8
CH331	Organic Chemistry I	
CH335	Organic Chemistry II	
Physics		12
PHYS201–203	General Physics	
orPHYS251–253	Foundations of Physics I	
Lower-Division Biology		15-16
BI211–214	General Biology I-IV	

orBI281H–283H	Honors Biology I-III	
Upper-Division Biology [2]		44
At least one course needs to be completed from each area (I, II, and III)		
Area I: 300-level molecular, cellular, and developmental biology course		
Area II: 300-level systems-organisms course		
Area III: 300-level ecology and evolution course		
Three terms of full-time enrollment in courses at OIMB (at least 12 credits) [3]		
12 credits of courses numbered BI420–499		
Total Credits		**105-106**

1. A course in statistics is required if an ecology and evolution or neuroscience and behavior emphasis area is selected.
2. Students must complete a minimum of 44 upper-division biology credits. For a complete list of approved courses and other details about upper-division requirements, see *Requirements for the Marine Biology Major*, found on the biology advising web page at biology.uoregon.edu/undergraduate-program/requirements.
3. Courses at the Oregon Institute of Marine Biology (OIMB) are offered summer session and spring and fall terms. Some students may arrange research credits during winter term. See oimb.uoregon.edu for details of OIMB courses.

Students are required to spend three terms completing upper-division course work (taking at least 12 credits per term) at the Oregon Institute of Marine Biology. A program plan for the marine biology major is available in the Biology Advising Center or on the OIMB website.

Animal Use in Teaching Laboratories

Students should be aware that the biology and marine biology majors require courses in which a variety of organisms, including vertebrate animals, are used in laboratory dissections and experiments.

Prospective majors who are concerned about this should discuss it with their advisors before beginning either program. Students are encouraged to review the syllabuses for laboratory courses before enrolling. Syllabuses are available on the department's website.

Department and university policies require that the use of live vertebrate animals be minimized in teaching laboratories and be approved by the curriculum committee of the Department of Biology and by the Institutional Animal Care and Use Committee of the University of Oregon. Students who have ethical objections to animal use in a course that requires it should consult the director of undergraduate advising before enrolling.

Recommended Program

Students are encouraged to regularly consult their degree audit and transfer evaluation reports, academic transcripts, and other information available on DuckWeb. Students should consult with an advisor in the Biology Advising Center at least once a year to refine their program of study.

Each student should consult an advisor in the Biology Advising Center for help with determining a program of study. Freshman majors enrolled in a calculus course typically take general chemistry with laboratories.

Upper-division biology electives and General Physics (PHYS201), General Physics (PHYS202), General Physics (PHYS203) are typically taken after successful completion of an introductory biology sequence.

By the end of the sophomore year, each student should have met with a biology advisor to develop a program that satisfies both the interests of the student and the major requirements.

Courses with the BI subject code that are taken to meet major requirements must be passed with grades of P or C– or better. Students should choose the pass/no pass (P/N) option sparingly or not at all. Some biomedical graduate programs do not allow transfer credit from courses taken pass/no pass.

Students meet the general-education group requirement in science by fulfilling the requirements for a major in biology. Transfer students should consult their advisors when selecting courses to meet the group requirements in arts and letters and in social science. For more information, see the **Bachelor's Degree Requirements** section of this catalog.

Oregon Institute of Marine Biology

Located in Charleston on Coos Bay, the Oregon Institute of Marine Biology (OIMB), in conjunction with the biology department, offers an undergraduate marine biology major and a coordinated program of study for undergraduates in biology, general science, and environmental science or environmental studies. During fall and spring terms and the summer session, 300- and 400-level courses take advantage of the institute's unique coastal setting. Typical offerings include the following:

BI390	Animal Behavior	4
BI451	Invertebrate Zoology	8
BI454	Estuarine Biology	5
BI455	Marine Birds and Mammals	1-6
BI457	Marine Biology: [Topic] (Comparative Embryology and Larval Biology, Environmental Issues, Molecular Biology for Marine Sciences, Subtidal and Deep Sea Ecology)	4-5
BI458	Biological Oceanography	5
BI474	Marine Ecology	1-8

A seminar series, Seminar: [Topic] (BI407), features weekly invited speakers who are active researchers in the marine sciences. Undergraduate research is encouraged.

The summer program offers additional 400-level courses emphasizing field studies and includes a variety of eight- and two-week courses as well as weekend workshops. Information and applications are available from the Biology Advising Center, from the director of the institute, or from the OIMB website. See also the **Research Centers and Institutes** section of this catalog.

Malheur Field Station

The University of Oregon is a member of the Malheur Field Station consortium. Located in southeastern Oregon in the heart of the Great Basin desert, the field station provides an excellent opportunity for students to study terrestrial and aquatic systems. Credits earned in courses at the field station may be transferred to the university and are included in the total credits required for a University of Oregon degree. Courses that have been preapproved by the department may be counted for the biology major. Detailed course information and applications may be obtained from the field station website.

Second Bachelor's Degree

Students may obtain a second bachelor's degree in biology after earning a bachelor's degree in another field. These students are admitted as postbaccalaureate nongraduates. For the second degree, all departmental and university requirements must be met. For more information, see Second Bachelor's Degree in the **Bachelor's Degree Requirements** section of this catalog.

Preprofessional Students

Preprofessional health science students who want to major in biology need to plan carefully to complete major requirements and meet entrance requirements of professional schools. These students should consult a biology advisor as well as the advisor for the professional area of their choice. See Preparatory Programs in the **Academic Resources** section of this catalog for more information about these requirements.

Although Organic Chemistry Lecture (CH 336), Organic Chemistry Laboratory (CH337), Organic Chemistry Laboratory (CH338) and Introductory Physics Laboratory (PHYS204), Introductory Physics Laboratory (PHYS205), Introductory Physics Laboratory (PHYS206) are not required for the biology major, they are required for programs at most professional schools including biomedicine at Oregon Health and Science University in Portland.

Honors Program in Biology

The honors program requires substantial laboratory or field research supervised by a faculty member. Biology majors who satisfy the following requirements are eligible to graduate with honors:

1. Registration for the honors program through the Biology Advising Center, which includes obtaining an acceptance signature from the faculty research advisor, *before* beginning research
2. Completion of all requirements for the major in biology
3. Attainment of a minimum 3.30 GPA in all upper-division biology courses (including 300- and 400-level approved courses outside the department; see a biology advisor for a list)
4. Completion of a minimum of 6 credits in Research: [Topic] (BI401) under the supervision of a single faculty advisor
5. Completion of a minimum of three terms of intensive research (summer session counts as a term); at least four terms and summer research experience are strongly encouraged
6. Enrollment in Thesis (BI403) for all three terms of senior year, for a total of 4 credits; these credits may be applied toward the 44 required upper-division biology credits
7. Completion of a thesis, with the following requirements:
    a. Oversight by a thesis committee comprising two faculty members —a primary advisor and one faculty member on the Biology Undergraduate Affairs Committee
    b. A final version of the thesis must be provided to the committee one week prior to the thesis defense
    c. Both committee members must sign the thesis within one week of the thesis defense, and a final signed copy must be submitted to the Biology Advising Office
8. Defense of the thesis in a public forum in which the thesis committee is in attendance, taking place at least two weeks prior to the end of the term in which the student is graduating. The thesis defense

is open seminar, and other faculty members, trainees, and staff members are encouraged to attend

A student of this program should e-mail the chair of the Biology Undergraduate Affairs Committee at the beginning of the term in which he or she intends to defend the thesis. The chair will help students find the appropriate member of the committee to serve as their second thesis committee member.

Special Opportunities for Biology Undergraduates

Majors may participate in research; attend department research seminars; work as a computer laboratory assistant, biology undergraduate laboratory assistant, or peer advisor; spend a term at OIMB; or participate in related activities.

The Biology Undergraduate Lab Assistant program provides students with opportunities to gain teaching experience while deepening their knowledge of a particular field. Participants enroll in and receive credit for BI402 Supervised College Teaching, which may be applied to the biology major upper-division credit requirements. Students who are considering a career in education are especially encouraged to consider this option.

Credit may be earned for conducting research under the supervision of a faculty member by enrolling in Research: [Topic] (BI401). For more information, visit the Scientific Mentorship and Research Training (SMART) website: smart.uoregon.edu.

Students are invited to attend seminars that feature visiting and local scientists.

Students may assist in teaching laboratory sections of some biology courses. Applications may be filed with the department for the limited number of assistantships available.

Peer advising is another way for students to become involved in the department. Interested students are trained during the spring term before the year they plan to work in the advising center.

Although all biology majors have the opportunity to attend OIMB, the university's marine biology laboratory, students who major in marine biology spend three terms at the institute. Interested students should plan to attend during their junior or senior years.

Students are encouraged to express ideas and offer suggestions about curriculum and student relations to the chair of the department's curriculum committee, the director of undergraduate advising, the chair of the department's undergraduate affairs committee, or the head of the department.

Students are asked to evaluate their biology courses and instructors near the end of each term. This information is available to instructors after the end of the term and placed on file for possible use in promotion and tenure deliberations. Student answers to summary questions are available in electronic format in Knight Library and in the Office of Academic Advising.

The Biology Teacher Recognition Award highlights efforts to improve biology education through student feedback. Initiated by student nominations, the award recognizes faculty members and teaching assistants who excel in one or more aspects of teaching effectiveness.

Minor in Biology

Lower-Division Biology Courses		12-15
Select three of the following:		
BI211	General Biology I: Cells	
BI212	General Biology II: Organisms	
BI213	General Biology III: Populations	
BI214	General Biology IV: Mechanisms	
Or all three of the following:		
BI281H	Honors Biology I: Cells, Biochemistry and Physiology	
BI282H	Honors Biology II: Genetics and Molecular Biology	
BI283H	Honors Biology III: Evolution, Diversity and Ecology	
Upper-Division Biology Courses [1]		16
Total Credits		**28-31**

1 No more than 4 credits from BI 401–409.

Students interested in a minor in biology should develop a plan for the minor in consultation with an advisor in the Biology Advising Center. Students completing the minor in biology must provide the biology advisor with a transcript or transfer evaluation that shows any transfer courses that may be applied to the minor.

At least 16 credits of biology applied to the minor must be taken at the University of Oregon.

Course work must be completed with grades of P or C– or better.

Kindergarten through Secondary Teaching Careers

Students who complete the bachelor's degree with a biology major are eligible to apply for the College of Education's fifth-year licensure program in middle-secondary teaching or the fifth-year licensure program to become an elementary teacher. More information is available from the department's K–12 education advisor, Peter Wetherwax; see also the **College of Education** section of this catalog.

Graduate Studies

The department offers graduate work leading to the degrees of master of arts (MA), master of science (MS), and doctor of philosophy(PhD). The department's primary emphasis for graduate study is the PhD program.

Applications are reviewed by members of the following programs:

1. Molecular and cellular biology
2. Neuroscience and development
3. Ecology and evolution
4. Marine biology

Interdisciplinary opportunities are available among the programs in biology as well as between biology and other departments, e.g., chemistry, computer science, human physiology, physics, and psychology.

Financial support for graduate students is available through training grants, research grants, and teaching assistantships.

Detailed information about the graduate program, faculty research interests, and facilities is available at the biology department website.

Master's Degree

Master's degrees earned on the UO campus generally emphasize ecology and evolution and can involve research on terrestrial, aquatic, or marine organisms.

Candidates for the master's degree complete one of the following requirements:

- 60 credits of course work and the preparation of a critical essay
- 45 credits of course work and the completion of a research project that is presented as a thesis

Two years are typically required for completion of the master's degree. More information is available from the biology department graduate program coordinator.

A two-year master's degree with a specialty in marine biology is offered at the Oregon Institute of Marine Biology. Master's degree students enrolled in the program at the institute must be admitted to the thesis master's option. This program provides training for a variety of careers in aquatic or marine biology and can serve as preparation for advancement to a PhD program at another institution.

Students may be able to accelerate completion of a master's degree program by completing graduate courses while still in the undergraduate program. For information, see Reservation of Graduate Credit (p. 706) in the **Graduate School** section of this catalog.

Doctoral Degree

During the first year, students take courses in their area of interest and participate in a laboratory rotation program. The rotations provide direct exposure to research activities in three laboratories and are therefore invaluable in choosing a laboratory in which to carry out dissertation research. After the first year in the program, students devote nearly all their efforts to research. These activities culminate in the public defense of a dissertation.

Admission

Information on applying to the graduate program may be obtained from the department's website or from the department office. Requirements for admission to the graduate program include the following:

1. A completed online application
2. Three letters of recommendation
3. Transcripts of all college work
4. Scores on the quantitative, verbal, and analytical sections of the Graduate Record Examinations
5. TOEFL score of 600 (paper-based test) or 105 (Internet-based test) or better for international students

Applications and support materials are submitted electronically.

Application Deadline

Applications must be received by the department by December 1, when the graduate admissions committee begins reviewing applications.

Institute of Ecology and Evolution

The institute promotes and facilitates research and graduate education in ecology and evolutionary biology. Active research programs emphasize molecular evolution, evolution of development, life-history evolution, photoperiodism and seasonal development, population and quantitative genetics, ecology of mutualism, plant-fungus and plant-insect interactions, theoretical ecology, microbial ecology, host-microbe interaction, global change, biological oceanography, biogeochemistry, and community and ecosystem dynamics. Researchers use a variety of methods, organisms, and habitats to address critical questions in their disciplines. For more information, see the **Research Centers and Institutes** section of this catalog.

Institute of Molecular Biology

The Institute of Molecular Biology is an interdisciplinary research community dedicated to investigating biological questions at the molecular level, bringing together scientists from the biology, chemistry, and physics departments and providing them with state-of-the-art, shared facilities. Graduate students are admitted into academic departments and subsequently receive their degrees through those departments. They may, however, choose any faculty member as a dissertation advisor. For more information, see the **Research Centers and Institutes** section of this catalog or visit www.molbio.uoregon.edu/grad.html.

Institute of Neuroscience

Neuroscientists in the biology, human physiology, and psychology departments have formed an interdisciplinary institute in the neurosciences. Faculty members are engaged in research in cellular neuroscience, developmental biology, systems neuroscience, neural plasticity, and cognitive neuroscience. A coordinated graduate-degree program of instruction and research is available to students through any of the participating departments. For more information see the **Research Centers and Institutes** section of this catalog.

Developmental Biology Program

A rigorous graduate training program investigates the mechanisms that lead from a fertilized egg to an adult organism. Various laboratories in the Institutes of Neuroscience and of Molecular Biology are investigating how cell polarity is established in budding yeast (Saccharomyces cerevisiae), in embryos of the nematode (*Caenorhabditis elegans*), and in stem cells of the fruit fly (*Drosophila melanogaster*); how asymmetric cell division is regulated in *C. elegans* and *D. melanogaster*; how cell signals program cell-fate choice during plant and animal development; how *C. elegans* embryos establish major body axes; how neuronal diversity is generated in the zebra fish (*Danio rerio*) and in *D. melanogaster*; how hypoxia influences development in *D. melanogaster*; how resident bacteria influence intestinal development in *D. rerio*; and, in general, how genes are regulated during development. For more information see the **Research Centers and Institutes** section of this catalog.

Oregon Institute of Marine Biology

The Oregon Institute of Marine Biology offers a full program of study and research for graduate students. Graduate courses are offered mainly during summer session and fall and spring terms, and research is conducted year round. The marine biology graduate program focuses on research in biological oceanography, phytoplankton and microbial food webs, invertebrate physiology, larval ecology and evolution, the biology of intertidal organisms, deep-sea biology, and marine ecology. Direct inquiries to the biology department's graduate program coordinator.

See also the **Research Centers and Institutes** (p. 712)section of this catalog.

Environmental Studies

The Environmental Studies Program offers interdisciplinary graduate study leading to a master of arts (MA) or master of science (MS) in environmental studies and an interdisciplinary doctor of philosophy (PhD) degree in environmental sciences, studies, and policy. Students choose courses offered in appropriate disciplines to design a program that meets individual goals. More information is available in the **Environmental Studies** section of this catalog.

Courses

BI121. Introduction to Human Physiology. 4 Credits.
Stody of body functions with emphasis on organs and systems. Cell function, genetics, nutrition, and exercise; function of the gut, heart, vessels, glands, lungs, nerves, and muscles with practical applications. Lecture, laboratories.

BI122. Introduction to Human Genetics. 4 Credits.
Basic concepts of genetics as they relate to humans. Blood groups, transplantation and immune reaction, prenatal effects, the biology of twinning, selection in humans, and sociological implications. Lectures, discussions.

BI123. Biology of Cancer. 4 Credits.
Comparison of cancer cells with normal cells; causes of cancer, including viral and environmental factors; biological basis of therapy. Lectures, laboratories.

BI130. Introduction to Ecology. 4 Credits.
The concept of an ecosystem; organismal energetics; biogeochemical cycles; succession; population growth; species interactions, species diversity; implications for human ecosystems. Lectures, discussions.

BI131. Introduction to Evolution. 4 Credits.
Darwinian evolution; human-caused evolution, natural selection, speciation, extinction, and human evolution. Lectures, discussions.

BI132. Introduction to Animal Behavior. 4 Credits.
Animal behavior, its evolutionary origins, and its neural mechanisms. Readings and films illustrate the adaptive nature of orientation, navigation, communication, and social behavior. Lectures, discussions.

BI140M. Science, Policy, and Biology. 4 Credits.
Explores the biology behind important topical issues such as stem cells, cloning, and genetically modified organisms. How policy decisions affect research in these areas. Lectures, discussions. Multilisted with CH 140M.

BI150. The Ocean Planet. 4 Credits.
The diversity of marine life is introduced in the context of appreciating nature and using science in the solution of environmental problems. Lectures, discussions.

BI196. Field Studies: [Topic]. 1-2 Credits.
Repeatable.

BI198. Laboratory Projects: [Topic]. 1-2 Credits.
Repeatable.

BI199. Special Studies: [Topic]. 1-5 Credits.
Repeatable.

BI211. General Biology I: Cells. 4 Credits.
How cells carry out functions of living organisms; genetic basis of inheritance; how genes and proteins work. Lectures, laboratories-discussions.
Prereq: C- or better or P in CH 111 or 113 or 114 or 221 or 224H.

BI212. General Biology II: Organisms. 4 Credits.
How cells develop and interact within complex organisms. Comparative anatomy and physiology of plants and animals. Lectures, laboratories-discussions.
Prereq: C- or better or P in BI 211.

BI213. General Biology III: Populations. 4 Credits.
How organisms interact with their environments and with each other; ecology, evolution, and behavior. Lectures, laboratories-discussions.
Prereq: C- or better or P in BI 211.

BI214. General Biology IV: Mechanisms. 4 Credits.
Protein structure and function; metabolism; DNA structure, replication, mutation, and repair; gene mapping and complementation; and gene regulation. Lectures, laboratories.
Prereq: C- or better or P in BI 212 and CH 223 or 226H.

BI281H. Honors Biology I: Cells, Biochemistry and Physiology. 5 Credits.
Focuses on the cellular structures and chemical reactions that allow cells to grow, to transform energy, and to communicate. Lectures, laboratories. Sequence with BI 282H, BI 283H.
Prereq: Math 111 with B- or better or minimum AP/IB mathematics score of 4/5 and CH 223 or CH 226H with B- or better.

BI282H. Honors Biology II: Genetics and Molecular Biology. 5 Credits.
How living organisms store, replicate, and transmit their genetic information, and how this information directs the activities of the cell and organism. Lectures, laboratories. Sequence with BI 281H, 283H.
Prereq: BI 281H with C- or better or P.

BI283H. Honors Biology III: Evolution, Diversity and Ecology. 5 Credits.
The genetic basis and ecological context of evolutionary change leading to an examination of the generation and major patterns of biodiversity. Lectures, laboratories, field trips. Sequence with BI 281H, 282H.
Prereq: BI 282H with grade of C– or better or P

BI306. Pollination Biology. 4 Credits.
Ecology and evolution of pollination biology: coevolution, mutualism, animal foraging behavior, plant breeding systems, biodiversity, and conservation issues associated with endangered species and introduced species. Lectures, laboratories, field trips.
Prereq: BI 213 or 283H.

BI307. Forest Biology. 4 Credits.
Structure and function of forested ecosystems emphasizing the Pacific Northwest. Interactions among trees, microorganisms, and animals; disturbance and recovery; forest management. Lectures, laboratories, field trips.
Prereq: BI 213 or 283H.

BI309. Tropical Diseases in Africa. 4 Credits.
Biological and medical aspects of major infectious and parasitic diseases in Africa, including HIV/AIDS and malaria; socioeconomic issues in public health; case studies. Lectures, discussions.
Prereq: BI 212 or BI 282H.

BI320. Molecular Genetics. 4 Credits.
Molecular mechanisms regulating control of gene expression. Topics include chromosome structure, transcription and processing of RNA, control of transcription, translational control, and genetic rearrangement. Lectures, discussions.
Prereq: BI 214 or BI 282H.

BI322. Cell Biology. 4 Credits.
Eukaryotic cell nuclear structure and exchange, protein trafficking, endocytosis, chaperones, cytoskeletal functions, intercellular junctions, extracellular materials, signaling, cell division mechanics and controls, aging and death. Lectures, discussions.
Prereq: BI 214 or BI 282H; CH 331 recommended.

BI328. Developmental Biology. 4 Credits.
Topics include genetic regulation, nucleocytoplasmic interactions, organogenesis, morphogenesis, pattern formation, cell differentiation, and neoplasia. Lectures, laboratories.
Prereq: BI 214 and CH 331 or BI 282H.

BI330. Microbiology. 3 Credits.
Biology of bacteria: photosynthetic, heterotrophic, and others. Cell structure and function, metabolism including anaerobic and O2-producing photosynthesis, nitrogen fixation, species interactions, and role in major geochemical cycles. Lectures.
Prereq: BI 214 or 282H.

BI331. Microbiology Laboratory. 3 Credits.
Microbial diversity through laboratory projects involving enrichments, culture isolations, and partial characterizations. Two scheduled laboratories and one scheduled lecture per week; additional unscheduled time required. Laboratories.
Prereq: BI 214 or 282H; pre- or coreq: BI 330.

BI353. Sensory Physiology. 4 Credits.
Introduction to physiology of the senses: cellular physiology of peripheral receptors through the computational mechanisms that are ultimately related to perception. Lectures, discussions.
Prereq: BI 214 or 282H.

BI355. Vertebrate Evolution and Development. 4 Credits.
Comparisons of vertebrate organs and tissues with emphasis on evolutionary trends, development, and diversification. How origins of novel structures may arise by changes in regulatory gene activities. Lectures, laboratories.
Prereq: BI 214 or 283H.

BI356. Animal Physiology. 5 Credits.
Neurophysiology, endocrinology, muscle contraction, and homeostatic mechanisms of circulation, respiration, metabolism, ionic regulation, and excretion in mammals; comparison with those in other animals. Lectures, laboratories.
Prereq: BI 214 or 281H.

BI357. Marine Biology. 4 Credits.
Ecology and physiology of marine plants and animals. Comparisons of various marine habitats. Human influences on marine systems. Lectures, laboratories, field trips.
Prereq: BI 213 or 283H. Not open to students who have credit for BI 458 or 474.

BI358. Investigations in Medical Physiology. 4 Credits.
Human physiology with research and clinical medicine applications. Nervous system, addiction medicine, endocrinology, immunology, cardiology, digestion, nutrition, reproduction, infertility, pediatrics, and ophthalmology. Lectures, discussions, primary literature research. Human anatomy and physiology background preferred.
Prereq: one from BI 214, BI 283H, HPHY 324.

BI359. Plant Biology. 4 Credits.
A detailed introduction of the unique features of the biology of land plants, including ecology, physiology, developmental genetics, and evolutionary biology. Lectures, discussions.
Prereq: BI 211; 212; 213 or 281H; 282H; 283H.

BI360. Neurobiology. 4 Credits.
Function of the nervous system from the single neuron to complex neural networks. Topics range from molecular and cellular neurobiological mechanisms to systems and behavioral analyses. Lectures, discussions.
Prereq: BI 214 or 282H.

BI370. Ecology. 4 Credits.
Relationship of organisms to their environment in space and time. Factors controlling the distribution and abundance of organisms, introductions to community systems, and paleoecology. Required fieldwork. Lectures, laboratories, field trips.
Prereq: BI 213 or 283H. Calculus or statistics recommended.

BI372. Field Biology. 4 Credits.
Students learn to identify the plants and animals of Oregon, their adaptations and ecology. Lectures, laboratories, field trips. Offered alternate years.

BI374. Conservation Biology. 4 Credits.
Global patterns of biological diversity; major threats to biodiversity; application of ecology, evolution, genetics, and other areas to protect and maintain biodiversity. Lectures, discussions.
Prereq: BI 213 or 283H.

BI375. Biological Diversity. 4 Credits.
Patterns of global biological diversity in space and time; major systematic groups of organisms and their ecological roles; historical and human effects on biological diversity. Lectures, discussions.
Prereq: BI 213 or 283H.

BI380. Evolution. 4 Credits.
Origin and maintenance of genetic variability. Historical and geographic patterns of variation. Application of population genetics to understanding evolutionary processes; modes of speciation. Lectures, discussions.
Prereq: college algebra and 213 or 283H.

BI390. Animal Behavior. 4 Credits.
How and why animals behave, and how animal behavior is studied. Mechanisms of behavior, behavioral ecology, and sociobiology. Lectures, discussions.
Prereq: BI 213 or 283H.

BI399. Special Studies: [Topic]. 1-5 Credits.
Repeatable.
Prereq: BI 212 and 213 and 214 or BI 283H.

BI401. Research: [Topic]. 1-16 Credits.
Repeatable.

BI402. Supervised College Teaching. 1-6 Credits.
Repeatable for maximum of 9 credits.

BI403. Thesis. 1-12 Credits.
Repeatable.

BI405. Reading and Conference: [Topic]. 1-16 Credits.
Repeatable.

BI406. Field Studies: [Topic]. 1-16 Credits.
Repeatable.

BI407. Seminar: [Topic]. 1-2 Credits.
Repeatable.

BI408. Laboratory Projects: [Topic]. 1-16 Credits.
Special laboratory training in research methods. A fee may be charged for supplies and materials that become the property of the student.

BI409. Practicum: [Topic]. 1-12 Credits.
Repeatable.

BI410. Experimental Course: [Topic]. 1-16 Credits.
Repeatable.
Prereq: BI 212 and 213 and 214 or BI 283H.

BI420. Cellular Basis of Learning and Memory. 4 Credits.
The history and current state of knowledge about the cellular and molecular mechanisms of learning and memory common to simple and complex animals. Lectures, discussions.
Prereq: BI 320 or BI 322; BI 360.

BI421. Advanced Molecular Genetics Research Laboratory. 5 Credits.
Intensive multipart research project using fungus *Neurospora*; includes mutagenesis, genetic selection-screening, complementation testing, mapping, DNA purification, restriction analysis, polymerase chain reaction, Southern blotting. Five credits for BI 421, 4 credits for BI 521.
Prereq: BI 320.
Prereq: BI 320

BI422. Protein Toxins in Cell Biology. 4 Credits.
Mechanisms used by protein toxins to kill other organisms and how they have been used as molecular scalpels to dissect pathways in cell and neurobiology. Lectures, discussions.
Prereq: BI 322, BI 356, or BI 360.

BI423. Human Molecular Genetics. 4 Credits.
Advanced topics in genetics that relate to human development and disease. The human genome, sex determination, X chromosome inactivation, chromosomal abnormalities, trinucleotide repeat expansions, cancer. Lectures, discussions.
Prereq: BI 320.

BI424. Advanced Molecular Genetics. 4 Credits.
Structure and function of chromosomes with emphasis on unsolved genetic problems such as genomic imprinting, position effects, and gene silencing. Lectures, discussions.
Prereq: BI 320.

BI425. Advanced Molecular Biology Research Laboratory. 5 Credits.
Provides an intensive, structured research experience that incorporates molecular biology, genetics, and genomic methodologies. Lectures, laboratories.
Prereq: one from BI 320, BI 322, BI 328.

BI426. Genetics of Cancer. 4 Credits.
Genetic regulation of cancer. Topics include oncongenes and tumor suppressor genes, signal transduction pathways, genetic animal models, and rationale treatment design. Lectures, discussions.
Prereq: BI 320 or BI 322.

BI427. Molecular Genetics of Human Disease. 4 Credits.
Advanced discussions of heritable diseases from single-gene mutations such as cystic fibrosis to complex multigenetic diseases such as autism and schizophrenia. Lectures, discussions.
Prereq: BI 320.

BI428. Developmental Genetics. 4 Credits.
Genetic regulation of development, including investigations of molecular mechanisms and studies of developmental mutants. Topics include molecular biology of eukaryotic chromosomes, genetic mosaics, and models of gene regulation. Lectures, discussions.
Prereq: BI 320, 328.

BI432. Mycology. 5 Credits.
Physiology, ecology, structure, and classification of fungi; emphasis on structural and physiological adaptations to saprophytic, parasitic, and symbiotic modes of existence. Lectures, laboratories.
Prereq: BI 214 or 283H.

BI433. Bacterial-Host Interactions. 4 Credits.
Examines spectrum of interactions between bacteria and animals, from pathogenesis to symbiosis, focusing on the molecular and cellular bases of these interactions. Lectures, discussions.
Prereq: BI 320 or 322 or 330.

BI442. Systematic Botany. 5 Credits.
Principles of plant classification with emphasis on flowering plants, introduction to taxonomic theory and methods of biosystematics, collection and identification procedures, recognition of common families in native flora. Lectures, laboratories, field trips.
Prereq: BI 213 or 283H.

BI448. Field Botany. 4 Credits.
Intensive study of the regional flora; ecology and native uses; sight recognition of prominent species; field characteristics of principal plant families; identification using dichotomous keys. Lectures, field trips. Offered summer session only.
Prereq: BI 213 or 283H.

BI451. Invertebrate Zoology. 1-8 Credits.
Representative invertebrate groups with emphasis on marine forms; morphology, systematics, life history, and ecology. Lectures, laboratories, field trips. Offered at Oregon Institute of Marine Biology.
Prereq: BI 213 or 283H.

BI452. Insect Biology. 4 Credits.
Anatomy, physiology, systematics, and behavior of insects. Insect societies. Lectures, laboratories, field trips. Offered summer session only.
Prereq: BI 213 or 283H.

BI454. Estuarine Biology. 5 Credits.
The biological and physical factors regulating abundance, distribution, production, and biodiversity within estuaries. Includes field trips to marshes, tidal flats and exploration of estuarine habitats. Offered at Oregon Institute of Marine Biology.
Prereq: BI 213 or 283H.

BI455. Marine Birds and Mammals. 1-6 Credits.
Principles of morphology, physiology, evolution, life history, and systematics as demonstrated through study of birds and mammals of the Oregon coast. Comparison of the fauna from the open sea to coastal waters. Lectures, laboratory, field trips. Offered at Oregon Institute of Marine Biology.
Prereq: BI 213 or 283H.

BI457. Marine Biology: [Topic]. 1-8 Credits.
Content varies. Topics include comparative embryology, environmental issues, biology of fishes, and other subjects related to marine biology. Lectures, laboratories, field trips. Repeatable when topic changes. Offered at Oregon Institute of Marine Biology.
Prereq: BI 214 or 283H.

BI458. Biological Oceanography. 5 Credits.
Examines patterns of biological productivity and controlling physical and chemical mechanisms in the various environments of the world?s oceans. Lectures, laboratories, field trips. Offered at Oregon Institute of Marine Biology.
Prereq: BI 213 or 283H.

BI459. Field Ornithology. 4 Credits.
Natural history and identification of birds. Fieldwork emphasizes adaptation, behavior, breeding, distribution, migration, and ecology. Lectures, field trips. Offered summer session only.
Prereq: BI 213 or 283H.

BI461. Systems Neuroscience. 4 Credits.
Principles of organization of nervous systems with emphasis on vertebrate brain and spinal cord. Functional implications of synaptic organization and pattern of projections, and comparative aspects. Lectures, discussions.
Prereq: BI 353 or 360 or equivalent.

BI463. Cellular Neuroscience. 4 Credits.
Physiology of excitation, conduction, and synaptic transmission. Lectures, discussions.
Prereq: BI 360.

BI464. Biological Clocks. 4 Credits.
Biological time keeping at ecological, evolutionary, behavioral, physiological, neurological, and molecular levels, with emphasis on daily and seasonal rhythmicity. Senior standing in Biology or Psychology required. Lectures, discussions.
Prereq: BI 320 or 322.

BI466. Developmental Neurobiology. 4 Credits.
Mechanisms underlying development of the nervous system. The genesis of nerve cells; differentiation of neurons; synaptogenesis and neuronal specificity; plasticity, regeneration, and degeneration of nervous tissue. Lectures, discussions.
Prereq: BI 320, 328.

BI468. Amphibians and Reptiles of Oregon. 4 Credits.
Field identification and understanding of ecology, biogeography, and evolution of the common herpetofauna of four major physiographic regions of Oregon.Conservation biology issues addressed. Lectures, field trips. Offered summer session only.
Prereq: one year of college biology or BI 213 or BI 283H.

BI469. Ecological Restoration. 4 Credits.
Examines the basics of ecological restoration through restoration projects in the field and evaluation of scientific literature. Offered at Bend campus only.
Prereq: introductory ecology course.

BI471. Population Ecology. 4 Credits.
Theoretical, experimental and applied aspects of growth, structure, and regulation of natural populations; population estimation; demographic analysis; life-history theory. Lectures, discussions.
Prereq: MATH 247 or 252; BI 370.

BI472. Community Ecology. 4 Credits.
Quantitative and conceptual approaches to the study of biological communities. Biodiversity measurement. Effect of climate and climate change on ecosystem structure and function. Lectures, discussions.
Prereq: BI 370.

BI473. Quantitative Ecology. 5 Credits.
Quantitative methods applied to field analyses of pattern, dominance, community structure, and interactions. Required fieldwork.
Pre- or coreq: BI 370.

BI474. Marine Ecology. 1-8 Credits.
Factors that influence the distribution, abundance, and diversity of marine organisms. Field emphasis on local intertidal and shallow-water communities. Offered at Oregon Institute of Marine Biology.
Prereq: BI 213 or 283H.

BI476. Terrestrial Ecosystem Ecology. 4 Credits.
Flux of nutrients, carbon, water, and energy in the environment; interactions and consequences for organisms. Scale ranges from microbial to global. Lectures, discussions.
Prereq: BI 370.

BI480. Evolution of Development. 4 Credits.
Exploration of the mechanisms by which organisms evolve new developmental pathways; techniques used to discover the evolutionary history of these innovations. Lectures, discussions.
Prereq: BI 328, 355, or 380.

BI484. Molecular Evolution. 4 Credits.
General description of patterns of molecular variation within and between species, underlying mechanisms, and methods of analysis.
Prereq: BI 320 or 380.

BI485. Techniques in Computational Neuroscience. 4 Credits.
Introduction to numerical techniques for modeling the nervous system from single neurons to neutral networks. Lectures, laboratories.
Prereq: BI 360 or 461; MATH 247 or 252 or higher.

BI486. Population Genetics. 4 Credits.
Analysis of the genetic mechanisms of evolutionary change. Study of artificial and natural selection, mutation, migration, population structure, and genetic drift. Lectures, discussions.
Prereq: BI 380; MATH 247 or 252.

BI487. Molecular Phylogenetics. 4 Credits.
A critical introduction to the concepts and techniques of modern molecular phylogenetic analysis—the inference of evolutionary relationships from gene sequence data. Lectures, discussions.
Prereq: BI 380

BI488. Evolutionary Processes. 4 Credits.
Critical discussion of the ecological and evolutionary genetic processes associated with adaptation in natural populations; draws from topics in population, quantitative, and molecular genetics, molecular evolution, and statistics.
Prereq: BI 380.

BI493. Genomic Approaches and Analysis. 4 Credits.
Introduction to experimental methods and analytical techniques for studying biological questions on a genome-wide scale. Lectures, discussions.
Prereq: BI 320.

BI503. Thesis. 1-16 Credits.
Repeatable.

BI507. Seminar: [Topic]. 1-2 Credits.
Repeatable.

BI508. Laboratory Projects: [Topic]. 1-16 Credits.
Special laboratory training in research methods. A fee may be charged for supplies and materials that become the property of the student.

BI510. Experimental Course: [Topic]. 1-16 Credits.
Repeatable.

BI520. Cellular Basis of Learning and Memory. 4 Credits.
The history and current state of knowledge about the cellular and molecular mechanisms of learning and memory common to simple and complex animals. Lectures, discussions.

BI521. Advanced Molecular Genetics Research Laboratory. 4 Credits.
Intensive multipart research project using fungus *Neurospora*; includes mutagenesis, genetic selection-screening, complementation testing, mapping, DNA purification, restriction analysis, polymerase chain reaction, Southern blotting. Five credits for BI 421, 4 credits for BI 521.
Prereq: BI 320.

BI522. Protein Toxins in Cell Biology. 4 Credits.
Mechanisms used by protein toxins to kill other organisms and how they have been used as molecular scalpels to dissect pathways in cell and neurobiology. Lectures, discussions.

BI523. Human Molecular Genetics. 4 Credits.
Advanced topics in genetics that relate to human development and disease. The human genome, sex determination, X chromosome inactivation, chromosomal abnormalities, trinucleotide repeat expansions, cancer. Lectures, discussions.

BI524. Advanced Molecular Genetics. 4 Credits.
Structure and function of chromosomes with emphasis on unsolved genetic problems such as genomic imprinting, position effects, and gene silencing. Lectures, discussions.

BI525. Advanced Molecular Biology Research Laboratory. 4 Credits.
Provides an intensive, structured research experience that incorporates molecular biology, genetics, and genomic methodologies. Lectures, laboratories.

BI526. Genetics of Cancer. 4 Credits.
Genetic regulation of cancer. Topics include oncongenes and tumor suppressor genes, signal transduction pathways, genetic animal models, and rationale treatment design. Lectures, discussions.

BI527. Molecular Genetics of Human Disease. 4 Credits.
Advanced discussions of heritable diseases from single-gene mutations such as cystic fibrosis to complex multigenetic diseases such as autism and schizophrenia. Lectures, discussions.

BI528. Developmental Genetics. 4 Credits.
Genetic regulation of development, including investigations of molecular mechanisms and studies of developmental mutants. Topics include molecular biology of eukaryotic chromosomes, genetic mosaics, and models of gene regulation. Lectures, discussions.

BI532. Mycology. 5 Credits.
Physiology, ecology, structure, and classification of fungi; emphasis on structural and physiological adaptations to saprophytic, parasitic, and symbiotic modes of existence. Lectures, laboratories.

BI533. Bacterial-Host Interactions. 4 Credits.
Examines spectrum of interactions between bacteria and animals, from pathogenesis to symbiosis, focusing on the molecular and cellular bases of these interactions. Lectures, discussions.

BI542. Systematic Botany. 5 Credits.
Principles of plant classification with emphasis on flowering plants, introduction to taxonomic theory and methods of biosystematics, collection and identification procedures, recognition of common families in native flora. Lectures, laboratories, field trips.

BI548. Field Botany. 4 Credits.
Intensive study of the regional flora; ecology and native uses; sight recognition of prominent species; field characteristics of principal plant families; identification using dichotomous keys. Lectures, field trips. Offered summer session only.

BI551. Invertebrate Zoology. 1-8 Credits.
Representative invertebrate groups with emphasis on marine forms; morphology, systematics, life history, and ecology. Lectures, laboratories, field trips. Offered at Oregon Institute of Marine Biology.

BI552. Insect Biology. 4 Credits.
Anatomy, physiology, systematics, and behavior of insects. Insect societies. Lectures, laboratories, field trips. Offered summer session only.

BI554. Estuarine Biology. 5 Credits.
The biological and physical factors regulating abundance, distribution, production, and biodiversity within estuaries. Includes field trips to marshes, tidal flats and exploration of estuarine habitats. Offered at Oregon Institute of Marine Biology.

BI555. Marine Birds and Mammals. 1-6 Credits.
Principles of morphology, physiology, evolution, life history, and systematics as demonstrated through study of birds and mammals of the Oregon coast. Comparison of the fauna from the open sea to coastal waters. Lectures, laboratory, field trips. Offered at Oregon Institute of Marine Biology.

BI557. Marine Biology: [Topic]. 1-8 Credits.
Content varies. Topics include comparative embryology, environmental issues, biology of fishes, and other subjects related to marine biology. Lectures, laboratories, field trips. Repeatable when topic changes. Offered at Oregon Institute of Marine Biology.

BI558. Biological Oceanography. 5 Credits.
Examines patterns of biological productivity and controlling physical and chemical mechanisms in the various environments of the world?s oceans. Lectures, laboratories, field trips. Offered at Oregon Institute of Marine Biology.

BI559. Field Ornithology. 4 Credits.
Natural history and identification of birds. Fieldwork emphasizes adaptation, behavior, breeding, distribution, migration, and ecology. Lectures, field trips. Offered summer session only.

BI561. Systems Neuroscience. 4 Credits.
Principles of organization of nervous systems with emphasis on vertebrate brain and spinal cord. Functional implications of synaptic organization and pattern of projections, and comparative aspects. Lectures, discussions.

BI563. Cellular Neuroscience. 4 Credits.
Physiology of excitation, conduction, and synaptic transmission. Lectures, discussions.

BI564. Biological Clocks. 4 Credits.
Biological time keeping at ecological, evolutionary, behavioral, physiological, neurological, and molecular levels, with emphasis on daily and seasonal rhythmicity. Lectures, discussions.

BI566. Developmental Neurobiology. 4 Credits.
Mechanisms underlying development of the nervous system. The genesis of nerve cells; differentiation of neurons; synaptogenesis and neuronal specificity; plasticity, regeneration, and degeneration of nervous tissue. Lectures, discussions.

BI568. Amphibians and Reptiles of Oregon. 4 Credits.
Field identification and understanding of ecology, biogeography, and evolution of the common herpetofauna of four major physiographic regions of Oregon.Conservation biology issues addressed. Lectures, field trips. Offered summer session only.

BI569. Ecological Restoration. 4 Credits.
Examines the basics of ecological restoration through restoration projects in the field and evaluation of scientific literature. Offered at Bend campus only.
Prereq: introductory ecology course.

BI571. Population Ecology. 4 Credits.
Theoretical, experimental and applied aspects of growth, structure, and regulation of natural populations; population estimation; demographic analysis; life-history theory. Lectures, discussions.

BI572. Community Ecology. 4 Credits.
Quantitative and conceptual approaches to the study of biological communities. Biodiversity measurement. Effect of climate and climate change on ecosystem structure and function. Lectures, discussions.

BI573. Quantitative Ecology. 5 Credits.
Quantitative methods applied to field analyses of pattern, dominance, community structure, and interactions. Required fieldwork.

BI574. Marine Ecology. 1-8 Credits.
Factors that influence the distribution, abundance, and diversity of marine organisms. Field emphasis on local intertidal and shallow-water communities. Offered at Oregon Institute of Marine Biology.

BI576. Terrestrial Ecosystem Ecology. 4 Credits.
Flux of nutrients, carbon, water, and energy in the environment; interactions and consequences for organisms. Scale ranges from microbial to global. Lectures, discussions.

BI580. Evolution of Development. 4 Credits.
Exploration of the mechanisms by which organisms evolve new developmental pathways; techniques used to discover the evolutionary history of these innovations. Lectures, discussions.

BI584. Molecular Evolution. 4 Credits.
General description of patterns of molecular variation within and between species, underlying mechanisms, and methods of analysis.

BI585. Techniques in Computational Neuroscience. 4 Credits.
Introduction to numerical techniques for modeling the nervous system from single neurons to neutral networks. Lectures, laboratories.

BI586. Population Genetics. 4 Credits.
Analysis of the genetic mechanisms of evolutionary change. Study of artificial and natural selection, mutation, migration, population structure, and genetic drift. Lectures, discussions.

BI587. Molecular Phylogenetics. 4 Credits.
A critical introduction to the concepts and techniques of modern molecular phylogenetic analysis—the inference of evolutionary relationships from gene sequence data. Lectures, discussions.

BI588. Evolutionary Processes. 4 Credits.
Critical discussion of the ecological and evolutionary genetic processes associated with adaptation in natural populations; draws from topics in population, quantitative, and molecular genetics, molecular evolution, and statistics.

BI593. Genomic Approaches and Analysis. 4 Credits.
Introduction to experimental methods and analytical techniques for studying biological questions on a genome-wide scale. Lectures, discussions.

BI601. Research: [Topic]. 1-16 Credits.
Repeatable.

BI602. Supervised College Teaching. 1-5 Credits.
Repeatable.

BI603. Dissertation. 1-16 Credits.
Repeatable.

BI605. Reading and Conference: [Topic]. 1-16 Credits.
Repeatable.

BI606. Field Studies: [Topic]. 1-16 Credits.
Repeatable.

BI607. Seminar: [Topic]. 1-3 Credits.
Topics may include neurobiology, developmental biology, ecology colloquium, genetics, molecular biology, and neuroscience. Repeatable.

BI608. Special Topics: [Topic]. 1-5 Credits.
Lecture course devoted to advanced topics that reflect instructor's research interests. Repeatable.

BI609. Practicum: [Topic]. 1-3 Credits.
Repeatable.

BI610. Experimental Course: [Topic]. 1-5 Credits.
Repeatable.

Canadian Studies

Patricia Dewey Lambert, Committee Chair
541-346-5051
175 Prince Lucien Campbell Hall

The University of Oregon does not have a formal department of Canadian studies. However, the Canadian studies committee is active within the Oregon Consortium for International and Area Studies at the University of Oregon.

The Canadian studies committee seeks to integrate existing instructional and research activities on Canada and Canadian–United States relations and to stimulate research and course work. Through the auspices of the Canadian Publishing Centre, University of Oregon Libraries is a selected repository for Canadian federal documents.

Grant programs—available through the Academic Relations Division of the Canadian Embassy to support new course development, faculty and doctoral research, conferences, and outreach programs—have provided funds for a number of university faculty members and graduate students. Canadian studies courses enhance American students' understanding of Canada's economy, politics, culture, and social system as well as the strong ties that exist between the United States and Canada. The following courses have significant Canadian content:

Anthropology		
ANTH320	Native North Americans	4
ANTH 442/542	Northwest Coast Archaeology	4
ANTH 443/543	North American Archaeology	4
Geography		
GEOG208	Geography of the United States and Canada	4
Journalism and Communication		
J646	Political Economy of Communication	4
Law		
LAW671	International Law	2-3

Information about other courses with content on Canada is available from the committee chair or on the committee website.

Steering Committee

C. Brian Barnett, Romance languages

Gaylene Carpenter, arts and administration

Patricia Dewey Lambert, arts and administration

Michael Fakhri, law

Susan W. Hardwick, geography

Nancy Heapes, educational methodology, policy, and leadership

Madonna L. Moss, anthropology

Karen McPherson, Romance languages

Michael Malek Najjar, theater arts

Gordon M. Sayre, English

Janet Wasko, journalism and communication

Chemistry and Biochemistry

Andrew H. Marcus, Department Head
541-346-4601
541-346-4643 fax
91 Klamath Hall

The Department of Chemistry and Biochemistry offers bachelor of arts and bachelor of science degrees with majors in chemistry or biochemistry. The department enjoys a strong national reputation.

The curriculum in chemistry provides broad knowledge of the field as a part of the liberal education offered by the College of Arts and Sciences. Chemistry course work is a sound foundation for students interested in advanced work in chemistry or related sciences, particularly such fields as biochemistry, geochemistry, materials science, and molecular biology.

Faculty

Andy Berglund, professor (biochemistry). BA, 1992, Colorado, Boulder; PhD, 1997, Brandeis. (2002)

Shannon W. Boettcher, associate professor (inorganic, materials science). BA, 2003, Oregon; PhD, 2008, California, Santa Barbara. (2010)

Jeffrey A. Cina, professor (physical). BS, 1979, Wisconsin, Madison; PhD, 1985, California, Berkeley. (1995)

Victoria J. De Rose, professor (bioinorganic). BA, 1983, Chicago; PhD, 1990, California, Berkeley. (2006)

Kenneth M. Doxsee, professor (organic, materials science). BS, 1978, MS, 1979, Stanford; PhD, 1983, California Institute of Technology. (1989)

Paul C. Engelking, professor (physical). BS, 1971, California Institute of Technology; MPhil, 1974, PhD, 1976, Yale. (1978)

Deborah B. Exton, senior instructor. BS, 1987, Metropolitan State College of Denver; PhD, 1992, Denver. (1993)

Marina G. Guenza, professor (physical). Laurea, 1985, Università degli Studi di Genova; PhD, 1989, degree granted by consortium of universities of Torino, Genova, and Pavia. (1998)

Julie A. Haack, senior instructor. BS, 1986, Oregon; PhD, 1991, Utah. (2000)

Michael M. Haley, Richard M. and Patricia H. Noyes Professor of Chemistry (organic, materials science). BA, 1987, PhD, 1991, Rice. (1993)

Diane K. Hawley, professor (biochemistry). BA, 1976, Kansas; PhD, 1982, Harvard. (1986)

James E. Hutchison, Lokey-Harrington Chair in the Department of Chemistry; professor (organic, materials science). BS, 1986, Oregon; PhD, 1991, Stanford. (1994)

Darren W. Johnson, professor (organic). BS, 1996, Texas, Austin; PhD, 2000, California, Berkeley. (2003)

David C. Johnson, Rosaria P. Haugland Foundation Chair in Pure and Applied Chemistry; professor (inorganic, materials science). BA, 1978, Rutgers; MS, 1980, PhD, 1983, Cornell. (1986)

Michael E. Kellman, professor (physical). BS, 1971, California, Berkeley; PhD, 1977, Chicago. (1989)

Michael Koscho, instructor (organic). BS, 1993, Purdue; PhD, 1999, Illinois, Urbana-Champaign. (2006)

Mark Lonergan, professor (physical, materials science); director, Materials Science Institute. BS, 1990, Oregon; PhD, 1994, Northwestern. (1996)

Andrew H. Marcus, professor (physical, materials science). BA, 1987, California, San Diego; PhD, 1993, Stanford. (1996)

George V. Nazin, assistant professor (physical). MS, 1999, Moscow Institute of Physics and Technology; PhD, 2007, California, Irvine. (2010)

Brad J. Nolen, associate professor (biochemistry). BA, 1997, Missouri State; PhD, 2003, California, San Diego. (2008)

Catherine J. Page, associate professor (inorganic, materials science). BA, 1980, Oberlin; PhD, 1984, Cornell. (1986)

Michael D. Pluth, assistant professor (organic). BS, 2004, Oregon; PhD, 2008, California, Berkeley. (2011)

Kenneth E. Prehoda, professor (biochemistry). BA, 1991, California State, Sacramento; PhD, 1997, Wisconsin, Madison. (2001)

Geraldine L. Richmond, Presidential Chair in Science; professor (physical, materials science). BS, 1975, Kansas State; PhD, 1980, California, Berkeley. (1985)

Tom H. Stevens, College of Arts and Sciences Distinguished Professor; Philip H. Knight Professor (biochemistry). BA, 1974, MS, 1976, San Francisco State; PhD, 1980, California Institute of Technology. (1982)

David R. "Randy" Sullivan, senior instructor. BS, 1982, MS, 1989, North Texas. (2001)

David R. Tyler, Charles J. and M. Monteith Jacobs Professor of Chemistry (inorganic, materials science). BS, 1975, Purdue; PhD, 1979, California Institute of Technology. (1985)

Gregory M. Williams, senior professor. BS, 1977, California, Los Angeles; PhD, 1981, Princeton. (2001)

Special Staff

John Hardwick, courtesy senior instructor and senior research associate (molecular physics). AB, 1966, Princeton; PhD, 1972, Georgia Institute of Technology. (1985)

Emeriti

Ralph J. Barnhard, senior instructor emeritus. BS, 1959, Otterbein; MS, 1965, Oregon. (1966)

Bruce P. Branchaud, professor emeritus. BS, 1976, Massachusetts; MA, 1981, Dartmouth; PhD, 1981, Harvard. (1983)

Frederick W. Dahlquist, professor emeritus. BA, 1964, Wabash; PhD, 1969, California Institute of Technology. (1971)

Thomas R. Dyke, professor emeritus. BA, 1966, Wooster; PhD, 1972, Harvard. (1974)

O. Hayes Griffith, professor emeritus. AB, 1960, California, Riverside; PhD, 1964, California Institute of Technology. (1965)

David R. Herrick, professor emeritus. BS, 1969, Rochester; MS, 1971, PhD, 1973, Yale. (1975)

John F. W. Keana, professor emeritus. BA, 1961, Kalamazoo; PhD, 1965, Stanford. (1965)

James W. Long, senior instructor emeritus. BS, 1965, Washington (Seattle); PhD, 1969, California, Berkeley. (1978)

Robert M. Mazo, professor emeritus. AB, 1952, Harvard; MS, 1953, PhD, 1955, Yale. (1962)

John A. Schellman, professor emeritus. AB, 1948, Temple; MA, 1949, PhD, 1951, Princeton. (1958)

Peter H. von Hippel, professor emeritus. BS, 1952, MS, 1953, PhD, 1955, Massachusetts Institute of Technology. (1967)

Raymond G. Wolfe Jr., professor emeritus. AB, 1942, MA, 1948, PhD, 1955, California, Berkeley. (1956)

The date in parentheses at the end of each entry is the first year on the University of Oregon faculty.

- **Bachelor of Arts in Chemistry**
- **Bachelor of Arts in Biochemistry**
- **Bachelor of Science in Chemistry**
- **Bachelor of Science in Biochemistry**
- **Chemistry Minor**
- **Biochemistry Minor**

Undergraduate Studies

One strength of the program is the opportunity undergraduates have to participate in the activities of a dynamic research group that considers problems extending well beyond textbook instruction. Major and nonmajor students alike can enjoy this experience of scientific inquiry. One to two years of preparatory course work typically precede the research experience. The department enrolls twenty to thirty undergraduate students each term in CH401 Research: [Topic].

Preparation

The high school preparation of a prospective chemistry major should include chemistry, physics, and a minimum of three years of mathematics. Those interested in biochemistry would also profit from biology courses in high school.

Two-year college students planning to transfer to the university to major in chemistry should prepare by taking courses equivalent to those outlined for the freshman and sophomore years.

The department offers two general-chemistry sequences, both of which lead to organic chemistry, the second-year sequence in chemistry.

General Chemistry Sequence Options		
CH221–223	General Chemistry	12
CH224H–226H	Honors General Chemistry	12

Each sequence covers the fundamentals of chemistry but uses a different approach and a textbook tailored to suit a student's background in high school chemistry and mathematics.

Careers

Career opportunities for chemists are available in education, government, and industry (see the annual October issue of Chemical and Engineering News). A bachelor's degree in chemistry provides a good background for advanced study in such fields as

- atmospheric science
- biochemistry
- biology
- environmental sciences
- forensic science
- geochemistry
- geological sciences
- pharmacy
- pharmacology
- physiology
- materials science
- medicine
- medicinal chemistry
- metallurgy
- molecular biology
- neuroscience
- oceanography

Chemists also find jobs in science writing, public relations, personnel, plant production, sales, management, safety management, market research, patent law, and financial analysis. The alumni newsletter, Chemistry News, has examples of careers UO majors have chosen. Follow the links on the department's website.

Chemistry Major

The program described below is the recommended curriculum for chemistry majors. It includes courses in chemistry and related fields. Courses taken to satisfy major requirements must be passed with grades of C– or better. Variations in courses and order may be worked out in consultation with an advisor. Advisors can also provide lists of substitute courses and courses that are recommended but not required.

Students are encouraged to participate in CH401 Research: [Topic].

Bachelor of Arts Degree Requirements in Chemistry

CH224H–226H	Honors General Chemistry	12
orCH221–223	General Chemistry	
CH227–229	General Chemistry Laboratory	6
orCH237–239	Advanced General Chemistry Laboratory	

CH341–343	Majors Track Organic Chemistry I-III	12
CH337	Organic Chemistry Laboratory	3
CH348–349	Organic Chemistry Lab for Majors	8
CH411–413	Physical Chemistry	12
CH417–419	Physical Chemistry Laboratory	12
Advanced Electives (see Advanced Electives table)		9-12
CH429	Instrumental Analysis	5
Total Credits		**79-82**

Related Science Requirements

MATH251–253	Calculus I-III	12
MATH256 &MATH281	Introduction to Differential Equations and Several-Variable Calculus I	8
PHYS251–253	Foundations of Physics I	12
orPHYS201–203	General Physics	
PHYS290	Foundations of Physics Laboratory (three terms)	3-6
orPHYS204–206	Introductory Physics Laboratory	
Total Credits		**35-38**

Advanced Electives

Advanced electives (e.g., three courses or 9 credits of research or one course and 6 credits of research) chosen from the following: [1]		9-12
CH401	Research: [Topic]	
CH420	Physical Organic Chemistry I	
CH421	Physical Organic Chemistry II	
CH431	Inorganic Chemistry	
CH432	Inorganic Chemistry	
CH433	Inorganic Chemistry	
CH441	Quantum Chemistry	
CH442	Quantum Chemistry and Spectroscopy	
CH443	Quantum Chemistry and Spectroscopy	
CH444	Chemical Thermodynamics	
CH445	Statistical Mechanics	
CH446	Chemical Kinetics: [Topic]	
CH447	Computational Chemistry	
CH452	Advanced Organic Chemistry—Stereochemistry and Reactions	
CH461	Biochemistry	
CH462	Biochemistry	
CH463	Biochemistry	
CH464	RNA Biochemistry	
CH465	Physical Biochemistry	
CH467	Biochemistry Laboratory	
GEOL471	Thermodynamic Geochemistry	
GEOL472	Aqueous-Mineral-Gas Equilibria	
GEOL473	Isotope Geochemistry	
PHYS412–413	Mechanics, Electricity, and Magnetism	
PHYS414–415	Quantum Physics	
Total Credits		**9-12**

[1] Other courses may be included with advisor approval.

Sample Program for Chemistry Majors

First Year		**Credits**
CH224H–226H or 221-223	Honors General Chemistry	12
CH227–229 or 237-239	General Chemistry Laboratory	6
MATH251–253	Calculus I-III	12
Select one of the following:		8
WR121 &WR122	College Composition I	8
WR121 &WR123	College Composition I	8
Electives (general-education, group-satisfying courses)		8-12
Second Year		
CH341–343	Majors Track Organic Chemistry I-III	12
CH337	Organic Chemistry Laboratory	3
CH348	Organic Chemistry Laboratory for Majors	4
CH349	Organic Chemistry Lab for Majors	4
MATH256	Introduction to Differential Equations	4
MATH281	Several-Variable Calculus I	4
PHYS251–253 or 201-203	Foundations of Physics I	12
PHYS290 or 204-206	Foundations of Physics Laboratory	3-6
Electives (general-education, group-satisfying courses)		8-12
Third Year		
Advanced electives (see above) and/or CH 401 Research: [Topic]		8-12
CH411–413	Physical Chemistry	12
CH417–419	Physical Chemistry Laboratory	12
Electives		8-12
Fourth Year		
Advanced electives (see above) and/or CH 401 Research: [Topic]		8-12
CH429	Instrumental Analysis	5
Electives		18
	Total Credits:	**171-194**

Bachelor of Science Degree Requirements in Chemistry

CH224H–226H	Honors General Chemistry	12
orCH221–223	General Chemistry	
CH227–229	General Chemistry Laboratory	6
orCH237–239	Advanced General Chemistry Laboratory	
CH341–343	Majors Track Organic Chemistry I-III	12
CH337	Organic Chemistry Laboratory	3
CH348–349	Organic Chemistry Lab for Majors	8
CH411–413	Physical Chemistry	12
CH417–419	Physical Chemistry Laboratory	12
Advanced Electives (see Advanced Electives table)		9-12
CH429	Instrumental Analysis	5
Total Credits		**79-82**

Related Science Requirements

MATH251–253	Calculus I-III	12
MATH256 &MATH281	Introduction to Differential Equations and Several-Variable Calculus I	8
PHYS251–253	Foundations of Physics I	12
orPHYS201–203	General Physics	
PHYS290	Foundations of Physics Laboratory (three terms)	3-6
orPHYS204–206	Introductory Physics Laboratory	
Total Credits		**35-38**

Advanced Electives

Advanced electives (e.g., three courses or 9 credits of research or one course and 6 credits of research) chosen from the following: [1]		9-12
CH401	Research: [Topic]	
CH420	Physical Organic Chemistry I	
CH421	Physical Organic Chemistry II	
CH431	Inorganic Chemistry	
CH432	Inorganic Chemistry	
CH433	Inorganic Chemistry	
CH441	Quantum Chemistry	
CH442	Quantum Chemistry and Spectroscopy	
CH443	Quantum Chemistry and Spectroscopy	
CH444	Chemical Thermodynamics	
CH445	Statistical Mechanics	
CH446	Chemical Kinetics: [Topic]	
CH447	Computational Chemistry	
CH452	Advanced Organic Chemistry—Stereochemistry and Reactions	
CH461	Biochemistry	
CH462	Biochemistry	
CH463	Biochemistry	
CH464	RNA Biochemistry	
CH465	Physical Biochemistry	
CH467	Biochemistry Laboratory	
GEOL471	Thermodynamic Geochemistry	
GEOL472	Aqueous-Mineral-Gas Equilibria	
GEOL473	Isotope Geochemistry	
PHYS412–413	Mechanics, Electricity, and Magnetism	
PHYS414–415	Quantum Physics	
Total Credits		**9-12**

[1] Other courses may be included with advisor approval.

Sample Program for Chemistry Majors

First Year		**Credits**
CH224H–226H or 221-223	Honors General Chemistry	12
CH227–229 or 237-239	General Chemistry Laboratory	6
MATH251–253	Calculus I-III	12
Select one of the following:		8
WR121 &WR122	College Composition I	8
WR121 &WR123	College Composition I	8
Electives (general-education, group-satisfying courses)		8-12
Second Year		
CH341–343	Majors Track Organic Chemistry I-III	12
CH337	Organic Chemistry Laboratory	3
CH348	Organic Chemistry Laboratory for Majors	4
CH349	Organic Chemistry Lab for Majors	4
MATH256	Introduction to Differential Equations	4
MATH281	Several-Variable Calculus I	4
PHYS251–253 or 201-203	Foundations of Physics I	12
PHYS290 or 204-206	Foundations of Physics Laboratory	3-6
Electives (general-education, group-satisfying courses)		8-12
Third Year		
Advanced electives (see above) and/or CH 401 Research: [Topic]		8-12
CH411–413	Physical Chemistry	12
CH417–419	Physical Chemistry Laboratory	12
Electives		8-12
Fourth Year		

Advanced electives (see above) and/or CH 401 Research: [Topic]		8-12
CH429	Instrumental Analysis	5
Electives		18
	Total Credits:	**171-194**

Biochemistry Major

Many undergraduate students who are interested in advanced study using molecular approaches to biological problems (e.g., biochemistry, molecular biology, neurochemistry, physical biochemistry, or perhaps medical research) may want to include courses in biologically based subjects. For these students, the Department of Chemistry offers a biochemistry major.

Courses taken to satisfy major requirements must be passed with grades of C– or better. Variations in courses and order may be worked out in consultation with an advisor.

Students who plan to attend graduate school should include research in their advanced work. If chemical research is included as part of the advanced work, at least 6 credits of CH401 Research: [Topic] must be completed. Students who plan to apply to medical schools should investigate the need for a physics laboratory course that is not included in this curriculum.

Bachelor of Arts Degree Requirements in Biochemistry

CH224H–226H	Honors General Chemistry	12
orCH221–223	General Chemistry	
CH227–229	General Chemistry Laboratory	6
orCH237–239	Advanced General Chemistry Laboratory	
CH337	Organic Chemistry Laboratory	3
CH341–343	Majors Track Organic Chemistry I-III	12
CH348	Organic Chemistry Laboratory for Majors	4
CH411–412	Physical Chemistry	8
CH461–463	Biochemistry	12
CH467	Biochemistry Laboratory	4
Total Credits		**61**

Related Science Requirements

MATH251–253	Calculus I-III	12
PHYS201–203	General Physics	12
orPHYS251–253	Foundations of Physics I	
BI281H–282H	Honors Biology I-II	10
BI320	Molecular Genetics	4
Total Credits		**38**

Physical Laboratory Requirement

Select one of the following:		3-8
PHYS204–206	Introductory Physics Laboratory	
PHYS290	Foundations of Physics Laboratory (three terms)	
CH417	Physical Chemistry Laboratory	
CH418	Physical Chemistry Laboratory	
Total Credits		**3-8**

Advanced Laboratory Requirements

Select one of the following:		4-6
Any 400-level chemistry laboratory course		
CH401	Research: [Topic] (three terms) [1]	
Total Credits		**4-6**

Advanced Electives

Five approved 400-level courses in chemistry, biology, and physics. Students may use one approved 300-level biology course (BI 321, 322, 328, or 360) as one of the five advanced electives. [2]		21-21
CH413	Physical Chemistry	
CH417	Physical Chemistry Laboratory	
CH418	Physical Chemistry Laboratory	
CH419	Physical Chemistry Laboratory	
CH420	Physical Organic Chemistry I	
CH421	Physical Organic Chemistry II	
CH429	Instrumental Analysis	
CH431	Inorganic Chemistry	
CH432	Inorganic Chemistry	
CH433	Inorganic Chemistry	
CH437		
CH441	Quantum Chemistry	
CH442	Quantum Chemistry and Spectroscopy	
CH443	Quantum Chemistry and Spectroscopy	
CH444	Chemical Thermodynamics	
CH445	Statistical Mechanics	
CH446	Chemical Kinetics: [Topic]	
CH447	Computational Chemistry	
CH452	Advanced Organic Chemistry—Stereochemistry and Reactions	
CH464	RNA Biochemistry	
CH465	Physical Biochemistry	
BI321		
BI322	Cell Biology	
BI328	Developmental Biology	
BI360	Neurobiology	
BI422	Protein Toxins in Cell Biology	
BI423	Human Molecular Genetics	
BI424	Advanced Molecular Genetics	
BI426	Genetics of Cancer	
BI428	Developmental Genetics	
BI433	Bacterial-Host Interactions	
BI461	Systems Neuroscience	
BI463	Cellular Neuroscience	
BI466	Developmental Neurobiology	
BI480	Evolution of Development	
BI484	Molecular Evolution	
BI487	Molecular Phylogenetics	

BI493	Genomic Approaches and Analysis	
Total Credits		**20-21**

1 Advisor approval and a written report are required for Research.

2 See advisor for complete list. Courses used to satisfy the physical and advanced laboratory requirements cannot also be used as an advanced elective.

Sample Program for Biochemistry Majors

First Year		**Credits**
CH224H–226H or 221-223	Honors General Chemistry	12
CH227–229 or 237-239	General Chemistry Laboratory	6
WR121 &WR123	College Composition I	8
MATH251–253	Calculus I-III	12
Electives (general-education, group-satisfying courses)		8-12
Second Year		
BI281H–282H	Honors Biology I-II	10
BI320	Molecular Genetics	4
CH341–343	Majors Track Organic Chemistry I-III	12
CH337	Organic Chemistry Laboratory	3
CH348	Organic Chemistry Laboratory for Majors	4
Electives (general-education, group-satisfying courses)		8-12
Third Year		
CH461–463	Biochemistry	12
CH467	Biochemistry Laboratory	4
PHYS201–203	General Physics	12
PHYS204–206	Introductory Physics Laboratory	6
General-education electives and advanced chemistry-biology electives		8-12
Fourth Year		
CH411–412	Physical Chemistry	8
CH401	Research: [Topic] (or advanced laboratory)	4-6
General-education electives and advanced chemistry-biology electives		21-28
	Total Credits:	**161-183**

Bachelor of Science Degree Requirements in Biochemistry

CH224H–226H	Honors General Chemistry	12
orCH221–223	General Chemistry	
CH227–229	General Chemistry Laboratory	6
orCH237–239	Advanced General Chemistry Laboratory	
CH337	Organic Chemistry Laboratory	3
CH341–343	Majors Track Organic Chemistry I-III	12
CH348	Organic Chemistry Laboratory for Majors	4
CH411–412	Physical Chemistry	8
CH461–463	Biochemistry	12
CH467	Biochemistry Laboratory	4
Total Credits		**61**

Related Science Requirements

MATH251–253	Calculus I-III	12
PHYS201–203	General Physics	12
orPHYS251–253	Foundations of Physics I	
BI281H–282H	Honors Biology I-II	10
BI320	Molecular Genetics	4
Total Credits		**38**

Physical Laboratory Requirement

Select one of the following:		3-8
PHYS204–206	Introductory Physics Laboratory	
PHYS290	Foundations of Physics Laboratory (three terms)	
CH417	Physical Chemistry Laboratory	
CH418	Physical Chemistry Laboratory	
Total Credits		**3-8**

Advanced Laboratory Requirements

Select one of the following:		4-6
Any 400-level chemistry laboratory course		
CH401	Research: [Topic] (three terms) [1]	
Total Credits		**4-6**

Advanced Electives

Five approved 400-level courses in chemistry, biology, and physics. Students may use one approved 300-level biology course (BI 321, 322, 328, or 360) as one of the five advanced electives. [2]		21-21
CH413	Physical Chemistry	
CH417	Physical Chemistry Laboratory	
CH418	Physical Chemistry Laboratory	
CH419	Physical Chemistry Laboratory	
CH420	Physical Organic Chemistry I	
CH421	Physical Organic Chemistry II	
CH429	Instrumental Analysis	
CH431	Inorganic Chemistry	
CH432	Inorganic Chemistry	
CH433	Inorganic Chemistry	

CH437		
CH441	Quantum Chemistry	
CH442	Quantum Chemistry and Spectroscopy	
CH443	Quantum Chemistry and Spectroscopy	
CH444	Chemical Thermodynamics	
CH445	Statistical Mechanics	
CH446	Chemical Kinetics: [Topic]	
CH447	Computational Chemistry	
CH452	Advanced Organic Chemistry—Stereochemistry and Reactions	
CH464	RNA Biochemistry	
CH465	Physical Biochemistry	
BI321		
BI322	Cell Biology	
BI328	Developmental Biology	
BI360	Neurobiology	
BI422	Protein Toxins in Cell Biology	
BI423	Human Molecular Genetics	
BI424	Advanced Molecular Genetics	
BI426	Genetics of Cancer	
BI428	Developmental Genetics	
BI433	Bacterial-Host Interactions	
BI461	Systems Neuroscience	
BI463	Cellular Neuroscience	
BI466	Developmental Neurobiology	
BI480	Evolution of Development	
BI484	Molecular Evolution	
BI487	Molecular Phylogenetics	
BI493	Genomic Approaches and Analysis	
Total Credits		**20-21**

1 Advisor approval and a written report are required for Research.

2 See advisor for complete list. Courses used to satisfy the physical and advanced laboratory requirements cannot also be used as an advanced elective.

Sample Program for Biochemistry Majors

First Year		**Credits**
CH224H–226H or 221-223	Honors General Chemistry	12
CH227–229 or 237-239	General Chemistry Laboratory	6
WR121 &WR123	College Composition I	8
MATH251–253	Calculus I-III	12
Electives (general-education, group-satisfying courses)		8-12
Second Year		
BI281H–282H	Honors Biology I-II	10
BI320	Molecular Genetics	4
CH341–343	Majors Track Organic Chemistry I-III	12
CH337	Organic Chemistry Laboratory	3
CH348	Organic Chemistry Laboratory for Majors	4
Electives (general-education, group-satisfying courses)		8-12
Third Year		
CH461–463	Biochemistry	12
CH467	Biochemistry Laboratory	4
PHYS201–203	General Physics	12
PHYS204–206	Introductory Physics Laboratory	6
General-education electives and advanced chemistry-biology electives		8-12
Fourth Year		
CH411–412	Physical Chemistry	8
CH401	Research: [Topic] (or advanced laboratory)	4-6
General-education electives and advanced chemistry-biology electives		21-28
	Total Credits:	**161-183**

Honors Program

The criteria used for the selection of students who graduate with departmental honors in chemistry or biochemistry are as follows:

1. Grade point average (GPA) of at least 3.50 in all graded courses
2. Suitable accomplishment in undergraduate chemical or related research. Specifically, the student must pursue a research problem for one academic year or longer and be recommended as worthy of honors by the faculty supervisor. Positive accomplishment and publishable results are expected but not required
3. Endorsement for a major with honors by a member of the university faculty
4. Completion of all course requirements for the BS degree in chemistry. Waivers or substitutions allowed with the chemistry faculty's approval

Chemistry Minor

A minor in chemistry may be designed from course work in general chemistry, including the laboratory sequence, and at least four additional upper-division courses. University requirements for the minor include a total of 24 credits in chemistry, 15 of which must be in upper-division courses and 12 of which must be completed at the University of Oregon. All courses for the minor must be completed with grades of C– or better. Credits earned in CH407 Seminar: [Topic], CH405 Reading and Conference: [Topic], and CH409 Special Laboratory Problems may not be applied as required course work for the minor.

Biochemistry Minor

Lower Division		
General chemistry sequence		12
General chemistry laboratories		6
Upper Division		
CH331 &CH335	Organic Chemistry I and Organic Chemistry II	8
CH461 &CH462	Biochemistry and Biochemistry	8
CH463	Biochemistry	4
orCH467	Biochemistry Laboratory	
Total Credits		**38**

Other courses may be submitted for consideration and approval by the department. At least 12credits for the biochemistry minor must be completed at the University of Oregon. All courses applied to the minor must be completed with grades of C– or better. Credits earned in CH407 Seminar: [Topic], CH405 Reading and Conference: [Topic], and CH409 Special Laboratory Problems may not be applied to required course work for the biochemistry minor.

Academic Minors for Chemistry Majors

A carefully chosen minor can complement and enhance undergraduate study in chemistry. Following is a selection of academic minors that chemistry majors might want to consider

- biology
- business administration
- computer and information science
- economics
- environmental studies
- geological sciences
- human physiology
- mathematics
- physics

Kindergarten through Secondary Teaching Careers

Students who complete the BA or BS degree with a major in chemistry or biochemistry are eligible to apply for the College of Education's fifth-year licensure program in middle-secondary teaching or the fifth-year licensure program to become an elementary teacher. More information is available from the department's K–12 education advisors, Catherine Page and Julie Haack; see also the **College of Education** section of this catalog.

Graduate Studies

Graduate work in chemistry is a research-oriented PhD program with options in

- biochemistry and molecular biology
- biophysics
- bioorganic and medicinal chemistry
- environmental chemistry
- inorganic and organometallic chemistry
- materials chemistry
- optics and spectroscopy
- organic synthesis
- polymer chemistry
- physical chemistry
- solid-state chemistry
- statistical mechanics of liquids and complex fluids
- surfaces and interfaces
- theoretical chemical physics

Master of science (MS) and master of arts (MA) degrees are also offered.

A strength of the University of Oregon program is its interdisciplinary approach to research and teaching. Many important advances in chemistry occur at the junctions of classically defined divisions of science. Collaborative interaction between these divisions is fostered through interdisciplinary research institutes. Chemical scientists may be interested in the Institute of Molecular Biology, the Institute of Theoretical Science, the Materials Science Institute, the Oregon Center for Optics, and the programs in cell biology and in molecular synthesis, structure, and dynamics.

First-year students are offered financial assistance through graduate teaching fellowships (GTFs). Research assistantships are typically available for students with advanced standing. These research appointments are funded through grants to the university by federal agencies and private (industrial) sources for support of the basic research programs in the department. Students are selected for these positions based on their interest in a particular research area and by mutual agreement of the student and the faculty member directing the work.

An illustrated publication, University of Oregon Doctoral Program in Chemistry, may be requested from the department. The booklet presents information about the program, facilities, financial support, faculty members and their individual research interests, housing, and the local environment. People who request the booklet also receive information about admission and application forms for admission and graduate teaching fellowships.

Biochemistry, Molecular Biology, Cell Biology

One of the most active areas of research is the study of the molecular bases of cell function, including synthesis of macromolecules, regulation of gene expression, development, cell movement, and the structure and function of biological membranes. Research in these areas has been fostered by close collaboration among biologists, chemists, and physicists. The interdisciplinary nature of these programs has been greatly strengthened by the Institute of Molecular Biology and the program in cell biology. Eight members of the chemistry department are affiliated with these programs. Entering graduate students are in an excellent position to take advantage of the molecular-oriented avenues to study biological problems.

Biophysical Chemistry

Biophysical chemistry provides close collaboration and educational interaction among faculty members and students. Research groups that are developing and applying physical methods work closely with molecular and cellular biologists, neurobiologists, biochemists, and synthetic organic chemists. Most of the research programs in biophysical chemistry are interdisciplinary.

Another area of general interest is the nature of the excited electronic states of biopolymer components. This includes the use of the optical properties of biopolymers, such as their circular dichroism, as a probe of their conformational state; the relationship of excited state conformation changes to their resonance Raman spectra; and a fundamental interest in the nature of excited states.

Materials Science

The discipline of materials science seeks to understand the structures, properties, and structure-property relationships of condensed phase materials. It is by nature interdisciplinary, combining expertise from the fields of chemistry, physics, geology, and molecular biology. Most areas of chemistry can make an important contribution to materials science in the synthesis and characterization of various materials. Here the word materials generally means bulk crystalline solids but also includes low-dimensional materials such as thin solid films or nanoscopic "wires" as well as amorphous solids and some aspects of liquids. Much of the excitement of the research in this area derives from the discovery and the improved understanding of new materials that have potential technological applications.

The Materials Science Institute was created to foster collaboration among the materials-oriented research groups at the University of Oregon. Members of the institute are active in the study of the structure, reactivity, and thermodynamics of materials in addition to the characterization of their electronic, magnetic, and optical properties. The chemistry and physics departments, dominant members of the institute, offer courses and seminars on the chemistry and physics of materials to foster the educational and research aspects of materials science. The list of active research topics includes the application of novel synthetic strategies toward the preparation of metastable phases (including the use of thin-film superlattice composites, sol-gel synthesis, self-assembly, and electron beam lithography), ultra-high vacuum surface science, laser-induced dynamics at surfaces, nonlinear optics of interfaces, characterization of electronic materials and devices, studies on the properties of amorphous and glassy materials, quantum size effects and fundamental limits of microelectronic devices, scanning force and scanning tunneling microscopy of modified surfaces and biological molecules, and electron transport across protein assemblies and biotechnological materials. Sharing of facilities and expertise among the various research groups is an important and valued aspect of the Materials Science Institute. Collaboration between institute members and industrial and national research laboratories is also an important dimension of the program. See also Materials Science Institute in the **Research Institutes and Centers** section of this catalog.

Organic, Bioorganic, Inorganic, Organometallic, and Materials Chemistry

The synthesis of new chemical substances and the study of their fundamental chemical and physical properties is at the heart of organic, bioorganic, organometallic, inorganic, and materials chemistry. Research and teaching in these traditionally distinct subareas is unified through a single, cohesive organic-inorganic area in the chemistry department.

Undergraduate students, graduate students, and postdoctoral researchers in organic-inorganic chemistry enjoy an especially broad education emphasizing the fundamental aspects of chemical synthesis, structural characterization, and mechanisms of chemical reactions and processes. Formal course work is organized around these interdisciplinary themes. Many research projects are interdisciplinary.

Weekly organic-inorganic seminars cover recent advances in organic, organometallic, inorganic, and materials research. Of foremost importance is the contiguous location of research laboratories. This proximity results in an open and active atmosphere that encourages spontaneous discussions of day-to-day research activities and problems, providing a chemical education unsurpassed by any textbook or formal course.

Organic-inorganic researchers have direct access to state-of-the-art instrumentation in the shared organic-inorganic instrumentation facility adjoining the research laboratories. Most faculty members in this area have varied research interests and expertise. Collaboration with researchers working in physics, materials science, biochemistry, and medicinal chemistry enhances the program.

Physical Chemistry

Physical chemistry focuses on understanding the physical basis of chemical phenomena. This goal is pursued through the concerted efforts of experimentalists and theorists. While experimentalists design and carry out laboratory investigations of chemical systems, theorists conceive and develop theoretical tools to explain and predict system properties. Ultimately, physical chemistry is about understanding the mysteries of chemical phenomena at a deep, fundamental level. The discipline draws from and contributes to many areas of chemistry, physics, biology, materials science, engineering, and mathematics.

At the University of Oregon, research in physical chemistry focuses on a variety of topics.

Experimental spectroscopy includes pulsed laser techniques to probe the molecular structure at wet interfaces; the development of new optical techniques to study the motions of intracellular species and macromolecules in liquids; and novel ultrafast, nonlinear spectroscopic methods to study the dynamics of excited states in molecules.

On the theoretical front, topics of interest include dynamics of highly excited molecules using quantum and semiclassical techniques, the development of a formal description of wave-packet interferometry, elucidation of molecular structure through theoretical studies of electronic potential energy surfaces, and theoretical statistical mechanics and simulation.

Much work at Oregon combines frontier experimental and theoretical approaches in tandem on particular topics. Theoretical and experimental studies in statistical mechanics concentrate on soft condensed matter and complex fluids. Another focus is quantum control using coherent and ultrafast laser pulses, pursued along both experimental and theoretical lines.

The physics of chemical systems at interfaces includes spectroscopic studies of organic, inorganic, and biomolecules at surfaces and interfaces as well as electrochemical and electrical investigations of charge transfer at molecular or nanoparticle-based semiconducting interfaces.

The research on semiconductor interfaces aims at identifying and controlling novel systems that enhance or mimic the behavior of conventional semiconductor interfaces.

Industrial Internships for Master’s Degrees in Chemistry

These internships, sponsored by the Materials Science Institute, are described in the Research Centers and Institutes (p. 712) section of this

catalog. Information and application materials are available through the institute.

Courses

CH111. Introduction to Chemical Principles. 4 Credits.
Chemical concepts for students in health care, biological applications, and environmental studies. Topics include atomic structure, solutions, acids, bases, stoichiometry, equilibrium, biomolecules, and organic functional groups. Lecture, demonstration.
Prereq: MATH 095.

CH113. The Chemistry of Sustainability. 4 Credits.
Illustrates how chemistry provides innovative materials, processes, and consumer products that support sustainable solutions related to energy utilization, global warming and pollution prevention.
Prereq: Math 095 or higher; high school chemistry.

CH114. Green Product Design. 4 Credits.
Illustrates how green chemistry, product design, advertising, and sustainable business practices are used to design greener consumer products and accelerate their adoption in the market.

CH140M. Science, Policy, and Biology. 4 Credits.
Explores biology behind topical issues such as stem cells, cloning, genetically modified organisms, gene therapy, and how policy decisions affect related research. Multilisted with BI 140M.

CH157M. Information, Quantum Mechanics, and DNA. 4 Credits.
A non-science major's introduction to the physical and chemical concepts explaining how information is stored in and transmitted by physical objects and molecules, including DNA. Multilisted with PHYS 157M.

CH196. Field Studies: [Topic]. 1-2 Credits.
Repeatable.

CH198. Workshop: [Topic]. 1-2 Credits.
Repeatable.

CH199. Special Studies: [Topic]. 1-5 Credits.
Repeatable.

CH221. General Chemistry. 4 Credits.
First term of the three-term university chemistry sequence: components of matter, quantitative relationships, atomic structure, thermochemistry, and major classes of chemical reactionsof the elements. Lectures. Students cannot receive credit for both CH 221 and 224H.
Prereq: high school chemistry; pre- or coreq: MATH 111. Concurrent CH 227 or 237 recommended.

CH222. General Chemistry. 4 Credits.
Second term of the three-term university chemistry sequence: molecular structure, chemical bonding, gases and kinetic molecular theory, intermolecular forces, solutions and kinetics.Lectures. Students cannot receive credit for both CH 222 and 225H.
Prereq: CH221 or 224H; pre- or coreq: MATH 112. Concurrent CH 228 or 238 recommended.

CH223. General Chemistry. 4 Credits.
Third term of the three-term university chemistry sequence: thermodynamics, equilibrium, electrochemistry, nuclear chemistry. Lectures. Students cannot receive credit for both CH 223 and 226H.
Prereq: CH 222 or 225H and MATH 112. Concurrent CH 229 or 239 recommended.

CH224H. Honors General Chemistry. 4 Credits.
First-year university chemistry for students with excellent backgrounds in high school chemistry, physics, and mathematics. Chemical structure, reactions, stoichiometry, thermochemistry, and an introduction to quantum chemistry. Students cannot receive credit for both CH 221 and CH 224H.
Prereq: high school chemistry; MATH 112 or equivalent; pre- or coreq: MATH241 or 246 or 251 or 261. Concurrent CH 237 recommended.

CH225H. Honors General Chemistry. 4 Credits.
First-year university chemistry for students with excellent backgrounds in high school chemistry, physics, and mathematics. Chemical bonding, states of matter, solutions, kinetics, and nuclear chemistry. Students cannot receive credit for both CH 222 and CH 225H.
Prereq: CH 221 or 224H; pre- or coreq: MATH 242 or 247 or 252 or 262. Concurrent CH238 recommended.

CH226H. Honors General Chemistry. 4 Credits.
First-year university chemistry for students with excellent backgrounds in high school chemistry, physics, and mathematics. Chemical equilibrium, acid-base chemistry, thermodynamics, and electrochemistry. Students cannot receive credit for both CH 223 and CH 226H.
Prereq: CH222 or 225H; pre- or coreq: MATH 243 or 247 or 253 or 263. Concurrent CH 239 recommended.

CH227. General Chemistry Laboratory. 2 Credits.
First term of the three-term laboratory sequence: basic laboratory skills, quantitative relationships, qualitative analysis, calorimetry.
Pre- or coreq: CH221 or 224H; MATH 111.

CH228. General Chemistry Laboratory. 2 Credits.
Second term of the three-term laboratory sequence: graphical analysis, spectroscopy, spectrophotometry, gas laws, chromatography, kinetics.
Prereq: CH227 or 237; pre- or coreq: CH 222 or 225H; MATH 112.

CH229. General Chemistry Laboratory. 2 Credits.
Third term of the three-term laboratory sequence: synthesis, equilibrium, acids and bases, volumetric analyses, electrochemistry, nuclear chemistry.
Prereq: CH 228 or 238; pre- or coreq: CH 223 or 226H.

CH237. Advanced General Chemistry Laboratory. 2 Credits.
First-year university laboratory course for students with a strong high school laboratory experience. Projects in analytical and inorganic chemistry emphasize the use of quantitative glassware, gravimetric and volumetric analysis, acid-base and precipitation reactions.
Prereq: MATH 112; Pre- or coreq: CH 221 or 224H.

CH238. Advanced General Chemistry Laboratory. 2 Credits.
Projects in inorganic and biochemistry with a focus on absorption spectroscopy, synthesis of coordination compounds, and measuring initial rates of reaction.
Prereq: CH 227 or 237; pre- or coreq: CH 222 or 225H.

CH239. Advanced General Chemistry Laboratory. 2 Credits.
Projects in biochemistry and inorganic chemistry involving enzymology, mechanisms of reactions, kinetics, and visible absorption spectroscopy.
Prereq: CH 228 or 238; pre- or coreq: CH 223 or 226H.

CH331. Organic Chemistry I. 4 Credits.
Structure, properties, and bonding of organic molecules.
Prereq: CH 223 or 226H. Concurrent CH 337 recommended.

CH335. Organic Chemistry II. 4 Credits.
Reactions and mechanisms of organic chemistry.
Prereq: CH 331 or 341. Concurrent CH 338 recommended.

CH336. Organic Chemistry III. 4 Credits.
Organic chemistry of biomolecules with a focus on chemical aspects.
Prereq: CH 335 or 342. Concurrent CH 339 recommended.

CH337. Organic Chemistry Laboratory. 3 Credits.
Principles and techniques of laboratory practice in organic chemistry.
Prereq: CH 229 or 239; pre- or coreq: CH 331.

CH338. Organic Chemistry Laboratory. 3 Credits.
Principles and techniques of laboratory practice in organic chemistry.
Prereq: CH 331 or 341, 337; pre- or coreq: CH 335.

CH341. Majors Track Organic Chemistry I. 4 Credits.
Structure, properties, and bonding of organic molecules. Provides a rigorous foundation appropriate for chemistry and biochemistry majors as they become chemical practitioners. Sequence with CH 342, 343.
Prereq: CH 223 or CH 226H. Concurrent CH 337 recommended.

CH342. Majors Track Organic Chemistry II. 4 Credits.
Focuses on mechanisms and reactions of common organic functional groups. Sequence with CH 341, 343.
Prereq: CH 331 (with grade of B– or better) or CH 341. Concurrent CH 348 recommended.

CH343. Majors Track Organic Chemistry III. 4 Credits.
Incorporates topics from the recent chemistry literature. Sequence with CH 341, 342.
Prereq: CH 335 (with grade of B– or better) or CH 342. Concurrent CH 349 recommended.

CH348. Organic Chemistry Laboratory for Majors. 4 Credits.
Problem solving in the organic chemistry laboratory. Sequence with CH 337, 349.
Prereq: CH 337; CH 331 or 341; coreq: CH 342.

CH349. Organic Chemistry Lab for Majors. 4 Credits.
Organic chemistry laboratory projects. Two-dimensional nuclear magnetic resonance techniques. Sequence with CH 337, 348.
Prereq: CH 348; coreq: CH 343.

CH360. Physiological Biochemistry. 4 Credits.
For preprofessional health science students. Topics include protein structure and function, enzyme mechanisms, central metabolism and bioenergetics, integration and regulation of metabolism by hormone action. Students cannot receive credit for both CH 360 and 462.
Prereq: CH 336 or 343; BI 214 or 282H recommended.

CH399. Special Studies: [Topic]. 1-5 Credits.
Repeatable.

CH401. Research: [Topic]. 1-21 Credits.
Repeatable. Introduction to methods of chemical investigation. For advanced undergraduates by arrangement with individual faculty members.

CH403. Thesis. 1-12 Credits.
Repeatable. Open to students eligible to work for a bachelor's degree with honors in chemistry or biochemistry.
Prereq: Honors majors.

CH405. Reading and Conference: [Topic]. 1-21 Credits.
Repeatable.

CH406. Field Studies: [Topic]. 1-21 Credits.
Repeatable.

CH407. Seminar: [Topic]. 1-5 Credits.
Repeatable. Biochemistry seminar for undergraduates who have completed or are enrolled in CH 461, 462, 463. No graduate credit.

CH408. Workshop: [Topic]. 1-21 Credits.
Repeatable.

CH409. Special Laboratory Problems. 1-21 Credits.
Repeatable. Nonresearch-oriented laboratory instruction and off-campus research and laboratory experience.

CH410. Experimental Course: [Topic]. 1-5 Credits.
Repeatable.

CH411. Physical Chemistry. 4 Credits.
Methods of physics applied to chemical problems, including inorganic, organic, and biochemistry. Introduction to chemical thermodynamics.
Prereq: two years of college chemistry (except for physics majors), PHYS 201, 202, 203; MATH 253; MATH 256, 281, 282 strongly recommended.

CH412. Physical Chemistry. 4 Credits.
Methods of physics applied to chemical problems, including inorganic, organic, and biochemistry. Introduction to statistical mechanics and rate processes.
Prereq: two years of college chemistry (except for physics majors); CH 411; PHYS 201, 202, 203; MATH 253; MATH 256, 281, 282 strongly recommended.

CH413. Physical Chemistry. 4 Credits.
Methods of physics applied to chemical problems, including inorganic, organic, and biochemistry. Introduction to quantum chemistry.
Prereq: two years of college chemistry (except for physics majors), PHYS 201, 202, 203; MATH 253; MATH 256, 281, 282 strongly recommended.

CH417. Physical Chemistry Laboratory. 4 Credits.
Experiments in thermodynamics, modern electronic measurements, computer modeling, and data reduction.
Pre or coreq: CH 411.

CH418. Physical Chemistry Laboratory. 4 Credits.
Experiments in statistical mechanics, chemical kinetics, plasma chemistry, and mass spectrometry.
Prerequisite CH 417; Pre or coreq: CH 412.

CH419. Physical Chemistry Laboratory. 4 Credits.
Experiments molecular spectroscopy, quantum chemistry, and laser-excited chemical and physical processes to illustrate theoretical principles.
Prereq: CH 417; pre or coreq: CH 413.

CH420. Physical Organic Chemistry I. 4 Credits.
Modern physical organic chemistry including chemical bonding, acid-base chemistry, thermochemistry, noncovalent interactions, and introduction to computational chemistry. Sequence with CH 421/521.
Prereq: CH 336.

CH421. Physical Organic Chemistry II. 4 Credits.
Modern physical organic chemistry including tools to study reaction mechanisms, kinetic analysis, isotope effects, and qualitative molecular orbital theory. Sequence with CH 420/520.
Prereq: CH 420/520.

CH429. Instrumental Analysis. 5 Credits.
Use of instrumental methods for quantitative determinations of unknown chemical samples.
Prereq: CH 417.

CH431. Inorganic Chemistry. 4 Credits.
Introduction to group theory for molecular symmetry; syntheses, structures, reactions, and reaction mechanisms of coordination complexes and organometallic complexes.

CH432. Inorganic Chemistry. 4 Credits.
Bioinorganic chemistry: metals in biological systems; coordination chemistry, reactions, spectroscopy, metalloclusters, and synthetic modeling.
Prereq: CH 431 recommended.

CH433. Inorganic Chemistry. 4 Credits.
Solid-state inorganic chemistry: solid-state structure and its determination; the electrical, magnetic, and mechanical properties of materials and their physical description.
Prereq: CH 431 recommended.

CH441. Quantum Chemistry. 4 Credits.
The principles of time-independent quantum mechanics and their application to model atomic and molecular systems.
Prereq: CH 413 or equivalent.

CH442. Quantum Chemistry and Spectroscopy. 4 Credits.
Molecular structure theory, perturbation theory, time-dependent quantum mechanics, theory of spectra, selection rules.
Prereq: CH 441 or equivalent.

CH443. Quantum Chemistry and Spectroscopy. 4 Credits.
Experimental spectra of atomic and molecular systems and surfaces.
Prereq: CH 442 or equivalent.

CH444. Chemical Thermodynamics. 4 Credits.
The laws of thermodynamics and their applications, including those to nonideal chemical systems.
Prereq: CH 413 or equivalent.

CH445. Statistical Mechanics. 4 Credits.
Molecular basis of thermodynamics. Applications to the calculation of the properties of noninteracting and weakly interacting systems.
Prereq: CH 413 or equivalent.

CH446. Chemical Kinetics: [Topic]. 4 Credits.
Repeatable. Description and interpretation of the time evolution of chemical systems.
Prereq: CH 413 or equivalent.

CH447. Computational Chemistry. 4 Credits.
Introduction to modern computational methods used to understand the properties of molecules.
Prereq: CH 411, 412; or PHYS 353.

CH451. Advanced Organic-Inorganic Chemistry. 4 Credits.
Principles of organic-inorganic reaction dynamics; kinetics and mechanisms, linear free-energy relationships, isotope effects, substitution reactions, dynamic behavior of reactive intermediates, electron transfer chemistry.
Prereq: CH 336 or equivalent.

CH452. Advanced Organic Chemistry—Stereochemistry and Reactions. 4 Credits.
Principles and applications of stereochemistry; reagents and reactions, with mechanisms, used in contemporary organic synthesis; examples taken from the current literature.

CH461. Biochemistry. 4 Credits.
Structure and function of macromolecules. Exposure to calculus and physical chemistry recommended.
Prereq: CH 336 or 343.

CH462. Biochemistry. 4 Credits.
Metabolism and metabolic control processes. Energy and sensory transduction mechanisms.
Prereq: CH 461.

CH463. Biochemistry. 4 Credits.
Mechanisms and regulation of nucleic acid and protein biosynthesis. Other current topics in biochemical genetics.
Prereq: CH 461/561; or CH 360 with a grade of B- or better.

CH464. RNA Biochemistry. 4 Credits.
Introduction to the diverse field of RNA biochemistry.
Prereq: CH 463 or BI 320.

CH465. Physical Biochemistry. 4 Credits.
Physical chemical properties of biological macromolecules; forces and interactions to establish and maintain macromolecular conformations; physical bases of spectroscopic, hydrodynamic, and rapid-reaction investigative techniques. Offered alternate years.
Prereq: CH 461.

CH466. Structural Biochemistry. 4 Credits.
Protein and nucleic acid structures and energetics. Structure determination by x-ray crystallography and nuclear magnetic resonance. Computational methods for structural analysis. Offered alternate years.
Prereq: CH 461.

CH467. Biochemistry Laboratory. 4 Credits.
Methods of modern molecular biology and protein purification.
Prereq: CH 461

CH503. Thesis. 1-16 Credits.
Repeatable.

CH507. Seminar: [Topic]. 1-5 Credits.
Repeatable. Biochemistry seminar for undergraduates who have completed or are enrolled in CH 461, 462, 463. No graduate credit.

CH508. Workshop: [Topic]. 1-21 Credits.
Repeatable.

CH510. Experimental Course: [Topic]. 1-5 Credits.
Repeatable.

CH511. Physical Chemistry. 4 Credits.
Methods of physics applied to chemical problems, including inorganic, organic, and biochemistry. Introduction to chemical thermodynamics.

CH512. Physical Chemistry. 4 Credits.
Methods of physics applied to chemical problems, including inorganic, organic, and biochemistry. Introduction to statistical mechanics and rate processes.

CH513. Physical Chemistry. 4 Credits.
Methods of physics applied to chemical problems, including inorganic, organic, and biochemistry. Introduction to quantum chemistry.

CH517. Physical Chemistry Laboratory. 4 Credits.
Experiments in thermodynamics, modern electronic measurements, computer modeling, and data reduction.
Pre- or coreq: CH 411/511.

CH518. Physical Chemistry Laboratory. 4 Credits.
Experiments in statistical mechanics, chemical kinetics, plasma chemistry, and mass spectrometry.
Pre or coreq: CH 412/512.

CH519. Physical Chemistry Laboratory. 4 Credits.
Experiments in molecular spectroscopy, quantum chemistry, and laser-excited chemical and physical processes to illustrate theoretical principles.
Pre or coreq: CH 413/513.

CH520. Physical Organic Chemistry I. 4 Credits.
Modern physical organic chemistry including chemical bonding, acid-base chemistry, thermochemistry, noncovalent interactions, and introduction to computational chemistry. Sequence with CH 421/521.

CH521. Physical Organic Chemistry II. 4 Credits.
Modern physical organic chemistry including tools to study reaction mechanisms, kinetic analysis, isotope effects, and qualitative molecular orbital theory. Sequence with CH 420/520.
Prereq: CH 420/520.

CH531. Inorganic Chemistry. 4 Credits.
Introduction to group theory for molecular symmetry; syntheses, structures, reactions, and reaction mechanisms of coordination complexes and organometallic complexes.

CH532. Inorganic Chemistry. 4 Credits.
Bioinorganic chemistry: metals in biological systems; coordination chemistry, reactions, spectroscopy, metalloclusters, and synthetic modeling.
Prereq: CH 531 recommended.

CH533. Inorganic Chemistry. 4 Credits.
Solid-state inorganic chemistry: solid-state structure and its determination; the electrical, magnetic, and mechanical properties of materials and their physical description.
Prereq: CH 531 recommended.

CH541. Quantum Chemistry. 4 Credits.
The principles of time-independent quantum mechanics and their application to model atomic and molecular systems.
Prereq: CH 4/513 or equivalent.

CH542. Quantum Chemistry and Spectroscopy. 4 Credits.
Molecular structure theory, perturbation theory, time-dependent quantum mechanics, theory of spectra, selection rules.
Prereq: CH 4/541 or equivalent.

CH543. Quantum Chemistry and Spectroscopy. 4 Credits.
Experimental spectra of atomic and molecular systems and surfaces.
Prereq: CH 4/542 or equivalent.

CH544. Chemical Thermodynamics. 4 Credits.
The laws of thermodynamics and their applications, including those to nonideal chemical systems.
Prereq: CH 4/513 or equivalent.

CH545. Statistical Mechanics. 4 Credits.
Molecular basis of thermodynamics. Applications to the calculation of the properties of noninteracting and weakly interacting systems.
Prereq: CH 413/513 or equivalent.

CH546. Chemical Kinetics: [Topic]. 4 Credits.
Repeatable. Description and interpretation of the time evolution of chemical systems.
Prereq: CH 4/513 or equivalent.

CH547. Computational Chemistry. 4 Credits.
Introduction to modern computational methods used to understand the properties of molecules.

CH551. Advanced Organic-Inorganic Chemistry. 4 Credits.
Principles of organic-inorganic reaction dynamics; kinetics and mechanisms, linear free-energy relationships, isotope effects, substitution reactions, dynamic behavior of reactive intermediates, electron transfer chemistry.
Prereq: CH 336 or equivalent.

CH552. Advanced Organic Chemistry—Stereochemistry and Reactions. 4 Credits.
Principles and applications of stereochemistry; reagents and reactions, with mechanisms, used in contemporary organic synthesis; examples taken from the current literature.

CH561. Biochemistry. 4 Credits.
Structure and function of macromolecules.

CH562. Biochemistry. 4 Credits.
Metabolism and metabolic control processes. Energy and sensory transduction mechanisms.
Prereq: CH 461/561.

CH563. Biochemistry. 4 Credits.
Mechanisms and regulation of nucleic acid and protein biosynthesis. Other current topics in biochemical genetics.
Prereq: CH 461/561.

CH564. RNA Biochemistry. 4 Credits.
Introduction to the diverse field of RNA biochemistry.

CH565. Physical Biochemistry. 4 Credits.
Physical chemical properties of biological macromolecules; forces and interactions to establish and maintain macromolecular conformations; physical bases of spectroscopic, hydrodynamic, and rapid-reaction investigative techniques. Offered alternate years.

CH566. Structural Biochemistry. 4 Credits.
Protein and nucleic acid structures and energetics. Structure determination by x-ray crystallography and nuclear magnetic resonance. Computational methods for structural analysis. Offered alternate years.
Prereq: CH 561.

CH567. Biochemistry Laboratory. 4 Credits.
Methods of modern molecular biology and protein purification.

CH601. Research: [Topic]. 1-16 Credits.
Repeatable.

CH602. Supervised College Teaching. 1-5 Credits.
Repeatable.

CH603. Dissertation. 1-16 Credits.
Repeatable.

CH605. Reading and Conference: [Topic]. 1-16 Credits.
Repeatable.

CH606. Field Studies: [Topic]. 1-16 Credits.
Repeatable.

CH607. Seminar: [Topic]. 1-5 Credits.
Repeatable. Seminars offered in biochemistry, chemical physics, materials science, molecular biology, neuroscience, organic-inorganic chemistry, and physical chemistry.

CH608. Workshop: [Topic]. 1-16 Credits.
Repeatable.

CH609. Terminal Project. 1-16 Credits.
Repeatable.

CH610. Experimental Course: [Topic]. 1-5 Credits.
Repeatable.

CH613. Organic Chemistry: [Topic]. 1-4 Credits.
Repeatable. Topics include bioorganic and bioinorganic chemistry, computational chemistry, green chemistry, medicinal chemistry, natural products, organometallic chemistry, polymers, catalysis, molecular motors, and spectroscopic methods for structure determination. Repeatable when topic changes.

CH616. Biochemistry: [Topic]. 1-4 Credits.
Repeatable. Topics include enzyme mechanisms, stability and conformation of macromolecules, nucleic acids and nucleic acid protein complexes, conformational analysis of macromolecules, protein and nucleic acid biosynthesis. Repeatable when topic changes.

CH623. Organic-Inorganic Chemistry Journal Club. 1 Credit.
Repeatable. Preparation and delivery of colloquium-style lectures in organic-inorganic chemistry based on papers from the literature. Repeatable for maximum of 12 credits.

CH624. Physical Chemistry Journal Club. 1 Credit.
Repeatable. Preparation and delivery of colloquium-style lectures in physical chemistry based on papers from the literature. Repeatable for maximum of 12 credits.

CH658. Synthetic Organic Reactions. 4 Credits.
Structured laboratory exercises to perform examples of the various reactions discussed in lectures.

CH659. Advanced Synthesis Laboratory. 4 Credits.
Multistep sytheses of diverse target molecules.

CH662. Advanced Biochemistry. 4 Credits.
Detailed consideration of enzyme mechanisms, macromolecular structure, protein-nucleic acid interactions, and selected aspects of biological synthesis.

CH663. Advanced Biochemistry. 4 Credits.
Detailed consideration of enzyme mechanisms, macromolecular structure, protein-nucleic acid interactions, and selected aspects of biological synthesis.

CH667. Polymers: Synthesis, Characterization, Processing. 4 Credits.
Methods of polymer synthesis and characterization; kinetics and mechanisms of the principal polymerization reactions. Introduction to mechanical properties and fabrication techniques.

CH668. Physical Chemistry of Polymers and Coatings. 4 Credits.
Statistical and thermodynamic models for the equilibrium configuration, conformation, structure, mechanical properties, and phase transitions of polymer solutions, dense melts, liquid crystals.

CH669. Polymer Synthesis and Characterization Laboratory. 4 Credits.
Preparation and physical characterization of polymers; emphasis on polymers of commercial interest.

CH677. Semiconductor Device Physics. 4 Credits.
Elementary theory of inorganic solids; electronic structures and transport properties of semiconductors. Basic theory of semiconductor devices including diodes, transistors, mosfets, and optoelectronic devices.

CH678. Semiconductor Processing and Characterization Techniques. 4 Credits.
Solid-state and surface chemistry of inorganic semiconductors as it pertains to microelectronic devices.

CH679. Device Processing and Characterization Laboratory. 4 Credits.
Design, fabrication, and testing of semiconductor devices with an emphasis on wafer processing and device realization.

Cinema Studies

Michael G. Aronson, Program Director
541-346-8104
541-346-8144 fax
201 McKenzie Hall
6223 University of Oregon
Eugene, Oregon 97403-6223
cinema@uoregon.edu

The cinema studies major blends a film- and media-focused liberal arts education with creative work in digital filmmaking. Because cinema is inherently multidisciplinary, the major spans the College of Arts and Sciences, the School of Architecture and Allied Arts, and the School of Journalism and Communication, and includes a diverse array of courses in the history, theory, and aesthetics of cinema as well as in digital production. This collaboration is unique to Oregon: cinema studies majors take their courses across three different schools rather than from one department or program within one school, learning to understand the medium from a variety of disciplinary angles and perspectives.

The bachelor of arts in cinema studies provides its graduates with a sound foundation for entering their chosen professions or continuing their education in graduate school. It also gives them the critical and analytic skills to adapt to the changes that are likely to occur in their professions throughout their lifetimes.

Students in the major are encouraged to study overseas in programs that immerse them in different cultures and languages, including the program's own summer program in Dublin, Ireland, at the National Film School of Ireland, housed in the Dún Laoghaire Institute of Art, Design, and Technology. Students are also encouraged to work with the program's staff to seek internships in their chosen areas of potential career interest and expertise.

Faculty

Michael G. Aronson, associate professor; director, Cinema Studies Program. See **English**.

Masami Kawai, instructor (cinema). BA, 2003, Hampshire College; MFA, 2013, California, Los Angeles. (2014)

Katharina Loew, assistant professor (cinema, German studies). MA, 1999, Ludwig-Maximilians-Universitat München; PhD, 2011, Chicago. (2011)

Priscilla P. Ovalle, associate professor; associate director, Cinema Studies Program. See **English**.

Shauna Riedel-Bash, instructor (cinema); assistant director, student services. BA, 2004, Occidental College; MS, 2008, Stanford. (2012)

Sergio Rigoletto, assistant professor (cinema, Italian). Laurea, 2002, Catania; MA, 2004, Birkbeck, London; PhD, 2010, Reading. (2012)

Andre Sirois, instructor (cinema); multimedia supervisor. BA, 2002, Central Connecticut State; MA, 2005, Maine; PhD, 2011, Oregon. (2012)

Daniel Gomez Steinhart, assistant professor (cinema; journalism). BA, 2000, Wesleyan; MA, 2006, PhD, 2013, California, Los Angeles. (2014)

Participating Faculty

Michael Allan, comparative literature

Peter Alilunas, journalism and communication

Michael Bray, art

Keith Eggener, history of art and architecture

Sangita Gopal, English

Richard Herskowitz, arts and administration

Dong Hoon Kim, East Asian languages and literatures

Lesli A. Larson, library

Gabriela Martinez, journalism and communication

Daniel L. Miller, journalism and communication

Quinn Miller, English

Biswarup "Bish" Sen, journalism and communication

Janet Wasko, journalism and communication

Affiliated Faculty

Kenneth S. Calhoon, comparative literature

Amanda E. Doxtater, German and Scandinavian

Kate Mondloch, history of art and architecture

Elizabeth M. Peterson, library

Undergraduate Studies

The bachelor of arts in cinema studies consists of 56 credits divided among four categories: fundamentals, production, core courses, and electives. The major includes the option of graduating with honors. A bachelor of science degree is not offered.

Courses in the major must be taken for a letter grade, and students must earn a grade of mid-C or better for credit toward the major. At least 28 credits must be taken in residence at the University of Oregon.

Bachelor of Arts Degree Requirements

Fundamentals Courses [1]		
J201	Media and Society	4
ENG260	Media Aesthetics	4
Select two of the following:		8
ENG265	History of the Motion Picture	
ENG266	History of the Motion Picture	
ENG267	History of the Motion Picture	
Production Courses		
Select one of the following Production A courses: [2]		4
J208	Introduction to Documentary Production	
ARTD256	Introduction to Production	
CINE270	Introduction to Narrative Cinema Production	
For a list of courses that satisfy Production B requirements (one is required), review the term course lists at cinema.uoregon.edu/term-course-lists.		4
Core Courses [3]		
For a list of courses that satisfy core requirements, review the course lists at cinema.uoregon.edu/term-course-lists. A total of six core courses, at least one from each category, is required.		24
Electives [4]		
For a list of courses that satisfy elective requirements, review the course lists at cinema.uoregon.edu/term-course-lists. Two electives are required and may include additional production and core courses.		8
Total Credits		**56**

1. Fundamentals courses (16 credits) introduce majors to three central approaches to cinema studies: historical, social-institutional, and aesthetic. These must be completed before entry into production courses.
   - Students must complete Media and Society (J201), Media Aesthetics (ENG260), and two of the three courses in the history sequence [History of the Motion Picture (ENG265), History of the Motion Picture (ENG266), History of the Motion Picture (ENG267)], which may be taken in any order. Completion of all fundamentals courses is required before taking any production courses.
2. Production courses (8 credits: 4 fromProduction A and 4 from Production B) give all majors a chance to learn the essentials of media production.
   - After completing the fundamentals requirements, students may enroll in a Production A course [Introduction to Production (ARTD256), Introduction to Narrative Cinema Production (CINE270), or Introduction to Documentary Production (J208)].
   - After successful completion of a Production A course, students are eligible to register for Production B courses (various topics in production; please see term course list (http://cinema.uoregon.edu/term-course-lists) for offerings).
3. Core courses (24 credits) strengthen students' understanding of cinema as a dynamic, multicultural, and transnational phenomenon. Please see term course list (http://cinema.uoregon.edu/term-course-lists) for offerings.
   - Students must complete six core courses, with at least one from each subcategory: Core A (institutions); Core B (theory and criticism); and Core C (national, regional, and transnational cinema).
   - For students who declared the cinema studies major in fall 2013 or later: two courses in the core with the CINE subject code (8 credits out of the required 24) are required.
4. Electives (8 credits) allow students to broaden their exposure to cinema and media studies. These courses are not focused exclusively on cinema but instead study it in relation to other modes of inquiry, including (but not limited to) Asian studies, comparative literature, ethnic studies, folklore, philosophy, journalism, literary studies, music, Romance languages, and women's and gender studies).
   - A wide variety of elective courses from a range of departments and programs are available. Additional fundamentals, production, and core courses may also count as elective courses.

Honors

Students receive program honors at graduation if they have a final cumulative GPA of at least 3.75 in cinema studies course work.

Please contact Shauna Riedel-Bash, assistant director of student services, with any questions: cineadvising@uoregon.edu.

Certificate in Film Studies

The certificate in film studies requires 36 credits in courses chosen from four groups: introduction to film studies; aesthetics, theory, and methods of film studies; film and society; and electives.

Introduction to Film Studies		
ENG265–266 &ENG260	History of the Motion Picture and Media Aesthetics	12

Aesthetics, Theory, and Methods of Film Studies [1]	
At least one course from English, music, journalism and communication, or other schools or departments on media production and industries, film history, music, genres, and other topics emphasizing the aesthetic aspects of film	8
Film and Society [1]	
At least two courses from foreign-language departments, English, the social sciences, journalism and communication, or other departments and schools on national cinemas—China, France, Germany, Russia, or other nations—and other topics emphasizing the social aspects of film	8
Electives [1]	
At least two electives in film studies area [2]	8
Total Credits	**36**

1. As many as four credits in independent study may fulfill requirement.
2. Selected in consultation with advisor, these courses can be in a related field, such as theater arts, or another film course.

Students must earn a grade of mid-C or better in required courses, including independent studies.

Courses

CINE230. Remix Cultures. 4 Credits.
Study of issues surrounding media production and consumption in relation to intellectual property laws in modern society. Open to all majors.

CINE270. Introduction to Narrative Cinema Production. 4 Credits.
Focuses on basic theory and practice of digital video for narrative production.
Prereq: ENG 260, J 201; two from ENG 265, 266, 267.

CINE320. Beginning Screenwriting. 4 Credits.
Introduction to the basics of writing for the screen. Provides students with an organized strategy for writing a feature film.
Prereq: ENG 260, J 201; two from ENG 265, 266, 267; one from ARTD 256, CINE 270, J 208.

CINE330. Film Festivals. 4 Credits.
Takes students behind the scenes of the Cinema Pacific film festival. Surveys histories of film festivals in relation to their forms, functions, operations, marketing, curatorial missions, and social impacts.
Prereq: one from J 201, ENG 260, ENG 265, ENG 266, ENG 267.

CINE350. Gender and Sexuality in European Cinema. 4 Credits.
Examines questions of gender and sexuality within the transnational and national contexts of Europe, including its diverse cinematic landscapes, traditions, and star imagery.

CINE360. Film Theory. 4 Credits.
Introduction to theoretical debates about film as a medium of artistic expression in a transhistorical and global framework.

CINE399. Special Studies: [Topic]. 1-5 Credits.
Repeatable.

CINE401. Research: [Topic]. 1-12 Credits.
Repeatable.

CINE404. Internship: [Topic]. 1-12 Credits.
Repeatable for a maximum of 12 credits; only 4 credits may count toward the cinema studies major.

CINE405. Reading and Conference: [Topic]. 1-5 Credits.
Repeatable for a maximum of 12 credits; only 4 credits may count toward the cinema studies major.

CINE407. Seminar: [Topic]. 1-5 Credits.
Repeatable.

CINE408. Workshop: [Topic]. 1-12 Credits.
Repeatable.
Prereq: One course from ARTD 252, ARTD 256, CINE 270, J 207, J 208.

CINE410. Experimental Course. 1-5 Credits.
Repeatable.
Prereq: one from ENG 110, 260.

CINE420. Advanced Screenwriting. 4 Credits.
Provides advanced screenwriting students with an organized strategy for writing a feature film screenplay. Sequence with CINE 320.
Prereq: CINE 320 with grade of B– or better.

CINE425. Cinema Production: [Topic]. 4 Credits.
Exploration of intermediate to advanced techniques used in cinema production—from music videos to digital sound recording to 16-millimeter film. Topics include Directing, Digital Single-Lens Reflex Camera Production, Music Video Production. Repeatable twice for a maximum of 12 credits when topic changes.
Prereq: ENG 260, J 201; two from ENG 265, 266, 267; one from ARTD 256, CINE 270, J 208.

CINE508. Workshop: [Topic]. 1-12 Credits.
Repeatable.

CINE510. Experimental Course. 1-5 Credits.
Repeatable.

CINE520. Advanced Screenwriting. 4 Credits.
Provides advanced screenwriting students with an organized strategy for writing a feature film screenplay.

Classics

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The field of classics embraces Greek and Roman culture from the prehistoric to the medieval periods.

The undergraduate's primary aim in studying classics at the university is to learn Greek or Latin (or both) well enough to read the ancient authors in their original languages.

Through the study of classical literature in the original language and in English translation, and through the study of other areas encompassed by the classics, such as ancient history, philosophy, art history, mythology, and rhetoric, a student gains an understanding of the culture and ideals of the classical world and their influence on the languages and institutions of Western civilization.

Students who intend to major in classics should begin the study of one or both of the classical languages as early as possible in their undergraduate careers.

Careers

A bachelor's degree in classics prepares students for entry into graduate programs in classics, linguistics, comparative literature, ancient history, and archaeology, eventually leading to careers in college teaching, fieldwork, or the editorial professions.

Many prestigious professional schools look upon broad and thorough schooling in the humanities with greater favor than upon narrow preprofessional undergraduate training. Accordingly, students graduating from classics departments throughout the country have had notable success in schools of law, medicine, and business.

Faculty

P. Lowell Bowditch, professor (Latin literature, comparative literature, literary theory). BA, 1984, California, Berkeley; MA, 1989, PhD, 1992, Brown. (1993)

Cristina Calhoon, senior instructor (Latin literature, women in antiquity, Romans and barbarians). Laurea, 1978, Torino; MA, 1983, PhD, 1994, California, Irvine. (1988)

Kevin D. Dicus, assistant professor (classical archaeology, Latin literature) BA, 1992, MA, 2002, Arizona; PhD, 2012, Michigan, Ann Arbor. (2015)

Christopher Eckerman, associate professor (Greek literature, lyric poetry, social history). BA, 2000, California, Davis; MA, 2002, PhD, 2007, California, Los Angeles. (2008)

Jeffrey M. Hurwit, professor. See **History ofArt and Architecture**

Mary K. Jaeger, professor (Latin literature, historiography, food in antiquity). BA, 1982, Gustavus Adolphus; MA, 1984, PhD, 1990, California, Berkeley. (1990)

Steven Shankman, professor. See **English**

Malcolm Wilson, professor (ancient philosophy, history of science). BA, 1985, Western Ontario; MA, 1986, Toronto; PhD, 1993, California, Berkeley. (1990)

Emeritus

John Nicols, professor. See**History**

C. Bennett Pascal, professor emeritus. BA, 1949, MA, 1950, California, Los Angeles; MA, 1953, PhD, 1956, Harvard. (1960)

The date in parentheses at the end of each entry is the first year on the University of Oregon faculty.

Participating

Martha J. Bayless, English

Nathanael J. Andrade, history

Sander M. Goldberg, honors college

- **Bachelor of Arts: Greek Concentration** (p. 108)
- **Bachelor of Arts: Latin Concentration** (p. 108)
- **Bachelor of Arts: Greek and Latin Concentration**
- **Bachelor of Arts: Classical Civilization Concentration**
- **Bachelor of Arts: Classical Archaeology Concentration**
- **Minor in Greek**
- **Minor in Latin**
- **Minor in Classical Civilization**

Undergraduate Studies

Major Requirements

The department offers a bachelor of arts (BA) degree. Students may choose to focus on Latin language and literature (Latin concentration), Greek language and literature (Greek concentration), or a combination of Greek and Latin. Students may also study the literature and culture of the ancient civilizations through courses that use secondary sources and translated texts (classical civilization concentration), or they may focus on classical archaeology and material culture.

Courses used to satisfy major requirements must be taken for letter grades and passed with grades of mid-C or better.

At least four upper-division courses (normally 16 credits) must be taken at the University of Oregon.

Bachelor of Arts in Classics: Greek Concentration

GRK101–103	Basic Greek [1]	15
Select one of the following archaeology courses:		4
CLAS188	Introduction to Classical Archaeology	
CLAS399	Special Studies: [Topic]	
CLAS407	Seminar: [Topic]	
Select six of the following:		24
GRK301	Authors: [Topic] [2]	
GRK302	Authors: [Topic] [2]	
GRK303	Authors: [Topic] [2]	
300-level Greek courses where repeatable		
400-level Greek courses		
HIST412	Ancient Greece: [Topic]	4
HIST414	Ancient Rome: [Topic]	4
Three upper-division Greek or Latin courses beyond the first year, courses in translation, or courses from related departments [3]		12
Total Credits		**63**

1. Complete the introductory language courses or demonstrate proficiency at the introductory level.
2. Repeated with departmental approval.
3. A list of approved courses is available from the department.

Students are encouraged to take electives in ancient literature in translation and in ancient art, religion, mythology, or philosophy. They are also urged to take course work in Latin.

Bachelor of Arts in Classics: Latin Concentration

LAT101–103	Basic Latin [1]	15
Select one of the following archaeology courses:		4
CLAS188	Introduction to Classical Archaeology	
CLAS399	Special Studies: [Topic]	
CLAS407	Seminar: [Topic]	

Select six of the following:		24
LAT301	Authors: [Topic] [2]	
LAT302	Authors: [Topic] [2]	
LAT303	Authors: [Topic] [2]	
300-level Latin courses where repeatable		
400-level Latin courses		
HIST412	Ancient Greece: [Topic]	4
HIST414	Ancient Rome: [Topic]	4
Three upper-division Latin or Greek courses beyond the first year, courses in translation, or courses from related departments [3]		12
Total Credits		**63**

1. Complete the introductory language courses or demonstrate proficiency at the introductory level.
2. Repeated with departmental approval.
3. A list of approved courses is available from the department.

Students are encouraged to take electives in ancient literature in translation and in ancient art, religion, mythology, or philosophy. They are also urged to take course work in Greek.

Bachelor of Arts in Classics: Greek and Latin Concentration

GRK101–103	Basic Greek [1]	15
LAT101–103	Basic Latin [1]	15
Select one of the following archaeology courses:		4
CLAS188	Introduction to Classical Archaeology	
CLAS399	Special Studies: [Topic]	
CLAS407	Seminar: [Topic]	
Select seven of the following courses: [2]		28
LAT301–303 orGRK301–303	Authors: [Topic] Authors: [Topic]	
300-level Greek or Latin courses where repeatable		
400-level Greek or Latin courses		
HIST412	Ancient Greece: [Topic]	4
HIST414	Ancient Rome: [Topic]	4
Two upper-division Greek or Latin courses beyond the first year, courses in translation, or courses from related departments [3]		8
Total Credits		**78**

1. Complete the introductory language courses or demonstrate proficiency at the introductory level.
2. No fewer than 8 credits devoted to each language. Courses may be repeated with departmental approval.
3. A list of approved courses is available from the department.

Students are encouraged to take electives in ancient literature in translation and in ancient art, religion, mythology, or philosophy.

Bachelor of Arts in Classics: Classical Civilization Concentration

Select one of the following archaeology courses:		4
CLAS188	Introduction to Classical Archaeology	
CLAS399	Special Studies: [Topic]	
CLAS407	Seminar: [Topic]	
Select one of the following language sequences: [1]		15
GRK301–303	Authors: [Topic]	
orLAT301–303	Authors: [Topic]	
HIST412	Ancient Greece: [Topic]	4
HIST414	Ancient Rome: [Topic]	4
Select two of the following:		8
CLAS201	Greek Life and Culture	
CLAS202	Roman Life and Culture	
CLAS301	Greek and Roman Epic	
CLAS302	Greek and Roman Tragedy	
CLAS303	Classical Greek Philosophers	
HUM101	Introduction to the Humanities I [2]	
Select two of the following:		8
ARH322	Art of Ancient Greece	
ARH323	Art of Ancient Rome	
ARH424	Classical Greek Art	
Electives in Greek (GRK), Latin (LAT), classics (CLAS), or relevant courses in anthropology (ANTH), art history (ARH), English (ENG), history (HIST), philosophy (PHIL), religious studies (REL). [3]		5
Total Credits		**48**

1. Complete the introductory language courses with grades of mid-C or better or demonstrate proficiency at the introductory level. Students whose Greek or Latin language courses were taken in high school must take one year of second- or third-year Greek or Latin (301, 302, 303 or 411) at the University of Oregon in works not read in their high school courses. All language courses at the second- or third-year level may count toward the 20 credits of electives.
2. Department head approval required.
3. Choose electives in consultation with a classics department advisor.

Bachelor of Arts in Classics: Classical Archaeology Concentration

GRK101–103 orLAT101–103	Basic Greek [1] Basic Latin	15
Three upper-division courses in Greek or Latin: [2]		12
GRK301–303	Authors: [Topic]	
LAT301–303	Authors: [Topic]	
Three courses in classical archaeology:		12
CLAS188	Introduction to Classical Archaeology	
CLAS399	Special Studies: [Topic]	
One other approved course		
HIST412	Ancient Greece: [Topic]	4
HIST414	Ancient Rome: [Topic]	4
Select two of the following art history courses:		8

ARH322	Art of Ancient Greece	
ARH323	Art of Ancient Rome	
ARH324	Art and Politics in the Ancient World	
ARH424	Classical Greek Art	
ARH428	Roman Architecture	
Select two of the following anthropology courses:		8
ANTH150	World Archaeology	
ANTH310	Exploring Other Cultures: [Topic]	
ANTH340	Fundamentals of Archaeology	
ANTH471	Zooarchaeology	
Other anthropology courses approved by advisor		
Total Credits		**63**

1 Complete the introductory language courses with grades of mid-C or better or demonstrate proficiency at the introductory level.

2 Language courses must be completed with grades of mid-C or better.

Honors

The honors program in classics provides an opportunity for a student to focus on an area of concentration in a written thesis. The requirements for a bachelor's degree with honors in classics are as follows:

1. Satisfaction of the requirements for the major
2. A grade point average (GPA) of 3.50 or better in courses taken to meet the requirements of both the major and the university
3. A senior thesis of substantial quality, approved by the thesis director and at least one member of the program committee

Minor Requirements

Minor in Greek

Upper-division Greek (GRK) courses [1]	16
Upper-division Greek (GRK) or related courses in classics (CLAS), history (HIST), Latin (LAT), art history (ARH), English (ENG), philosophy (PHIL), religious studies (REL)	8
Total Credits	**24**

1 Four credits of first-year Greek may be applied to this total.

Students must have a grade point average of 2.50 or better in courses applied to the minor. At least four courses (typically 16 credits) must be taken at the University of Oregon.

Minor in Latin

Upper-division Latin (LAT) courses [1]	16
Upper-division Latin (LAT) or related courses in classics (CLAS), history (HIST), Greek (GRK), art history (ARH), English (ENG), philosophy (PHIL), religious studies (REL)	8
Total Credits	**24**

1 Four credits of first-year Latin may be applied to this total.

Students must have a grade point average of 2.50 or better in courses applied to the minor. At least four courses (typically 16 credits) must be taken at the University of Oregon.

Minor in Classical Civilization

Lower- or upper-division courses from approved list	8
Upper-division courses from approved list	16
Total Credits	**24**

Students must have a grade point average of 2.50 or better in courses applied to the minor. At least four courses (typically 16 credits) must be taken at the University of Oregon.

Secondary School Teaching Careers

The Department of Classics offers work for preparation to teach Latin in Oregon public secondary schools. Licensure as a secondary teacher requires completion of a graduate-level teacher preparation program. All work for the Latin endorsement should be completed before entering the teacher preparation program. For specific information about departmental requirements for the Latin endorsement, students should contact the departmental advisor. The College of Education offers a fifth-year program for teaching licensure in a second language. This program is described in the **College of Education** section of this catalog.

- **Master of Arts: Classics**
- **Master of Arts: Classical Civilization**

Graduate Studies

The Department of Classics offers the master of arts (MA) in classics with an option in Latin, Greek, or classics (Greek and Latin). The degree may be earned with thesis or with a comprehensive examination.

The option in Greek or Latin is earned with a concentration in one of the classical languages, but students concentrating in one language typically take some work in the other.

Work for the option in classics is approximately evenly divided between Greek and Latin.

Programs of study are arranged in consultation with two advisors, at least one of whom is a member of the Department of Classics, and comprise graduate courses selected from Latin (LAT), Greek (GRK), classics (CLAS), history (HIST), history of art and architecture(ARH), religious studies (REL), philosophy (PHIL), and English (ENG).

Admission

Procedures for admission to do graduate work in classics include the following:

1. A completed Graduate Admission Application
2. Transcripts of all college work
3. Three letters of recommendation
4. Scores on the verbal and quantitative sections of the Graduate Record Examinations (GRE)
5. Test of English as a Foreign Language (TOEFL) scores are required for international students
6. A sample of written work and a statement of academic purpose

Several graduate teaching fellowships are available each year for entering graduate students. Applicants seeking such fellowships must send an application postmarked by January 31.

Master of Arts: Classics

Graduate Courses		
CLAS507	Seminar: [Topic] (or seminar in art history, history, Greek, or Latin)	1-5
CLAS507	Seminar: [Topic] (classical archaeology)	1-5
CLAS611	Introduction to Philological Methods	4
600-level courses in residence		9
Additional graduate courses		30
Surveys		
HIST512	Ancient Greece: [Topic] [1]	4
HIST514	Ancient Rome: [Topic] [1]	4
Option 1		
Select one of the following: [2]		9
GRK503	Thesis	
LAT503	Thesis	
CLAS503	Thesis	
Option 2		
Two-part comprehensive examination: translation and essay [3]		
Option 3		
At least two 40- to 50-page essays [4]		
Total Credits		**53-61**

1. Equivalent courses taken as an undergraduate may fulfill this requirement.
2. The credits may be counted toward the 45-credit minimum. Satisfactory completion of the thesis includes an oral defense.
3. The candidate must, in consultation with his or her advisors, define a reading list for the translation part of the examination.
4. The candidate develops, expands, and revises work written for graduate author courses or seminars.

Additional Requirements

- Complete the general MA requirements stipulated by the Graduate School
- Pass with a grade of mid-B or better five courses in Greek and/or Latin authors
- Pass a translation examination in one modern language, usually French or German. This requirement may be fulfilled with a standardized examination offered by the university or by the successful translation of a significant scholarly text

Additional information may be obtained from the classics department and is included with the letter of admission.

Interdisciplinary Program in Classical Civilization

The Department of Classics administers an interdisciplinary master of arts degree in classics with a focus on classical civilization to provide predoctoral training for prospective candidates in ancient history, or for students interested in a general graduate program in ancient studies. The candidates must define, with the help of an advisory committee, a coherent program of study. More information may be obtained from the department office.

Master of Arts in Classics with a Focus on Classical Civilization

Graduate Courses		
CLAS507	Seminar: [Topic] (or seminar in art history, history, Greek, or Latin)	1-5
CLAS507	Seminar: [Topic] (classical archaeology)	1-5
CLAS611	Introduction to Philological Methods	4
600-level courses in residence		9
Additional graduate courses		30
Option 1		
Select one of the following: [1]		9
GRK503	Thesis	
LAT503	Thesis	
CLAS503	Thesis	
Option 2		
Two-part comprehensive examination: translation and essay [2]		
Option 3		
At least two 40- to 50-page essays [3]		
Total Credits		**45-53**

1. The credits may be counted toward the 45-credit minimum. Satisfactory completion of the thesis includes an oral defense.
2. The candidate must, in consultation with his or her advisors, define a reading list for the translation part of the examination.
3. The candidate develops, expands, and revises work written for graduate author courses or seminars.

Additional Requirements

- Complete the general MA requirements stipulated by the Graduate School
- Pass with a grade of mid-B or better five courses in Greek and/or Latin authors

Courses

CLAS110. Classical Mythology. 4 Credits.
Introduction to the world of Greek and Roman mythology with an emphasis on the issues of personal and social identity.

CLAS188. Introduction to Classical Archaeology. 4 Credits.
Introduction to the archaeology and material culture of the Ancient Greeks and Romans.

CLAS199. Special Studies: [Topic]. 1-5 Credits.
Repeatable.

CLAS201. Greek Life and Culture. 4 Credits.
Uses literary sources, art, and architecture to examine Greek civilization from Mycenean times to the conquest of Rome. Wilson.

CLAS202. Roman Life and Culture. 4 Credits.
Examines Roman civilization from the founding of Rome in the 8th century BC to the victory of Constantine and his religion early in the 4th century AD.

CLAS301. Greek and Roman Epic. 4 Credits.
Analysis of the heroic tradition and epic themes in the Homeric poems, the works of Hesiod, and the Aeneid. Emphasis on literary criticism and intellectual history.

CLAS302. Greek and Roman Tragedy. 4 Credits.
Examination of Aeschylus, Sophocles, Euripides, and perhaps Seneca from the viewpoint of literary criticism and intellectual history.

CLAS303. Classical Greek Philosophers. 4 Credits.
Introduction to the philosophies of Plato and/or Aristotle from the viewpoint of Greek intellectual history.

CLAS310. Early China, Ancient Greece. 4 Credits.
Examines the relationship between knowledge and wisdom in literature produced by two different ancient civilizations, Greece and China, from c. 1000 BCE to 86 CE. Offered alternate years.

CLAS311. Death and Rebirth in Greece and India. 4 Credits.
Explores Greco-Roman and Indian conceptions of the soul and beliefs concerning the afterlife, particularly those of reincarnation and soul transmigration. Offered alternate years.

CLAS314. Gender and Sexuality in Antiquity. 4 Credits.
Introduction to construction of the categories of norms of Western sexuality through study of Greek and Roman attitudes toward gender roles, homo- and heterosexuality, the family, and privacy.

CLAS322. Theory and Practice of Ancient Mythology. 4 Credits.
Studies the theory and practical use of mythology of the ancient Mediterranean in its own context and through the lens of modern theorists. Offered alternate years.

CLAS399. Special Studies: [Topic]. 1-5 Credits.
Repeatable.

CLAS401. Research: [Topic]. 1-21 Credits.
Repeatable.

CLAS403. Thesis. 1-12 Credits.
Repeatable.

CLAS405. Reading and Conference: [Topic]. 1-21 Credits.
Repeatable.

CLAS407. Seminar: [Topic]. 1-5 Credits.
Repeatable.

CLAS408. Colloquium: [Topic]. 1-21 Credits.
Repeatable.

CLAS409. Supervised Tutoring. 1-21 Credits.
Repeatable.

CLAS410. Experimental Course: [Topic]. 1-5 Credits.
Repeatable.

CLAS503. Thesis. 1-16 Credits.
Repeatable.
Prereq: second-year proficiency in Greek or Latin.

CLAS507. Seminar: [Topic]. 1-5 Credits.
Repeatable.

CLAS508. Colloquium: [Topic]. 1-21 Credits.
Repeatable.

CLAS510. Experimental Course: [Topic]. 1-5 Credits.
Repeatable.

CLAS601. Research: [Topic]. 1-16 Credits.
Repeatable.

CLAS602. Supervised College Teaching. 1-5 Credits.
Repeatable.

CLAS605. Reading and Conference: [Topic]. 1-16 Credits.
Repeatable.

CLAS606. Special Problems: [Topic]. 1-16 Credits.
Repeatable.

CLAS607. Seminar: [Topic]. 1-5 Credits.
Repeatable.

CLAS608. Colloquium: [Topic]. 1-16 Credits.
Repeatable.

CLAS609. Practicum: [Topic]. 1-16 Credits.
Repeatable.

CLAS610. Experimental Course: [Topic]. 1-5 Credits.
Repeatable.

CLAS611. Introduction to Philological Methods. 4 Credits.
Introduces graduate students to methodological approaches for the study of antiquity, employing faculty expertise in literary criticism, ancient art, historiography, epigraphy, ancient philosophy, and paleography.

Courses

GRK101. Basic Greek. 5 Credits.
Fundamentals of the Attic Greek language; readings in Attic Greek and in koine.

GRK102. Basic Greek. 5 Credits.
Fundamentals of the Attic Greek language; readings in Attic Greek and in koine.
Prereq: GRK 101 or equivalent.

GRK103. Basic Greek. 5 Credits.
Fundamentals of the Attic Greek language; readings in Attic Greek and in koine.
Prereq: GRK 102 or equivalent.

GRK199. Special Studies: [Topic]. 1-5 Credits.
Repeatable.

GRK301. Authors: [Topic]. 4 Credits.
Second-year Greek: selections from major Greek authors, either Plato or Lysias, with focus on reading and syntax. Repeatable when reading material changes.

GRK302. Authors: [Topic]. 4 Credits.
Second-year Greek: selections from Euripides, with focus on reading and syntax. Repeatable when reading material changes.

GRK303. Authors: [Topic]. 4 Credits.
Second-year Greek: selections from Homer or Hesiod, with focus on reading and syntax. Repeatable when reading material changes.

GRK399. Special Studies: [Topic]. 1-5 Credits.
Repeatable.

GRK401. Research: [Topic]. 1-21 Credits.
Repeatable.

GRK403. Thesis. 1-12 Credits.
Repeatable.

GRK405. Reading and Conference: [Topic]. 1-21 Credits.
Repeatable.

GRK407. Seminar: [Topic]. 1-5 Credits.
Repeatable.

GRK408. Colloquium: [Topic]. 1-21 Credits.
Repeatable.

GRK409. Practicum: [Topic]. 1-21 Credits.
Repeatable.

GRK410. Experimental Course: [Topic]. 1-5 Credits.
Repeatable.

GRK411. Authors: [Topic]. 4 Credits.
Repeatable. Each term devoted to a different author or literary genre: Euripides, Sophocles, Aeschylus, Plato, Aristotle, Demosthenes, Herodotus, Aristophanes, lyric poetry, comedy, pastoral. Repeatable when topic changes.

GRK503. Thesis. 1-16 Credits.
Repeatable.

GRK507. Seminar: [Topic]. 1-5 Credits.
Repeatable.

GRK508. Colloquium: [Topic]. 1-21 Credits.
Repeatable.

GRK510. Experimental Course: [Topic]. 1-5 Credits.
Repeatable.

GRK511. Authors: [Topic]. 4 Credits.
Repeatable. Each term devoted to a different author or literary genre: Euripides, Sophocles, Aeschylus, Plato, Aristotle, Demosthenes, Herodotus, Aristophanes, lyric poetry, comedy, pastoral. Repeatable when topic changes.

GRK601. Research: [Topic]. 1-16 Credits.
Repeatable.

GRK602. Supervised College Teaching. 1-5 Credits.
Repeatable.

GRK605. Reading and Conference: [Topic]. 1-16 Credits.
Repeatable.

GRK606. Special Problems: [Topic]. 1-16 Credits.
Repeatable.

GRK607. Seminar: [Topic]. 1-5 Credits.
Repeatable.

GRK608. Colloquium: [Topic]. 1-16 Credits.
Repeatable.

GRK609. Terminal Project. 1-16 Credits.
Repeatable.

GRK610. Experimental Course: [Topic]. 1-5 Credits.
Repeatable.

Courses

LAT101. Basic Latin. 5 Credits.
Fundamentals of Latin grammar; selected readings from classical and medieval authors.

LAT102. Basic Latin. 5 Credits.
Fundamentals of Latin grammar; selected readings from classical and medieval authors.
Prereq: LAT 101 or equivalent.

LAT103. Basic Latin. 5 Credits.
Fundamentals of Latin grammar; selected readings from classical and medieval authors.
Prereq: LAT 102 or equivalent.

LAT199. Special Studies: [Topic]. 1-5 Credits.
Repeatable.

LAT301. Authors: [Topic]. 4 Credits.
Second-year Latin: selections from Caesar, with focus on reading and syntax. Repeatable when reading material changes.

LAT302. Authors: [Topic]. 4 Credits.
Second-year Latin: selections from Virgil's Aeneid, with focus on reading and syntax. Repeatable when reading material changes.

LAT303. Authors: [Topic]. 4 Credits.
Second-year Latin: selections from major Roman authors with focus on reading and syntax. Recent authors are Cicero, Terence, Tibullus. Repeatable when reading material changes.

LAT399. Special Studies: [Topic]. 1-5 Credits.
Repeatable.

LAT401. Research: [Topic]. 1-21 Credits.
Repeatable.

LAT403. Thesis. 1-12 Credits.
Repeatable.

LAT405. Reading and Conference: [Topic]. 1-21 Credits.
Repeatable.

LAT407. Seminar: [Topic]. 1-5 Credits.
Repeatable.

LAT408. Colloquium: [Topic]. 1-21 Credits.
Repeatable.

LAT409. Supervised Tutoring. 1-21 Credits.
Repeatable.

LAT410. Experimental Course: [Topic]. 1-5 Credits.
Repeatable.

LAT411. Authors: [Topic]. 4 Credits.
Repeatable. Each term devoted to a different author or literary genre: Catullus, Tacitus, Juvenal, Pliny, Ovid, Lucretius, comedy, philosophy, elegy, epic, satire. Repeatable when topic changes.

LAT503. Thesis. 1-16 Credits.
Repeatable.

LAT507. Seminar: [Topic]. 1-5 Credits.
Repeatable.

LAT508. Colloquium: [Topic]. 1-21 Credits.
Repeatable.

LAT510. Experimental Course: [Topic]. 1-5 Credits.
Repeatable.

LAT511. Authors: [Topic]. 4 Credits.
Repeatable. Each term devoted to a different author or literary genre: Catullus, Tacitus, Juvenal, Pliny, Ovid, Lucretius, comedy, philosophy, elegy, epic, satire. Repeatable when topic changes.

LAT601. Research: [Topic]. 1-16 Credits.
Repeatable.

LAT602. Supervised College Teaching. 1-5 Credits.
Repeatable.

LAT605. Reading and Conference: [Topic]. 1-16 Credits.
Repeatable.

LAT606. Special Problems: [Topic]. 1-16 Credits.
Repeatable.

LAT607. Seminar: [Topic]. 1-5 Credits.
Repeatable.

LAT608. Colloquium: [Topic]. 1-21 Credits.
Repeatable.

LAT609. Terminal Project. 1-16 Credits.
Repeatable.

LAT610. Experimental Course: [Topic]. 1-5 Credits.
Repeatable.

Comparative Literature

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The University of Oregon offers major programs in comparative literature leading to the bachelor of arts (BA), master of arts (MA), and doctor of philosophy (PhD) degrees. In addition, a minor program has been recently established.

Inherently interdisciplinary, comparative literature begins with the insistence that any artifact of culture—be it a canvas, a poem, a film, or a novel—requires active attention and engagement. At the same time, where the national literatures designate their subjects by language or nation, comparative literature allows a pluralistic approach that bridges linguistic and cultural boundaries. Closely allied with literary and critical theory as well as with contemporary trends in globalization studies and cultural studies, comparative literature nonetheless can be defined neither in terms of a specific methodology nor a specific canon of texts. What defines comparative literature is its open-ended spirit of inquiry. Students of comparative literature create their subject matter by determining the meaning and method of their comparative approach.

Oregon's graduate program, established in 1962, has an international reputation. It is the home of the principal journal in the field, *Comparative Literature*, and is closely involved with the leading national organization, the American Comparative Literature Association.

The department maintains an active schedule of lecture series, seminars, and workshops. Recent visitors include Ken Aptekar, Nancy Armstrong, Charles Bernstein, Christopher Braider, Judith Butler, Eduardo Cadava, Beatrice Hanssen, David Harvey, Michael Henry Heim, Heather James, Mary Layoun, Karma Lochrie, Scott McCloud, Franco Moretti, Andrew Parker, Thomas Pfau, Mary Louise Pratt, Andrew Ross, Henry Sayre, Ella Shohat, Art Spiegelman, Peter Stallybrass, John Whittier Treat, Haiping Yan, Gang Yue, and Zhang Xudong.

Library holdings, which are strong in all areas of research in literature, include an outstanding collection of journals, many of which come to the library in exchange for *Comparative Literature.*

Faculty

Michael Allan, assistant professor (Arabic and Francophone literature, postcolonial studies, cinema). BA, 2000, Brown; PhD, 2008, California, Berkeley. (2008)

Steven T. Brown, professor (Japanese film, comparative film, popular culture). BA, 1987, Illinois, Urbana-Champaign; MA, 1988, PhD, 1993, Stanford. (1993)

Katherine "Katy"Brundan, instructor (18th- and 19th-century English and European literature, novel, media and popular culture). BA 1992, MA, 1996, Cambridge; PhD, 2006, Oregon (2013)

Kenneth S. Calhoon, professor (18th- and 19th-century German and European literature and thought, psychoanalysis, cinema). BA, 1979, Louisville; MA, 1981, PhD, 1984, California, Irvine. (1987)

Lisa Freinkel, associate professor. See **English**.

Warren Ginsberg, professor. See **English**.

Sangita Gopal, associate professor. See **English**.

Katya E. Hokanson, associate professor (Russian literature, travel literature, cultural studies). BA, 1984, Williams; MA, 1988, PhD, 1994, Stanford. (1995)

Dawn Marlan, lecturer (history of the novel, gender studies, cinema). BA, 1989, Bennington; MA, 1992, PhD, 2000, Chicago. (2004)

Leah Middlebrook, associate professor (16th-century Spanish and French lyric, court culture, theories of the subject). BA, 1989, Columbia; MA, 1991, PhD, 1998, California, Berkeley. (2002)

Jenifer Presto, associate professor (Russian literature, poetry, modernism). AB, 1985, Smith; MA, 1988, Middlebury; MA, 1989, PhD, 1996, Wisconsin, Madison. (2003)

The date in parentheses at the end of each entry is the first year on the University of Oregon faculty.

Participating

Susan C. Anderson, German and Scandinavian

Monique Balbuena, honors college

P. Lowell Bowditch, classics

Cory Browning, Romance languages

Carl R. Bybee, journalism and communication

Roy Chan, East Asian Languages and literatures

Joyce Cheng, history of art and architecture

James R. Crosswhite, English

Dianne M. Dugaw, English

Cecilia Enjuto Rangel, Romance languages

Maram Epstein, East Asian languages and literatures

Pedro García-Caro, Romance languages

Evlyn Gould, Romance languages

D. Gantt Gurley, German and Scandinavian

Michael Hames-García, ethnic studies

Martin Klebes, German and Scandinavian

Colin Koopman, Philosophy

David Leiwei Li, English

Jeffrey S. Librett, German and Scandinavian

Katharina Loew, German and Scandinavian

Massimo Lollini, Romance languages

John McCole, history

Karen McPherson, Romance languages

Lanie Millar, Romance languages

Fabienne Moore, Romance languages

Dorothee Ostmeier, German and Scandinavian

Paul W. Peppis, English

Amanda W. Powell, Romance languages

F. Regina Psaki, Romance languages

Forest Pyle, English

Judith Raiskin, women's and gender studies

Sergio Rigoletto, Romance languages

Daniel Rosenberg, honors college

George Rowe, English

Gordon M. Sayre, English

John Schmor, theater arts

Steven Shankman, English

Michael Stern, German and Scandinavian

Analisa Taylor, Romance languages

Ted Toadvine, philosophy

Alejandro Vallega, philosophy

Daniela Vallega-Neu, philosophy

David J. Vazquez, English

Elizabeth A. Wheeler, English

Daniel N. Wojcik, English

Rocio Zambrana, philosophy

- **Bachelor of Arts**
- **Minor**

Undergraduate Studies

The undergraduate program offers a unique major that cuts across disciplines, teaches critical skills, and provides an intellectually challenging curriculum while preparing students for possible careers in the media, law, government, business, or teaching. Students with a good background in one or more languages other than English find that the program gives them the opportunity to study literature and related cultural productions, including canonical and emerging writings, in a variety of historical and theoretical perspectives.

The program combines maximum flexibility with a rigorous grounding in the basics of literary theory and cultural studies. Based on their interests, majors choose one of two emphases: language and culture or disciplines in dialogue. In the first, students develop proficiency in two national-linguistic traditions. In the second, students explore links between a single national-linguistic tradition and a nonliterary field. Both emphases are ideally suited to students considering either a double-major or a major and a minor: they can combine their multiple interests into a single program of study.

A carefully designed core curriculum takes students through the basics of comparative literature as a discipline. Course work culminates with Capstone Seminar (COLT415). Many comparative literature students use this seminar to develop a BA honors thesis project (see Honors in Comparative Literature below).

Emphases within the Major

Because there are many different ways of thinking about literature from a comparative perspective, two emphases within the major are offered. One emphasis, language and culture, features comparative study across different national-linguistic traditions. This emphasis is recommended for students who want to study abroad, attend graduate school in comparative literature, or want to gain an in-depth understanding of one or more foreign cultures. A second emphasis, disciplines in dialogue, allows students to combine literary study with work in a nonliterary discipline. This emphasis offers an alternative for students considering a double major in literature and a nonliterary field. It is also well-suited to students who want to combine literary study with creative writing, performance, or the visual arts.

Language and Culture Emphasis

Students in this emphasis designate two national-linguistic traditions (e.g., Spanish and German; English and Japanese; French and Russian). In addition, the language chosen to fulfill the foreign language requirement should coincide with one of these national-linguistic traditions.

Disciplines in Dialogue Emphasis

Students in this emphasis designate one national-linguistic tradition and one other disciplinary focus (e.g., creative writing, philosophy, cinema studies, psychology, art history). Courses taken in this disciplinary focus may be spread out across several subject codes, with the approval of the director of undergraduate studies. Students are strongly advised to complete their foreign language requirement in a language relevant either to their national-linguistic tradition or to their disciplinary focus.

Bachelor of Arts Degree Requirements

The comparative study of culture entails the acquisition of reading competence in at least one language other than English. Comparative literature majors must complete at least one year of upper-division training in a language other than English. For students working in French, German, Italian, or Spanish, a third year entails the study of literature. Appropriate courses include, for example, French Survey: Medieval and Renaissance (FR317), French Survey: Baroque and Enlightenment (FR318), French Survey: 19th and 20th Centuries (FR319) or Introduction to German Culture and Society (GER340), Introduction to German Culture and Society (GER341) as well as any 400-level literature course taught in the language in question. For students working in Chinese, Greek, Hebrew, Latin, Japanese, Russian, or Swedish, the third year will typically entail further training in grammar and oral production. Appropriate courses include, for example, Third-Year Chinese (CHN301), Third-Year Chinese (CHN302), Third-Year Chinese (CHN303), the Judaic studies sequence taught in Hebrew, Biblical Narrative (HBRW311), Biblical Poetry (HBRW312), Postbiblical Literature (HBRW313), or Third-

Year Russian (RUSS316), Third-Year Russian (RUSS317), Third-Year Russian (RUSS318). With the approval of the director of undergraduate studies, courses taken abroad may be used to fulfill this requirement.

In addition to completing the foreign language requirement, majors must take eight required courses in comparative literature, four upper-division courses in their primary national-linguistic tradition, and three upper-division courses in their secondary focus field (either a second national-linguistic tradition or a nonliterary discipline).

All course work required for the comparative literature major and minor must be passed with grades of mid-C or better.

Foreign Language Requirement [1]		
Option for French, German, Italian, or Spanish work		
Examples of courses: [2]		
FR317–319	French Survey	
GER340–341	Introduction to German Culture and Society	
400-level literature courses taught in language of focus		
Option for Chinese, Greek, Hebrew, Latin, Japanese, Russian, or Swedish work		
Examples of courses: [3]		
CHN301–303	Third-Year Chinese	
HBRW311–313	Biblical Literature	
RUSS316–318	Third-Year Russian	
Core Courses		
Two lower-division COLT electives		8
300-level COLT elective		4
COLT301	Approaches to Comparative Literature	4
Select one of the following:		4
COLT302	Theories of Poetry	
COLT303	Theories of the Novel	
COLT304	Theories of Drama	
COLT305	Cultural Studies	4
400-level COLT elective		4
COLT415	Capstone Seminar	4
Focus Fields Courses		
Four upper-division courses in primary national-linguistic tradition		16
Three upper-division courses in a secondary national-linguistic tradition (language and culture) or a nonliterary discipline (disciplines in dialogue)		12
Total Credits		**60**

1 With the approval of the director of undergraduate studies, courses taken abroad may be used to fulfill this requirement.

2 The third year entails the study of literature.

3 The third year will typically entail further training in grammar and oral production.

Honors in Comparative Literature

Comparative literature students may petition to enter the honors track during spring of their junior year. Admission to the honors track is based on the recommendation of a comparative literature faculty member or a participating faculty member. Completion of the honors track requires the successful completion of a bachelor of arts honors thesis and an additional 400-level elective. During the Capstone Seminar (COLT415), typically taken during fall of senior year, honors students develop and present a thesis prospectus. The thesis must be comparative in nature, and should entail work in both of the student's focus fields. If the prospectus is approved by both the seminar leader and the student's thesis advisor, then the student enrolls in Thesis (COLT403) during winter of senior year. The thesis is completed under the supervision of the thesis advisor, and must be submitted to both the advisor and a second reader by the fifth week of spring term. The thesis must then be approved by the advisor and second faculty member after a formal presentation. Both thesis advisor and second reader should be chosen from the comparative literature faculty or participating faculty.

Minor Requirements

The comparative literature minor offers an opportunity for students to pursue an interest in world literature and film without advanced language study.

COLT301	Approaches to Comparative Literature	4
Four COLT courses (at least two upper-division courses)		16
Two upper-division literature or film courses in same subject area [1]		
Total Credits		**20**

1 Courses may be taught within the Department of Comparative Literature or in other departments and may be taken abroad or away from the University of Oregon

- **Doctor of Philosophy**

Graduate Studies

The graduate program in comparative literature is founded on the conviction that literary traditions are best understood when contextualized across national and cultural boundaries. To thrive professionally, every scholar in the discipline must be closely trained in a primary national literature, proficient in at least three languages, and attuned to the importance of philology, bibliography, and linguistic training. At the same time, a commitment to comparative study requires a firm grasp of translation among languages and media and the history of reading practices, as well as aesthetic and cultural theory.

Students are admitted to the graduate program with the expectation that they will work toward the PhD degree. At present the Department of Comparative Literature does not offer a terminal master's degree. Instead, students become eligible for the MA on passing their PhD qualifying exams.

Admission

A complete application for admission includes the application form, a transcript of college- and graduate-level work, three letters of recommendation, a statement of purpose, and a 10- to 20-page sample in English of critical writing about literature. Graduate Record Examination scores are not required but are highly recommended. The application deadline is January 15 for entrance the following fall term. Application information and forms can be obtained from the department website.

Candidates for admission typically have an undergraduate major in one literature and competence in two of the following languages

that are taught at the University of Oregon: Arabic, Chinese, French, German, Greek (classical), Hebrew (biblical), Italian, Japanese, Korean, Latin, Portuguese, Russian, Spanish, and Swedish. Under special circumstances, arrangements may be made with the director of graduate studies to study other literatures.

Overview of Requirements

Within their first three years of graduate study, students must complete the language requirement, six foundation courses, at least five courses in the primary field, and at least four courses in the secondary field. In addition, students select at least three elective courses in consultation with their faculty advisors; these courses may be tangential to their main research interests or distributed according to those interests. The foundation courses include Graduate Studies in Translation (COLT613), Graduate Studies in Comparative Literature (COLT614), Graduate Studies in Comparative Literature (COLT615), Transmedial Aesthetics (COLT616), and at least two other graduate-level COLT courses. Courses applied to the degree must be passed with a grade of B+ or better, and students must maintain a grade point average of at least 3.50 in all graduate-level courses in order to remain in good standing in the program.

After completing all course work and language requirements, students are eligible to take their written and oral PhD qualifying examinations. Following successful completion of the exams, students submit a prospectus and meet with their committees for the prospectus conversation. A satisfactory prospectus conversation is required for advancement to candidacy. The approximate time from completion of course work to advancement is one year. Typically, the dissertation is completed within two years of advancing to candidacy.

Foundation Courses

The graduate program provides a solid foundation in theoretical and historical methods integral to comparative literature and relevant to working across national literary traditions, historical periods, theoretical paradigms, and media. Through these courses, students are expected to acquire a comprehensive understanding of scholarly method, encountering not only contemporary texts and theorists but also the history of the field, including the central controversies, crucial debates, and cultural contexts that have shaped its development. The student must complete six graduate-level foundation courses; these courses are Graduate Studies in Translation (COLT613),Graduate Studies in Comparative Literature (COLT614), Graduate Studies in Comparative Literature (COLT615), Transmedial Aesthetics (COLT616), and two others selected from among the COLT graduate course offerings.

Primary Field

The majority of comparative literature graduates are hired to teach in national literature departments and not in interdisciplinary programs. For this reason it is crucial that students develop a primary research field that is based either in a single national literature (e.g., Japanese literature) or in a single linguistic-cultural tradition that crosses national boundaries (e.g., Latin American literature). Depending on the relative breadth of a student's prior training, the primary field may be further delimited according to a period (e.g., postwar Japan) or a genre (e.g., German drama) or even an artistic movement (e.g., French postmodernism).

The student must complete five graduate-level courses in the primary field; at least three of the courses should share the same department subject code.

Secondary Field

This field complements the research within the primary field, either by providing counterpoint or a needed context. There are three ways to define one's secondary field. Most commonly, it represents a second national literature (e.g., Spanish literature) or a linguistic-cultural tradition that crosses national boundaries (e.g., Latin American literature). In addition, where two or more national-linguistic traditions share a common literary history—for example, within a given region or artistic movement—the secondary field may be defined in comparative terms (e.g., the Continental Renaissance, Caribbean literature, or East Asian film). Finally, the secondary field can eschew literary categories altogether in order to represent an alternative disciplinary focus (e.g., religious studies).

At least four graduate-level courses must be taken in the secondary field. Three of them should share the same department subject code. At the discretion of the director of graduate studies, the three courses with shared subject code may be spread out over the secondary, foundation, and elective fields.

Electives

Three of the program's required 18 graduate-level courses are electives and should be chosen in consultation with an advisor. The electives may cover a wide range of interests or may be carefully distributed among the three research fields to fill gaps or achieve greater depth. Some students may wish to devote their electives to a fourth field of research (e.g., a third national literature). Students hoping to pursue this option are urged to meet with the director of graduate studies as soon as possible.

Language Requirement

Work in at least three languages is expected at all phases of the program, from course work to the dissertation. The language requirement addresses this expectation by ensuring both linguistic proficiency and a minimum level of graduate course work in all three languages. Students are required to complete graduate-level work in their languages. The following guidelines apply: (1) at least two graduate courses must be taken in each language to meet this requirement and should ideally be taught by a specialist in the target language; (2) the seminar paper for each course should demonstrate competency dealing with the target language and should be suitable for publication in the national literature field. The seminar paper for each of the two non-English languages must be submitted to the department at the end of the course for approval. The language requirement must be satisfied by the end of the third year.

Timetable from Entrance to Examinations

Advisors

During their first two terms of study (fall and winter), students are advised by the director of graduate studies. By Monday of week two of the third term, each student formally identifies an interim advisor—a faculty member who agrees to mentor the student through the completion of the first-year conversation and the first two terms of the second year.

By Monday of week two of the spring term of the second year, the student will have chosen his or her advisor of record. This advisor, who will be competent in the student's primary research interests, will mentor the student through the second-year review and the third year of study.

First-Year Statement

By Friday of week four of spring term, first-year students, in consultation with their interim advisors, submit a two- to three-page statement of

purpose. It should identify and justify the primary and secondary fields the student intends to pursue—the general fields of study that form the backbone of a scholar's research profile. It should also clarify the relationship between the students' research languages and research fields, and indicate what linguistic study is necessary to complete the proposed course of study.

First-Year Conversation

In week six or seven of spring term, the first-year student, his or her interim advisor, the director of graduate studies, and one other comparative literature faculty member meet for a conversation about the first-year statement. They evaluate the student's progress to date, including course work and language examinations, discuss the intended fields, and offer guidance for the remaining two years leading to the qualifying examination. With their approval of the statement and the student's general plan, as well as successful completion of all first-year course work with a GPA of at least 3.50, the student may proceed to the second year. A brief memo summarizing the conversation, written by the student, is due to the department by Wednesday of week eight.

Second-Year Review

By Monday of week two in spring term of the second year, a student will have chosen the advisor of record. In consultation with that advisor, the student must write a careful self-review of his or her progress to date. The review should revisit both the first-year statement and the report of the first-year conversation. In particular, any recommendations made by the first-year conversation committee should be assessed: how were these recommendations pursued and with what result? The designation of the three research fields should also be addressed, along with any shifts in focus that have proved necessary or desirable. The review should explain what course work remains to be completed, and, where appropriate, should outline a plan for the completion of that work. Any problems in performance or concerns about timely progress should also be addressed. The second-year review must be approved by the advisor of record and submitted by Monday of week eight of spring term. The graduate committee reviews these reports, and small revisions and clarifications may be required before they approve the document. With approval of the second-year review and completion of all second-year course work with a GPA of at least 3.50, the student may proceed to the third year.

Third-Year Article

At the end of the second year, as part of preparation for publication in the field, students are required to begin expanding a seminar paper into an article for submission to a journal. During the first term of the third year, the student will work on the article in consultation with an advisor and the director of graduate studies in preparation for submitting it for peer review. By Friday of week 10 of fall term of the third year, the student will submit this article to the department along with a cover letter addressed to an appropriate journal. This process is meant to provide step-by-step guidance in publishing before the student advances to candidacy.

Course Work and Language Requirement Completion

The program is designed so that students may complete all course work and language requirements by the end of their third year. By Friday of week nine of spring term of the third year, students submit the Course Work and Language Requirement Completion Form for approval by the director of graduate studies and the graduate committee.

PhD Degree Requirements

Foundation Courses		
Six foundation courses: the four listed below and two other graduate COLT courses.		
COLT613	Graduate Studies in Translation	4-5
COLT614–615	Graduate Studies in Comparative Literature	10
COLT616	Transmedial Aesthetics	5
Primary Field Courses		
At least five graduate courses [1]		
Secondary Field Courses		
At least four graduate courses [2]		
Electives		
At least three graduate courses [3]		

1. At least three of the courses should share the same departmental subject code.
2. Three courses should share the same departmental subject code. At the discretion of the director of graduate studies, the three courses with shared subject code may be spread out over the secondary, foundation, and elective fields.
3. Choose electives in consultation with an advisor.

Additional Requirements

- Successfully passing the PhD qualifying exams
- Writing dissertation prospectus
- Dissertation

Examination Committee

By the beginning of spring term of the third year, each student selects an examination committee consisting of the advisor of record and two additional faculty members. Of these three, one represents the student's primary field of research (commonly the advisor of record), another represents the secondary field, and a third member is designated the committee chair. The third member also serves as chief mentor for the student's foundation field, advising him or her on the reading list inclusions from that field. All members must sign an agreement form to participate in the exam committee, and all must approve the exam statement and reading list. By Monday of week two in spring term of the third year, students must submit their examination committee membership to the department. Students who have chosen an additional fourth field of research may choose to be tested in that field as well. The logistics of this option should be pursued with the director of graduate studies as early in the process as possible. The examination committee membership must be approved by the director of graduate studies.

Examination Statement and Reading List

In consultation with the exam committee members, each student determines his or her examination fields. These fields correspond to the primary, secondary, and foundation research fields, but are usually narrower and more specialized in scope. Students then devise a reading list covering each field. Each list should include approximately fifteen to twenty primary items (an item is an author and a work or works that represent the author's perspective as a whole). Each field list should also include a separate sublist of pertinent critical-secondary works. Exam committee members can provide assistance in choosing the works on this list.

Students must also compose a six- to eight-page statement that defines the student's core interests, defends the examination fields, clarifies the scope of the reading list, and offers some indication of the future dissertation project and career aspirations for which this reading list provides the necessary comprehensive background and preparation. After being approved by all the examiners, the exam statement and reading list are submitted to the department by the end of week nine in spring term of the third year. Prior to final approval, the exam statement and reading list are reviewed by the graduate committee, which may have additional recommendations and queries. Occasionally, these recommendations may be substantive enough to require additions to or deletions from the list and a resubmission process. Changes to the statement and list may be made no later than four weeks prior to the first written exam and must be approved by both the director of graduate studies and the examination committee members.

When the graduate committee and director of graduate studies have approved the Course Work and Language Requirements Completion Form and the exam statement and reading list, the student may proceed with the examination process.

Overview of Fourth Year

The fourth year is dedicated to completing the doctoral examinations and writing the dissertation prospectus. Typically, students prepare for the exams over the summer and early fall, sit for the written and oral exams by the end of fall term, and complete the prospectus by the middle of spring term. The prospectus conversation must be held by the beginning of week 10 of spring term in the fourth year, so that students may advance to candidacy in a timely manner at the end of spring term.

Written Examination

In this phase, students compose three essays over three 24-hour periods spread out over three weeks (weeks five, six, and seven of fall term in the fourth year). The first essay covers the primary field, with questions submitted by the examiner representing that field; the second covers the secondary field in the same manner; the third essay is comparative, addressing texts from both the primary and secondary fields, with questions submitted by all three examiners. For the primary and secondary field exams, students choose between two questions; for the comparative exam, they choose one of three questions. No exam will cover the foundation field. Instead, the examiners will explore the full gamut of the student's reading list with questions designed to ascertain the student's mastery of his or her methods as applied to the primary and secondary fields.

The three examiners all grade and comment on the comparative essay and read the field exams. The two field exams are graded separately and commented upon by the responsible examiners, except in the case of a failing grade. In this circumstance, the student's essay is graded by the other two examiners, as well. If two out of three examiners fail an essay, the student may retake the exam in that area in the following term. The exam may be retaken no more than once. If more than one of the student's essays fails, or if the student fails a retake exam, he or she does not proceed to candidacy, but may be eligible for a terminal master's degree. Grades for these exams are high pass, pass, or no pass. Students learn their exam results in week nine of fall term—that is, two weeks after completion of the final essay.

Oral Examination

The oral examination is scheduled during week 10 or 11 of fall term; it is proctored by the exam committee chair and is usually two hours in length. The committee and the student revisit the written examinations, discussing areas of strength and weakness. In addition, the examiners may explore the student's expertise more deeply by asking questions about reading list materials not covered during the written exams.

While no grade is assigned for performance on the oral exam, the committee may determine recommendations and even requirements for future study, including retaking the oral examination. Recommendations are communicated in person to the student at the conclusion of the exam and in writing to the director of graduate studies as part of the committee chair's report on the exam. If substantive requirements or concerns have been articulated, the director of graduate studies will determine any official course of action to be taken.

For students who have failed one or more parts of the written exam, no oral examination will be held; instead, the time designated for the oral exam will be dedicated to a meeting with the student, the exam committee, and the director of graduate studies. Participants review the exam performance, discuss a possible retake exam, and/or review the advisability of a terminal master's degree.

Prospectus and Doctoral Candidacy

By Friday of week five of winter term in the fourth year, the student must designate a dissertation committee, including the dissertation chair and outside reader. The director of graduate studies must approve this committee. For details concerning faculty eligibility, students should refer to the Graduate School's Dissertation Committee Policy at gradschool.uoregon.edu/committee-policy.

Committee members should be consulted during the process of writing the dissertation prospectus. A first draft of the prospectus should be submitted to the members of the dissertation committee by Friday of week 10 of winter term. A completed draft of the prospectus, approved by all four committee members, must be submitted by Friday of week five of spring term in the fourth year. After final approval from the director of graduate studies, the prospectus conversation is scheduled between weeks seven and nine of spring term.

A prospectus is not a first dissertation chapter; it is a snapshot of the dissertation project as envisioned by the student, prior to the completion of the bulk of his or her research. The prospectus is typically 10 to 15 pages in length. It should include a clear, concise examination of the problem to be studied, along with a compelling sense of the larger issues at stake in the project, both for the immediate topic and for the field at large. In addition, the prospectus should provide a clear vision of the project's trajectory: a narrative account of the dissertation's structure, an outline of chapters, and a justification for the particular authors and texts to be examined. A substantial research bibliography should be appended.

Prospectus Conversation

The prospectus conversation is scheduled between weeks seven and nine of spring term in the fourth year. This conversation, which includes the members of the dissertation committee, is facilitated by the committee chair and helps to develop the student's plans for the dissertation. Areas of strength and weakness in the project are discussed, and specific recommendations about structure, bibliography, and method are presented. After successful completion of this conversation, and with approval of the director of graduate studies and the graduate committee, the student advances to candidacy.

Dissertation

The dissertation, which is defended in a final oral presentation, is typically completed within two years of advancement to candidacy. Dissertations

in a discipline such as comparative literature can hardly be said to follow exact specifications, but as a general principle any such project should involve at least two authors, works, and national literatures, and an explicit methodological orientation.

Courses

COLT101. Introduction to Comparative Literature. 4 Credits.
Introduction to the comparative study of literature. Emphasis on literary genre, world literature, historical period.

COLT102. Introduction to Comparative Literature. 4 Credits.
Introduction to the comparative study of literature. Emphasis on world literature in its social and political contexts.

COLT103. Introduction to Comparative Literature. 4 Credits.
Study of visual culture from around the world.

COLT198. Workshop: [Topic]. 1-2 Credits.
Repeatable.

COLT199. Special Studies: [Topic]. 1-5 Credits.
Repeatable.

COLT211. Comparative World Literature. 4 Credits.
Explores literature from a global standpoint. Examines movement of literary forms (e.g., genres, motifs, rhetorical modes) from one culture, region, historical epoch to the next.

COLT212. Comparative World Cinema. 4 Credits.
Introduces the principles of comparative analysis, exploring the aesthetic, ideological, and socio-economic exchanges between national cinematic traditions. Themes vary by instructor. Recent themes include Melodrama, Zombies, Queer Cinema.

COLT231. Literature and Society. 4 Credits.
Introduction to the interdisciplinary study of literature in relation to society and politics. Draws on perspectives from political science, law, sociology, and related fields.

COLT232. Literature and Film. 4 Credits.
Introduction to the interdisciplinary study of literature and film. Draws on perspectives from cinema studies, media aesthetics, and related fields.

COLT233. Literature and Science. 4 Credits.
Introduction to the interdisciplinary study of literature in relation to science and technology. Draws on perspectives from the philosophy of science, history of science and the sociology of knowledge.

COLT301. Approaches to Comparative Literature. 4 Credits.
Introduction to theory and methods in comparative literature, with some attention to the history and problems of the discipline. Emmerich.

COLT302. Theories of Poetry. 4 Credits.
Introduction to the study of poetry and poetic form from a world perspective. Offered alternate years.

COLT303. Theories of the Novel. 4 Credits.
Introduction to the study of narrative and the novel from a world perspective. Offered alternate years.

COLT304. Theories of Drama. 4 Credits.
Introduction to the study of drama and performance from a world perspective. Offered alternate years.

COLT305. Cultural Studies. 4 Credits.
Introduction to the interdisciplinary study of cultural discourses and practices.

COLT350. Comparative Literature: [Topic]. 4 Credits.
Recent topics include Art of Translation, Madness and Creativity.

COLT360. Gender and Identity in Literature. 4 Credits.
Introduction to the study of gender in literature, from Asia to Europe to the Americas, and from the classics to the late 20th century.

COLT370. Comparative Comics. 4 Credits.
Examines genre of narrative from a comparative and global standpoint, reviewing the impact of comics and other visual media on questions of national, regional, and ethnic identity. Offered alternate years.

COLT380. Comparative Media: [Topic]. 4 Credits.
Critical analysis of a range of media from a transnational and/or intercultural perspective. Taught as a hybrid course blending face-to-face and online learning. Recent topics include Tokyo Cyberpunk, Asian Horror, Listening to Cinema. Repeatable thrice for a maximum of 16 credits.

COLT399. Special Studies: [Topic]. 1-5 Credits.
Repeatable.

COLT401. Research: [Topic]. 1-21 Credits.
Repeatable.

COLT403. Thesis. 1-12 Credits.
Repeatable.

COLT405. Reading and Conference: [Topic]. 1-21 Credits.
Repeatable.

COLT407. Seminar: [Topic]. 1-5 Credits.
Repeatable.

COLT408. Workshop: [Topic]. 1-21 Credits.
Repeatable.

COLT410. Experimental Course: [Topic]. 1-5 Credits.
Repeatable.

COLT415. Capstone Seminar. 4 Credits.
Senior seminar for all comparative literature students includes development and presentation of an original research project.

COLT440. Studies in Genre: [Topic]. 4 Credits.
Analysis of specific literary genres, modes, or both (e.g., lyric poetry, comedy, allegory). Repeatable when topic changes. Offered every two to three years.

COLT450. Comparative Studies in Cinema: [Topic]. 4 Credits.
Advanced consideration of the aesthetic (including literary) and cultural contexts of world film. Repeatable twice when topic changes for maximum of 12 credits.

COLT460. Major Theorists: [Topic]. 4 Credits.
Concentrates on the work of a single literary or cultural theorist (e.g., Walter Benjamin, Jacques Derrida, Gayatri Spivak). Repeatable when topic changes. Offered every two to three years.

COLT461. Studies in Contemporary Theory: [Topic]. 4 Credits.
Identifies issues in literary or cultural theory for close examination. Repeatable twice when topic changes for maximum of 12 credits.

COLT462. Cultural Intersections: [Topic]. 4 Credits.
Studies designated issues between literatures and societies remote from one another, e.g., "minor" and "major" cultures, Asia and the West. Repeatable twice when topic changes for maximum of 15 credits.

COLT470. Studies in Identity: [Topic]. 4 Credits.
Advanced study of gender, ethnicity, and other identity formations in literature. Repeatable when topic changes. Offered every two to three years.

COLT490. Literature and Philosophy: [Topic]. 4 Credits.
Establishes a dialogue between philosophy and literature—as disciplines, as historical constructions, as value systems. Repeatable twice when topic changes for maximum of 15 credits.

COLT503. Thesis. 1-16 Credits.
Repeatable.

COLT507. Seminar: [Topic]. 1-5 Credits.
Repeatable.

COLT508. Workshop: [Topic]. 1-21 Credits.
Repeatable.

COLT510. Experimental Course: [Topic]. 1-5 Credits.
Repeatable.

COLT540. Studies in Genre: [Topic]. 4 Credits.
Analysis of specific literary genres, modes, or both (e.g., lyric poetry, comedy, allegory). Repeatable when topic changes. Offered every two to three years.

COLT550. Comparative Studies in Cinema: [Topic]. 4 Credits.
Advanced consideration of the aesthetic (including literary) and cultural contexts of world film. Repeatable twice when topic changes for maximum of 12 credits.

COLT560. Major Theorists: [Topic]. 4 Credits.
Concentrates on the work of a single literary or cultural theorist (e.g., Walter Benjamin, Jacques Derrida, Gayatri Spivak). Repeatable when topic changes. Offered every two to three years.

COLT561. Studies in Contemporary Theory: [Topic]. 4 Credits.
Identifies issues in literary or cultural theory for close examination. Repeatable twice when topic changes for maximum of 15 credits.

COLT562. Cultural Intersections: [Topic]. 4 Credits.
Studies designated issues between literatures and societies remote from one another, e.g., "minor" and "major" cultures, Asia and the West. Repeatable twice when topic changes for maximum of 15 credits.

COLT570. Studies in Identity: [Topic]. 4 Credits.
Advanced study of gender, ethnicity, and other identity formations in literature. Repeatable when topic changes. Offered every two to three years.

COLT590. Philosophical Problems and Literary Contexts: [Topic]. 4-5 Credits.
Establishes a dialogue between philosophy and literature—as disciplines, as historical constructions, as value systems. Repeatable twice when topic changes for maximum of 15 credits.

COLT601. Research: [Topic]. 1-16 Credits.
Repeatable.

COLT603. Dissertation. 1-16 Credits.
Repeatable.

COLT605. Reading and Conference: [Topic]. 1-16 Credits.
Repeatable.

COLT607. Seminar: [Topic]. 1-5 Credits.
Repeatable.

COLT608. Colloquium: [Topic]. 1-16 Credits.
Repeatable.

COLT610. Experimental Course: [Topic]. 1-5 Credits.
Repeatable.

COLT613. Graduate Studies in Translation. 4-5 Credits.
Approaches to literary translation in its theoretical, practical and pedagogical dimensions.

COLT614. Graduate Studies in Comparative Literature. 5 Credits.
Overview of the state of the discipline. Treats historical and theoretical developments in literary studies including philology and cultural studies; reconsiders the place of comparative literature in a global, pluralistic curriculum.

COLT615. Graduate Studies in Comparative Literature. 5 Credits.
Survey of contemporary literary theory.

COLT616. Transmedial Aesthetics. 5 Credits.
Approaches to the analysis of film, photography, video, and new media. Emphasis on intersections between comparison and media theory.

Computer and Information Science

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Computer science, the study of computation, offers students the challenge and excitement of a dynamically evolving science whose discoveries and applications affect every aspect of modern life. Computer science is a rich intellectual field where practitioners apply a computational approach to address a wide variety of interesting and challenging problems. Computer scientists are engaged in research in core areas of theoretical computer science, computer systems design, algorithms, and programming languages, as well as more application-oriented areas such as databases, networking, and informatics.

The Department of Computer and Information Science (CIS) is committed to a strong research program and a rewarding educational experience for undergraduate and graduate students.

The department offers instruction and opportunities for research in the following areas:

- theoretical computer science
- computational science
- scientific visualization and high-performance computing
- human-computer interaction, visualization
- computer security
- software engineering
- networking
- parallel and distributed computing
- programming languages and compilers
- artificial intelligence
- informatics
- universal access

The department offers bachelor’s, master’s and doctoral degrees; in addition, two undergraduate minors and a selection of service courses are offered for students who want introductory exposure to computers and computer applications. The computer science programs at the university are continually evolving as the discipline matures and as students’ needs change.

Facilities

The Department of Computer and Information Science is housed in Deschutes Hall, which holds faculty and graduate student offices and extensive laboratory space for research and instruction.

Undergraduate majors may use campus computing labs staffed by CIS undergraduate tutors and lab assistants. Undergraduate majors taking upper-division courses and graduate students share a collaborative computing lab for the exclusive use of CIS students. Graduate and undergraduate students engaged in active research also have access to the computing facilities of the associated research lab.

The cognitive modeling and eye-tracking laboratory features multiple Eyegaze eye trackers and a Tobii T60 eye tracker, used to collect and analyze the eye movements people make during human-computer interactions, and to develop eye-controlled user interfaces for people with disabilities. The lab also features a VRSonic SoundSim Cube spatialized audio server used to explore three-dimensional sound perception.

Research in high-performance computing and computational science is supported by resources shared among the department, the Computational Science Institute, and the Neuroinformatics Center. In addition, the University of Oregon, through a Major Research Instrumentation Program grant from the National Science Foundation, has created a large-scale computational and storage resource to support multidisciplinary scientific research. The Applied Computational Instrument for Scientific Synthesis (ACISS) is a heterogenous platform managed as a cloud system for computational science, informatics, and data science.

The Advanced Integration and Mining Laboratory fosters research on finding useful patterns from the mountain of data on biology, health, medicine,neuroscience, physiology, and social networks and on integrating data from structurally and semantically heterogeneous resources such as databases, the World Wide Web, and the Semantic Web.

The Oregon Network Research Group Laboratory features an array of high-end servers, experimental test beds, and mass storages for developing and testing of new network protocols, conducting large-scale network measurement and data analysis.

The Network Security Laboratory features hardware and software facilities devoted to simulation, analysis, and experimentation of various computer networking techniques (such as Internet routing, software-defined networking, online social networking, and cloud networking) and network defense algorithms and mechanisms (such as monitoring of the Internet, network forensics, Internet privacy, Internet of Things security, and attack analysis and detection).

The Ubiquitous Computing Laboratory uses a mix of custom-designed and commercial hardware to study the application of assistive software to everyday living. Researchers are particularly interested in the design of software for those with impairments that limit their use of commercial, off-the-shelf software.

The Research Group on Computing and Data-Understanding at Extreme Scale pursues problems in scientific visualization, high-performance computing, scientific computing, information visualization, and computer graphics, and especially focuses on problems where these areas intersect. The group performs research for the Department of Energy, the National Science Foundation, and private companies, delivered in widely used software tools such as the VisIt visualization tool, and helps develop new tools, like GraviT, a distributed-memory parallel ray-tracing library.

In the Computer Architecture and Embedded Systems Laboratory, students and researchers investigate next-generation computing systems, including emerging micro-architecture design techniques, architectures based on novel substrates, many-core high-performance architectures, power-efficient computing, intelligent network-on-chip designs, self-aware computing, cyber-physical systems, secure and resilient hardware design, approximate computing, and adaptive, real-time sensor data processing. The laboratory's applications of interest include renewable energy, transportation infrastructure, health care, environmental monitoring, smart homes, and urban security.

The High-Performance Computing Laboratory conducts research in several areas, including static analysis of software for building performance models and detecting security vulnerabilities, source-to-source approaches for semantics-preserving (e.g., performance optimization) and semantics-modifying (e.g., security vulnerability fixes, automatic differentiation) transformations. The lab also performs research in modeling run-time characteristics of software, and developing and employing numerical optimization techniques for maximizing multiple run-time objectives (performance, energy efficiency, resilience).

Software engineering is applied to two emerging areas: data science and the Internet of Things. The Flare Project is exploring new tools for data scientists. The project involves working with data science frameworks (e.g. Galaxy), new workflow programming languages, and open cloud software (e.g., OpenStack) to support it all. The Foundry Project is exploring software frameworks to support the Internet of Things with a specific emphasis on reworking distributed algorithms that were devised in an era when cyber-security was less of a threat.

In addition, the university is a member of Internet2, a high-speed network connecting major research institutions.

Careers

The undergraduate program is designed to prepare students for professional careers or graduate study. The field of computer science, which has become increasingly interdisciplinary over the past decade, offers a rich array of opportunities in fields as disparate as medicine, manufacturing, and the media as well as the computer industry.

Graduates come away with confidence that they can specify, design, and build large software systems; analyze the effectiveness of computing techniques for a specific problem; and work effectively in problem-solving teams. The master of arts (MA) and master of science (MS) degree programs prepare students for higher-level positions in the areas described above as well as for teaching positions in community colleges. The PhD degree program trains students as scientists for advanced research in specialized areas of computer science and for teaching in universities.

Faculty

Zena M. Ariola, professor (programming languages, lambda calculus, logic). BS, 1980, Pisa; PhD, 1992, Harvard. (1992)

Hank Childs, associate professor (scientific visualization, high-performance computing, computer graphics). BS, 1999, PhD, 2006,California, Davis. (2013)

Dejing Dou, associate professor (artificial intelligence, information integration, data mining). BE, 1996, Tsinghua; MS, 2000, PhD, 2004, Yale. (2004)

Stuart Faulk, instructor. BA 1973, Cornell; PhD, 1989, North Carolina, Chapel Hill. (1989)

Stephen F. Fickas, professor (requirements engineering, software engineering, wearable ubiquitous computing). BS, 1971, Oregon State; MS, 1973, Massachusetts; PhD, 1982, California, Irvine. (1982)

Kathleen Freeman Hennessy, instructor; director of undergraduate studies. BS, 1982, Bucknell; PhD, 1993, Oregon. (2011)

Michael Hennessy, senior instructor. BS, 1982, MS, 1984, Oregon. (1984)

Anthony J. Hornof, associate professor (human-computer interaction, cognitive modeling, eye tracking). BA, 1988, Columbia; MS, 1996, PhD, 1999, Michigan. (1999)

Michel A. Kinsy, assistant professor (computer architecture interconnection networks, cyberphysical systems, hardware security). BS, BSE, 2007, Arizona State; MS, 2009, PhD, 2013, Massachusetts Institute of Technology. (2014)

Jun Li, associate professor (computer and network security, network architectures and protocols, distributed systems). BS, 1992, Peking; ME, 1995, Chinese Academy of Sciences; MS, 1998, PhD, 2002, California, Los Angeles. (2002)

Daniel Lowd, assistant professor (machine learning, data mining, artificial intelligence). BS, 2003, Harvey Mudd College; MS, 2005, PhD, 2010, Washington (Seattle). (2009)

Allen D. Malony, professor (parallel processing, performance evaluation, neuroinformatics). BS, 1980, MS, 1982, California, Los Angeles; PhD, 1990, Illinois, Urbana-Champaign. (1991)

Boyana Norris, associate professor (high-performance computing, source-code analysis and transformation) BS, 1995, Wake Forest; PhD, 2000, Illinois, Urbana-Champaign. (2013)

Andrzej Proskurowski, professor. MS, 1967, Warsaw Technical; PhD, 1974, Royal Institute of Technology, Stockholm. (1975)

Reza Rejaie, professor (computer networks, multimedia networking, network measurement). BS, 1991, Sharif University of Technology; MS, 1996, PhD 1999, Southern California. (2002)

Joseph Sventek, professor (complex event processing, Internet of Things). BS, 1973, Rochester; PhD, 1979, California, Berkeley. (2014)

Dave Wilkins, instructor. BA, 1965, Whitman College; MS, 1971, Oregon (2010)

Eric D. Wills, senior instructor. BS, 2000, MS, 2002, PhD, 2008, Oregon. (2010)

Christopher B. Wilson, associate professor (computational complexity, models of computation). BS, 1978, Oregon; MS, 1980, PhD, 1984, Toronto. (1984)

Michal Young, associate professor (software engineering, software test and analysis). BA, 1983, Oregon; MS, 1985, PhD, 1989, California, Irvine. (1997)

Emeriti

Sarah A. Douglas, professor emerita. AB, 1966, California, Berkeley; MS, 1979, PhD, 1983, Stanford. (1983)

Arthur M. Farley, professor emeritus. BS, 1968, Rensselaer Polytechnic Institute; PhD, 1974, Carnegie-Mellon. (1974)

Virginia M. Lo, associate professor emerita. BA, 1969, Michigan; MS, 1977, Pennsylvania State; PhD, 1983, Illinois, Urbana-Champaign. (1984)

Eugene M. Luks, professor emeritus. BS, 1960, City University of New York, City College; PhD, 1966, Massachusetts Institute of Technology. (1983)

Kent A. Stevens, professor emeritus. BS, 1969, MS, 1971, California, Los Angeles; PhD, 1979, Massachusetts Institute of Technology. (1982)

The date in parentheses at the end of each entry is the first year on the University of Oregon faculty.

Participating

John S. Conery, biology

Amy K. Lobben, geography

Jeffrey Stolet, music

Joseph W. Thornton, biology

Don M. Tucker, psychology

- **Bachelor of Arts**
- **Bachelor of Science**
- **Computer and Information Science Minor**
- **Computer Information Technology Minor**

Undergraduate Studies

The Department of Computer and Information Science offers a major and a minor in computer and information science, a major in mathematics and computer science, and a minor in computer information technology.

The computer and information science major is intended for students who want to study computers and computation with strong mathematical and scientific foundations. The mathematics and computer science major emphasizes formal and abstract problem solving complemented by computational methods and computer technologies. This program, administered jointly with the Department of Mathematics, is described in the **Mathematics and Computer Science** section of this catalog. Both of these majors lead to the bachelor of arts (BA) or bachelor of science (BS) degrees.

Students majoring in computer and information science may choose to focus their studies in one of several areas of specialization, or tracks, which build on the standard CIS core requirements. In addition, each track specifies a set of coordinated choices for fulfilling upper-division computer science and other elective requirements. Students interested in specializing in a track should contact their advisor as early as possible. Current computer science tracks include foundations, software development, computer networks, database and informatics, computational arts: multimedia, business information systems, computational science, and security.

Preparation

High school students who plan to major in computer and information science should pursue a strong academic program, including substantial work in mathematics and the sciences. Courses in algebra, geometry, trigonometry, and more advanced topics should be included. Substantial experience in expository and technical writing is highly desirable. Courses in computer programming or computer technology are useful but not required. Upon arrival at the university, freshmen should consult with a CIS advisor to find the entry-level course best suited to the student's background.

Transfer and Second Baccalaureate Students

Transfer and second baccalaureate students should consult the online Interactive Transfer Catalog as well as a CIS advisor to determine whether computer science, mathematics, and science courses they have taken fulfill the major requirements. Completing only general-university requirements prior to transferring to the University of Oregon may not be sufficient preparation to complete a CIS degree in two years.

Students attending community college in Oregon are encouraged to obtain the Associate of Arts Oregon Transfer degree before entering the University of Oregon. While earning this degree, community college transfer students should take discrete mathematics and computer science. In addition, calculus and laboratory science are recommended.

Bachelor of Arts Degree Requirements

To earn a BA in computer and information science, majors must complete the requirements for a BS in addition to demonstrating proficiency in a second language. Computer and information science majors must complete at least 60 credits of CIS courses, of which 24 must be earned in residence at the University of Oregon. In addition, majors must complete 28 credits in mathematics, 12 credits in the sciences, and 4 credits of technical or business writing. The specific requirements for the CIS major fall into six categories: core courses, track courses, electives, mathematics, writing, and science. Core courses in the lower division must be passed with a grade of B– or better for automatic advancement to the upper-division core courses. Upper-division core courses must be passed with a grade of C– or better.

Core Courses: Lower Division		
CIS210–212	Computer Science I-III	12
MATH231–232	Elements of Discrete Mathematics I-II	8
Core Courses: Upper Division		
CIS313	Intermediate Data Structures	4
CIS314	Computer Organization	4
CIS315	Intermediate Algorithms	4
CIS330	C/C++ and Unix	4
CIS415	Operating Systems	4
CIS422	Software Methodology I	4
CIS425	Principles of Programming Languages	4
Core Courses: Mathematics		
Select one of the following:		8
MATH251–252	Calculus I-II	
MATH261–262	Calculus with Theory I-II	
MATH246–247	Calculus for the Biological Sciences I-II	
Select two of the following:		8
MATH233	Elements of Discrete Mathematics III	
MATH253	Calculus III	
orMATH263	Calculus with Theory III	
MATH341	Elementary Linear Algebra	
MATH343	Statistical Models and Methods	
orMATH425	Statistical Methods I	
Core Courses: Science		
Select 12 credits from the following: [1]		12
Biology [2]		
CH111	Introduction to Chemical Principles	
orCH113	The Chemistry of Sustainability	
orCH221	General Chemistry	
orCH224H	Honors General Chemistry	
BI211,213	General Biology I,III	
orBI211–212	General Biology I-II	
Chemistry [2]		
CH221–223	General Chemistry	
orCH224H–226H	Honors General Chemistry	
Geography		
GEOG141	The Natural Environment	
Select two of the following:		
GEOG321	Climatology	
GEOG322	Geomorphology	
GEOG323	Biogeography	
Geological Sciences		
GEOL201	Earth's Interior Heat and Dynamics	
GEOL202	Earth Surface and Environmental Geology	
GEOL203	Evolution of the Earth	
Physics [2,3]		
PHYS201–203	General Physics	
orPHYS251–253	Foundations of Physics I	
Psychology		
PSY201	Mind and Brain	
PSY202	Mind and Society	
Select one of the following:		
PSY304	Biopsychology	
PSY330	Thinking	
PSY348	Music and the Brain	
Core Course: Writing		
WR320	Scientific and Technical Writing	4
orWR321	Business Communications	
Electives: Upper Division		
Upper-division CIS courses in student's chosen track (track information below)		12
Upper-division CIS courses in student's chosen track, honors thesis, capstone project, or other upper-division courses [4]		8

Upper-division mathematics or theoretical computer science course [5]	4
Total Credits	**104**

1. To support interdisciplinary study, studentson any trackare encouraged to complete a minor (typically 24–32 credits)or major in another field .Students who complete a minor or major in another field (other than in CIT or mathematics) may, with advisor approval, replace the CIS lab science requirement with the completed minor or major.
2. Students are encouraged to complete the accompanying lab courses.
3. Physics is recommended for networks track students.
4. A maximum of 8 credits in courses numbered 399-409. None of these courses can be taken for more then 4 credits when used to satisfy this requirement.
5. Themathematics elective is selected from mathematics courses with a prerequisite of Calculus II (MATH252) or higher, or from theoretical computer science courses. A list of theoretical computer science courses is available in the computer science office or the department website.

Bachelor of Science Degree Requirements

To earn a BS in computer and information science, majors must complete at least 60 credits of CIS courses, of which 24 must be earned in residence at the University of Oregon. In addition, majors must complete 28 credits in mathematics, 12 credits in the sciences, and 4 credits of technical or business writing. The specific requirements for the CIS major fall into six categories: core courses, track courses, electives, mathematics, writing, and science. Core courses in the lower division must be passed with a grade of B– or better for automatic advancement to the upper-division core courses. Upper-division core courses must be passed with a grade of C– or better.

Core Courses: Lower Division		
CIS210–212	Computer Science I-III	12
MATH231–232	Elements of Discrete Mathematics I-II	8
Core Courses: Upper Division		
CIS313	Intermediate Data Structures	4
CIS314	Computer Organization	4
CIS315	Intermediate Algorithms	4
CIS330	C/C++ and Unix	4
CIS415	Operating Systems	4
CIS422	Software Methodology I	4
CIS425	Principles of Programming Languages	4
Core Courses: Mathematics		
Select one of the following:		8
MATH251–252	Calculus I-II	
MATH261–262	Calculus with Theory I-II	
MATH246–247	Calculus for the Biological Sciences I-II	
Select two of the following:		8
MATH233	Elements of Discrete Mathematics III	
MATH253	Calculus III	
orMATH263	Calculus with Theory III	
MATH341	Elementary Linear Algebra	
MATH343	Statistical Models and Methods	
orMATH425	Statistical Methods I	
Core Courses: Science		
Select 12 credits from the following: [1]		12
Biology [2]		
CH111	Introduction to Chemical Principles	
orCH113	The Chemistry of Sustainability	
orCH221	General Chemistry	
orCH224H	Honors General Chemistry	
BI211,213	General Biology I,III	
orBI211–212	General Biology I-II	
Chemistry [2]		
CH221–223	General Chemistry	
orCH224H–226H	Honors General Chemistry	
Geography		
GEOG141	The Natural Environment	
Select two of the following:		
GEOG321	Climatology	
GEOG322	Geomorphology	
GEOG323	Biogeography	
Geological Sciences		
GEOL201	Earth's Interior Heat and Dynamics	
GEOL202	Earth Surface and Environmental Geology	
GEOL203	Evolution of the Earth	
Physics [2,3]		
PHYS201–203	General Physics	
orPHYS251–253	Foundations of Physics I	
Psychology		
PSY201	Mind and Brain	
PSY202	Mind and Society	
Select one of the following:		
PSY304	Biopsychology	
PSY330	Thinking	
PSY348	Music and the Brain	
Core Course: Writing		
WR320	Scientific and Technical Writing	4
orWR321	Business Communications	
Electives: Upper Division		
Upper-division CIS courses in student's chosen track (track information below)		12
Upper-division CIS courses in student's chosen track, honors thesis, capstone project, or other upper-division courses [4]		8
Upper-division mathematics or theoretical computer science course [5]		4
Total Credits		**104**

1 To support interdisciplinary study, studentson any trackare encouraged to complete a minor (typically 24–32 credits)or major in another field .Students who complete a minor or major in another field (other than in CIT or mathematics) may, with advisor approval, replace the CIS lab science requirement with the completed minor or major.

2 Students are encouraged to complete the accompanying lab courses.

3 Physics is recommended for networks track students.

4 A maximum of 8 credits in courses numbered 399-409. None of these courses can be taken for more then 4 credits when used to satisfy this requirement.

5 Themathematics elective is selected from mathematics courses with a prerequisite of Calculus II (MATH252) or higher, or from theoretical computer science courses. A list of theoretical computer science courses is available in the computer science office or the department website.

Upper-Division Electives

In addition to the core CIS, mathematics, science, and writing courses, computer and information science majors must complete 20 credits of upper-division computer science and 4 credits of upper-division mathematics or theoretical computer science. Students complete at least 12 of their upper-division CIS credits with courses from their selected track; the 8 remaining upper-division credits may be additional track courses, an honors thesis, capstone project, or upper-division electives.

A maximum of 8 credits in CIS courses, numbered 399–409, may be applied to the upper-division electives requirement. None of these courses may be taken for more then 4 credits when used to satisfy this requirement. Special Studies: [Topic] (CIS399) and Experimental Course: [Topic] (CIS410) courses used as upper-division electives must have a prerequisite of CIS 313 and have regular weekly class meetings and homework assignments.

The mathematics elective is selected from mathematics courses with a prerequisite of MATH 252 or higher, or from theoretical computer science courses. A list of courses is available in the computer science office or the department website.

Tracks

Tracks highlight areas of specialization within the department and guide student elective choices. Each track has an approved list of CIS courses, available from the computer science office orthe department website.Tracks may also include recommended science or mathematics courses or a recommended minor in another field.

Foundations Track

The foundationstrack is the most general track, allowing a student to choose a set of electives tailored to his or her interests and intended choice of career.

Software Development Track

The software development track prepares students for careers in software engineering, software project management, software quality assurance, and other areas involving the creation of software. Course work focuses on solving problems related to the cost of development as well as the quality of the software delivered in complex software projects.

Computer Networks Track

The computer networks track prepares students for careers as network systems administrators, network protocol developer-programmers, or network security specialists in a wide range of environments, including educational institutions, business enterprises, and government agencies, as well as for advanced graduate studies and research in the field of computer networks. Course work encompasses most aspects of network theory and practice.

Database and Informatics Track

The database and informatics track prepares students for careers in database application programming, database design, doctoral work in business administration, and graduate work in informatics and database theory. Course work includes data structures, data architecture, and data mining.

Computational Arts: Multimedia Track

The computational arts: multimedia track, designed for computer and information science majors who plan to work in the field of multimedia arts, prepares the student for artistic and technical aspects of this area.

Business Information Systems Track

Graduates in the business information systems track are qualified to work as analysts, managers, developers, or consultants, and to enter leadership-development programs. Completion of this track, combined with professional work experience and economics courses, prepares students to enter the Lundquist College of Business MBA program at the University of Oregon, and MBA programs at other universities.

Computational Science Track

The computational science track prepares students to apply computational and mathematical techniques to the analysis and management of biological data. Course work in this track combines depth in applied and formal aspects of computer science with rigorous training in biology.

Security Track

The security track provides a foundation in topics and concepts relating to the security of computer systems and networks.It prepares students to work as security analysts and provides a highly desirable skill set for all employers, ranging from software engineers to administrators, in both the private and government sectors.It also provides a foundation for further graduate study and research in security.Course work encompasses a strong understanding of computer systems and networks and their security, and can be tailored to a more theoretical or more applied focus.

Preparation for the Major

Students who take Computer Science I (CIS210) are expected to have completed Elementary Functions (MATH112) or the equivalent and to have prior programming experience from a high school course, through employment, or in a course such as Introduction to Programming and Problem Solving (CIS122). Students who are unsure about their level of programming preparation should meet with a CIS advisor.

Sequence of Courses for Students with Programming Experience and Mathematical Background

First Year		Credits
MATH231–232	Elements of Discrete Mathematics I-II	8

CIS210–212	Computer Science I-III	12
	Total Credits:	**20**

Sequence of Courses for Students without Programming Experience and Mathematical Background

First Year		
Fall		**Credits**
MATH112	Elementary Functions	4
Select one of the following: [1]		4
CIS105	Explorations in Computing	4
CIS122	Introduction to Programming and Problem Solving	4
CIS111	Introduction to Web Programming	4
Winter		
MATH231–232	Elements of Discrete Mathematics I-II [2]	8
CIS210–212	Computer Science I-III [2]	12
	Total Credits:	**28**

1 Taken either in first term or first year. Students are encouraged to take more then one course. CIS 122 strongly recommended.

2 Taken in either second term or second year.

Major Progress Review and Major in Good Standing

Each major must meet with a computer science advisor and file the Major Progress Review form while takingIntermediate Data Structures (CIS313) orComputer Organization (CIS314). Mathematics and CIS core courses and at least 12 credits of CIS upper division elective courses numbered 410 or higher must be taken for letter grades and passed with grades of C– or better. Other courses used to satisfy the major requirements may be taken for letter grades or pass/no pass. Grades of C– or better or P must be earned in these courses. At least 12 of the CIS upper-division credits applied to the degree must be taken in residence at the university. A student who receives two grades below C– in the upper-division core, or three grades below C– in any CIS upper-division courses, may be removed from the major.

Mathematics and Computer Science

The Department of Computer and Information Science and the Department of Mathematics jointly offer an undergraduate major in mathematics and computer science, leading to a bachelor of arts or a bachelor of science degree. This program is described in the Mathematics and Computer Science section of this catalog. This major prepares students for a wide range of careers in the high tech industry, for advanced graduate study, and for careers as middle school and high school teachers.

Honors Program

Students with a GPA of 3.50 or higher in computer and information science and a cumulative GPA of 3.00 or higher are encouraged to apply to the department honors program after completing Intermediate Data Structures (CIS313), Computer Organization (CIS314), Intermediate Algorithms (CIS315), and C/C++ and Unix (CIS330). The application form is available in the department office. To graduate with departmental honors, a student must write a thesis under the supervision of a faculty member.

Internships

Practical work experience in the software industry is seen as a valuable complement to academic course work. The department works with students to place them in internship positions in the summer and throughout the academic year. Students may also use the services of the UO Career Center and other agencies to identify internship opportunities. Majors may receive academic credit for internships. To earn upper-division elective credit for an internship, the work experience must be at a technical level beyond Intermediate Data Structures (CIS313) and be sponsored by a CIS faculty member. A contract signed by the faculty sponsor, internship supervisor, and the student must be filed with the department before the internship begins.

Research

Faculty members in the computer and information science department receive grants from government, industry, and private sources to conduct research in their areas of expertise. Undergraduate majors are encouraged to take part in the various research groups in the department. Most students begin approaching faculty members for such opportunities while taking the 300-level courses. Research can be used to fulfill upper-division electives, as part of an honors thesis, or in some cases as a paid internship.

Awards and Honor Societies

The Erwin and Gertrude Juilfs Scholarship in Computer and Information Science, in honor of Erwin and Gertrude Juilfs, is awarded to one or more students who show exceptional promise for achievement as evidenced by grade point average, originality of research, or other creative activities.

The Geoffery Eric Wright Outstanding Junior Award, in honor of CIS student Geoffery Wright, is a scholarship for students displaying high-quality academic performance, commitment to learning, and a promise of further outstanding achievement in computer and information science and its applications.

The J. Donald Hubbard Scholarship in Computer and Information Science, in honor of J. Donald Hubbard, recognizes an undergraduate or graduate student who shows outstanding promise in the fields of computer-human interaction, computer graphics, or multimedia.

The Phillip Seeley Scholarship in Computer and Information Science has been established as a permanent endowment to provide a source of income supporting a scholarship for outstanding undergraduate CIS students. This scholarship is based on overall quality of academic work, commitment to learning, and potential for further academic achievement. Preference is given to resident Oregon students with financial need, as determined by the UO Office of Student Financial Aid and Scholarships.

Students with outstanding academic accomplishments may be invited to become members of Upsilon Pi Epsilon, the international honor society in computer science.

Minor Requirements

Computer and Information Science Minor

The minor in computer and information science introduces the theories and techniques of computer science and develops programming skills that are applicable to the student's major. It is a strong complement to a

major in any of the sciences and in related fields such as multimedia arts. Students from all majors have found their career opportunities enhanced through the CIS minor.

Before enrolling in upper-division courses, students planning a minor in computer and information science must file an application form with the department. Each student should consult with a CIS faculty advisor to plan the minor program.

Courses applied to the CIS minor must be completed with grades of C– or better.

Lower-Division Courses		
CIS210–212	Computer Science I-III	12
MATH231–232	Elements of Discrete Mathematics I-II	8
Upper-Division Courses		
CIS313	Intermediate Data Structures	4
Electives [1]		8
Total Credits		**32**

[1] Classes number CIS 399-409 with departmental permission only

Computer Information Technology Minor

The minor in computer information technology (CIT) prepares students to work with evolving technologies for work environments that require development and management of web applications, databases, computer networks, open-source platforms, and cloud computing. It provides practical experience in understanding the tools and technologies of the computing field. It goes well with majors in the professional schools such as business and journalism and is an excellent match with almost any major on campus.

Before enrolling in CIT upper-division courses, students planning a minor in computer information technology must file an application form with the department. Each student should consult with an assigned CIT faculty advisor to plan the minor program.

Lower-division courses must be completed with grades of B– or better. Upper-division courses must be taken in sequence and are offered only once a year. Upper-division courses must be completed with grades of C– or better.

Lower-Division Courses		
Option 1:		12
CIS110	Fluency with Information Technology	
CIS111	Introduction to Web Programming	
CIT281	Web Applications Development I	
Option 2:		
CIS111	Introduction to Web Programming	
CIS115	Multimedia Web Programming	
CIT281	Web Applications Development I	
Upper-Division Courses		
CIT381	Database Systems	4
CIT382	Web Applications Development II	4
CIT383	Networking Fundamentals	4
Total Credits		**24**

- **Master of Arts**
- **Master of Science**
- **Doctor of Philosophy**

Graduate Studies

The department offers programs leading to the master of arts (MA), master of science (MS), and doctor of philosophy (PhD).

Master's Degree Program

Admission

Admission to the master's degree program in computer and information science is competitive. It is based on prior academic performance, Graduate Record Examinations (GRE) scores, and computer science background. Minimum requirements for admission with graduate master's status are as follows:

1. Documented knowledge of
   a. Principles of computer organization and operating systems
   b. Programming languages
   c. Program development and analysis
   d. Data structures and algorithm analysis
2. GRE scores on the general test. The computer science test is optional.
3. A score of at least 100 on the Internet-based option of the Test of English as a Foreign Language (TOEFL iBT) or a score of 7.0 on the International English Language Testing System (IELTS) for applicants who have no justification for a waiver. Applicants may be required to study one or more terms at the university's American English Institute or elsewhere before taking any graduate work in the department. International applicants for teaching assistantships who score at least 26 on the speaking section of the TOEFL iBT will not have to take the Speaking Proficiency English Assessment Kit (SPEAK) test upon arrival at the university.
4. Three letters of recommendation, a statement of goals, and unofficial transcripts (via on online application). Note that official transcripts are sent to the UO Office of Admissions.

Grades from previous course work should indicate the ability to maintain at least a 3.00 grade point average in graduate-level courses.

Application materials should be submitted by January 15 for admission, via GradWeb (http://gradweb.uoregon.edu), the following fall term.

Admission to the master's degree program requires the substantive equivalent of an undergraduate degree in computer science. A second bachelor's degree program can be used to gain the required level of computer science background. Students without this background may be admitted conditionally and required to complete remedial course work before achieving unconditional standing in the program.

Master of Arts Degree Requirements

Core Courses		
CIS621	Algorithms and Complexity	4
CIS624	Structure of Programming Languages	4
CIS630	Distributed Systems	4
Cluster Courses		
Required course [1]		4
Two depth courses from cluster [1]		8
Electives		
Select 30 credits from the following:		30

CIS601 &CIS605	Research: [Topic] and Reading and Conference: [Topic] [2]
CIS503	Thesis (plus 4 credits from CIS601–608 for either course selected) [3]
orCIS609	Final Project
CIS510	Experimental Course: [Topic] [4]
orCIS610	Experimental Course: [Topic]
CIS601–CIS608 [5]	
Twelve credits in courses outside department in area closely related to professional goals [6]	
Departmental courses numbered 500 or higher	
Total Credits	**54**

1. A list of clusters is available in the department office.
2. Up to 8 credits.
3. Up to 12 credits.
4. Must receive approval from the graduate education committee.
5. Up to 8 credits for master's students who do not complete a thesis or final project.
6. Courses must be approved by the student's academic advisor; options include courses in linguistics, mathematics, physics, and psychology.

Master of Science Degree Requirements

Core Courses		
CIS621	Algorithms and Complexity	4
CIS624	Structure of Programming Languages	4
CIS630	Distributed Systems	4
Cluster Courses		
Required course [1]		4
Two depth courses from cluster [1]		8
Electives		
Select 30 credits from the following:		30
CIS601 &CIS605	Research: [Topic] and Reading and Conference: [Topic] [2]	
CIS503	Thesis (plus 4 credits from CIS601–608 for either course selected) [3]	
orCIS609	Final Project	
CIS510	Experimental Course: [Topic] [4]	
orCIS610	Experimental Course: [Topic]	
CIS601–CIS608 [5]		
Twelve credits in courses outside department in area closely related to professional goals [6]		
Departmental courses numbered 500 or higher		
Total Credits		**54**

1. A list of clusters is available in the department office.
2. Up to 8 credits.
3. Up to 12 credits.
4. Must receive approval from the graduate education committee.
5. Up to 8 credits for master's students who do not complete a thesis or final project.
6. Courses must be approved by the student's academic advisor; options include courses in linguistics, mathematics, physics, and psychology.

Complex Software Systems

Students must show competency in the design and implementation of software systems by taking one course that requires a substantial programming project. A list of courses that satisfy this requirement is available in the department office.

Grade Requirements

The 24 credits in the required courses and the cluster courses must be passed with grades of B– or better. As many as 12 of the 30 elective credits may be taken pass/no pass (P/N); graded elective courses must be passed with grades of C or better. A 3.00 GPA must be maintained for courses taken in the program.

Master's Thesis

The research option requires a written thesis and 9 to 12 credits in Thesis (CIS503). Thesis research is supervised by a faculty advisor; this advisor and other faculty members constitute the thesis committee. The master's thesis is expected to be scholarly and to demonstrate mastery of the practices of computer science. This option is recommended for students who plan subsequent PhD research.

Master's Project

The project option requires a minimum of 8 credits, and as many as 12, in Final Project Final Project (CIS609).

Under the supervision of a faculty member, the project may entail a group effort involving several master's degree students.

Accelerated Master's Degree Program

This program is open to students who earn a BS or BA degree in computer and information science at the University of Oregon and who want to enter the master's degree program.

If a UO undergraduate takes one or two 400-level electives that also are offered as 500-level courses, the student can petition the department to have 4 or 8 credits deducted from the total number of elective credits required for the master's degree. The student must earn an A– or better in the 400-level course and have an overall GPA of 3.50 in upper-division CIS courses to participate in this accelerated master's program. Note that all admission procedures, as outlined in the Master's Degree Program (p. 128) section, are also applicable. Applications are available in the department office.

Awards and Honor Societies

The Erwin and Gertrude Juilfs Scholarship in Computer and Information Science, in honor of Erwin and Gertrude Juilfs, is awarded to one or more students who show exceptional promise for achievement as evidenced by grade point average, originality of research, or other creative activities.

The J. Donald Hubbard Scholarship in Computer and Information Science, in honor of J. Donald Hubbard, recognizes an undergraduate or graduate student who shows outstanding promise in the fields of computer-human interaction, computer graphics, or multimedia.

The Gurdeep Pall Scholarship in Computer and Information Science, in honor of Gurdeep Pall, is awarded to a student based on the overall quality of their academic work, their commitment to learning, and their potential for further academic achievement.

Students with outstanding academic accomplishments may be invited to become members of Upsilon Pi Epsilon, the international honor society in computer science.

Doctoral Degree Program

The doctor of philosophy in computer and information science is, above all, a high-quality degree that is not conferred simply for the successful completion of a specified number of courses or years of study. It is a degree reserved for students who demonstrate a comprehensive understanding of computer science and an ability to do creative research. Each PhD student produces a significant piece of original research, presented in a written dissertation and defended in an oral examination.

The PhD program is structured to facilitate the process of learning how to do research. Students begin by taking required courses to build a foundation of knowledge that is essential for advanced research. Early in the program the student gains research experience by undertaking a directed research project under the close supervision of a faculty member and the scrutiny of a faculty committee. In the later stages of the program, students take fewer courses and spend most of their time exploring their dissertation area to learn how to identify and solve open problems. The final steps are to propose an independent research project, do the research, and write and defend a dissertation.

Admission

Application materials should be submitted by January 15 for the following fall term. Materials include everything required for admission to the master's program as well as a discussion of the anticipated research area.

Students who enter the UO with a master's degree may petition the Graduate Education Committee for credit toward the course requirements listed below, indicating how their prior graduate work corresponds to these courses. See the graduate coordinator for the petition.

PhD Degree Requirements

Core Courses [1]		
CIS621	Algorithms and Complexity	4
CIS624	Structure of Programming Languages	4
CIS630	Distributed Systems	4
Cluster Courses		
Required course [2]		4
Two depth courses from cluster [2]		8
Electives		
Twelve credits of 500-level courses (including 510 courses) [3]		12
Twelve credits of 600-level courses [3]		12
Total Credits		**48**

1. Courses must be taken by the end of the student's second year.
2. Selected from a list of approved clusters. This list is updated each year to reflect experimental and other courses offered that year.
3. For graduate-level courses taken in other UO departments, a petition to the Graduate Education Committee is required.

PhD candidates who enter the program without a master's degree in computer science must take 48 credits in graduate course work including the core and cluster courses required for the MS program. Doctoral students must earn a minimum grade of B– and an overall GPA of 3.50 in the six courses they use to satisfy the core and cluster requirements.

Minimum Annual Enrollment

PhD students are expected to enroll in at least 6 credits of 600-level course work each year until their advancement to candidacy. Research: [Topic] (CIS601), Dissertation (CIS603), and Reading and Conference: [Topic] (CIS605) do not satisfy this requirement. After candidacy, PhD students are encouraged to continue participation in 600-level courses

Directed Research Project

Complete a directed research project, which is supervised by a faculty member and evaluated by a faculty committee. The research project comprises the following:

1. The definition and expected results of the project in the form of a Directed Research Project Contract
2. Delivery of the materials constituting the results of the project and oral presentation of the results
3. A private oral examination by the committee members

Status Change

PhD candidates are admitted conditionally. Successful completion of the directed research project leads to a change in the student's doctoral status from conditional to unconditional.

Dissertation Advisory Committee

After successfully completing the directed research project, PhD students form a Dissertation Advisory Committee chaired by their research advisor. The main role of the committee is to advise the student between completion of the research project and mounting the dissertation defense. The committee takes primary responsibility for evaluating student progress. In addition, it approves the plan for the oral comprehensive examination, which in turn is approved by the graduate education committee. See the graduate coordinator for further instructions.

Oral Comprehensive Examination

The student chooses an area of research and works closely with an advisor to learn the area in depth by surveying the current research and learning research methods, significant achievements, and how to pose and solve problems. The student gradually assumes a more independent role and prepares for the oral comprehensive examination, which tests depth of knowledge in the research area. The examination contains the following:

1. A survey of the area in the form of a position paper and an annotated bibliography
2. A public presentation of the position paper
3. A private oral examination by committee members

Advancement to Candidacy

After the oral comprehensive examination, the committee decides whether the student is ready for independent research work; if so, the student is advanced to candidacy.

Dissertation and Defense

Identify a significant unsolved research problem and submit a written dissertation proposal to the dissertation committee. The dissertation committee, comprising three department members and one member from an outside department, is approved by the graduate education committee. In addition to these four, the dissertation committee often includes a fifth examiner. This outside examiner should be a leading researcher in the candidate's field who is not at the University of Oregon. The outside member should be selected a year before the candidate's dissertation defense, and no later than six months before.

The student submits a written dissertation proposal to the committee for approval, and the proposal is then submitted to the graduate education committee. The proposal presents the research problems to be tackled, related research, methodology, anticipated results, and work plan. The committee may request an oral presentation, similar to the oral comprehensive exam, which allows the student to explain and answer question about the proposed research. The student then carries out the research.

The final stage is writing a dissertation and defending it in a public forum by presenting the research and answering questions about the methods and results. The dissertation committee may accept the dissertation, request small changes, or require the student to make substantial changes and schedule another defense

Graduate School Requirements

PhD students must meet the requirements set by the Graduate School as listed in that section of this catalog

Research Areas

It is important that a PhD student be able to work effectively with at least one dissertation advisor. Hence the student should identify, at an early stage, one or more areas of research to pursue. The student should also find a faculty member with similar interests to supervise the dissertation.

Courses

CIS105. Explorations in Computing. 4 Credits.
Overview of basic ideas and areas of computer science: includes algorithms, hardware, machine organization, programming languages, networks, artificial intelligence, and associated ethical issues.

CIS110. Fluency with Information Technology. 4 Credits.
Introduction to information technology (IT), the study of computer-based information systems. Basics of the Internet and World Wide Web. Students create websites using XHTML and CSS.

CIS111. Introduction to Web Programming. 4 Credits.
Project-based approach to learning computer programming by building interactive web pages using JavaScript and XHTML. Programming concepts including structured and object-oriented program design. CIS 110 recommended preparation.

CIS115. Multimedia Web Programming. 4 Credits.
Intermediate web programming with an emphasis on HTML5 multimedia: two-dimensional graphics, image processing, animation, video, user interaction, geolocation. Continuing JavaScript, DOM, Ajax, and JSON use, programming fundamentals, and debugging techniques.
Prereq: CIS 111.

CIS122. Introduction to Programming and Problem Solving. 4 Credits.
Computational problem solving, algorithm design, data structures, and programming using a multi-paradigm programming language. Introduces techniques for program design, testing, and debugging.

CIS196. Field Studies: [Topic]. 1-2 Credits.
Repeatable.

CIS198. Workshop: [Topic]. 1-2 Credits.
Repeatable.

CIS199. Special Studies in Computer Science: [Topic]. 1-5 Credits.
Repeatable.

CIS210. Computer Science I. 4 Credits.
Basic concepts and practices of computer science. Topics include algorithmic problem solving, levels of abstraction, object-oriented design and programming, software organization, analysis of algorithm and data structures. Sequence.
Prereq: programming experience and MATH 112.

CIS211. Computer Science II. 4 Credits.
Basic concepts and practices of computer science. Topics include algorithmic problem solving, levels of abstraction, object-oriented design and programming, software organization, analysis of algorithm and data structures. Sequence.
Prereq: CIS 210.

CIS212. Computer Science III. 4 Credits.
Basic concepts and practices of computer science. Topics include algorithmic problem solving, levels of abstraction, object-oriented design and programming, software organization, analysis of algorithm and data structures. Sequence.
Prereq: CIS 211.

CIS313. Intermediate Data Structures. 4 Credits.
Design and analysis of data structures as means of engineering efficient software; attention to data abstraction and encapsulation. Lists, trees, heaps, stacks, queues, dictionaries, priority queues.
Prereq: CIS 212, MATH 232 with grades of B- or better.

CIS314. Computer Organization. 4 Credits.
Introduction to computer organization and instruction-set architecture--digital logic design, binary arithmetic, design of central processing unit and memory, machine-level programming.
Prereq: CIS 212, MATH 231 with grades of B- or better.

CIS315. Intermediate Algorithms. 4 Credits.
Algorithm design, worst-case and average-behavior analysis, correctness, computational complexity.
Prereq: CIS 313.

CIS330. C/C++ and Unix. 4 Credits.
Practical software design and programming activities in a C/C++ and Unix environment, with emphasis on the details of C/C++ and good programming style and practices.
Prereq: CIS 314.

CIS399. Special Studies: [Topic]. 1-5 Credits.
Repeatable.

CIS401. Research: [Topic]. 1-21 Credits.
Repeatable.

CIS403. Thesis. 1-12 Credits.
Repeatable.

CIS404. Internship; [Topic]. 1-4 Credits.
Repeatable.
Prereq: CIS 313.

CIS405. Reading and Conference: [Topic]. 1-12 Credits.
Repeatable.

CIS406. Field Studies: [Topic]. 1-21 Credits.
Repeatable.

CIS407. Seminar: [Topic]. 1-5 Credits.
Repeatable. Opportunity to study in greater depth specific topics arising out of other courses.

CIS408. Workshop: [Topic]. 1-21 Credits.
Repeatable.

CIS409. Practicum: [Topic]. 1-2 Credits.
The student assists other students who are enrolled in introductory programming classes. For each four hours of scheduled weekly consulting, the student is awarded 1 credit. Repeatable for maximum of 4 credits.

CIS410. Experimental Course: [Topic]. 1-5 Credits.
Repeatable.

CIS413. Advanced Data Structures. 4 Credits.
Complex structures, storage management, sorting and searching, hashing, storage of texts, and information compression.
Prereq: CIS 315.

CIS415. Operating Systems. 4 Credits.
Principles of operating system design. Process and memory management, concurrency, scheduling, input-output and file systems, security.
Prereq: CIS 330.

CIS420. Automata Theory. 4 Credits.
Provides a mathematical basis for computability and complexity. Models of computation, formal languages, Turing machines, solvability. Nondeterminism and complexity classes.
Prereq: CIS 315.

CIS422. Software Methodology I. 4 Credits.
Technical and nontechnical aspects of software development, including specification, planning, design, development, management and maintenance of software projects. Student teams complete projects.
Prereq: CIS 313.

CIS423. Software Methodology II. 4 Credits.
Application of concepts and methodologies covered in CIS 422/522. Student teams complete a large system design and programming project. Final system specification, test plan, user documentation, and system walk throughs.
Prereq: CIS 422.

CIS425. Principles of Programming Languages. 4 Credits.
Syntax and semantics. Scope rules, environments, stores, denoted and expressed values, procedures, and parameters. Definitional interpreters. Types, overloading, parametric polymorphism, and inheritance. Varieties of abstraction.
Prereq: CIS 315.

CIS427. Introduction to Logic. 4 Credits.
Basic notions of logic: propositional logic, first-order logic, Hilbert systems, sequent calculus, natural deduction. Soundness, completeness, undecidability. Current research in logic frameworks, automated deduction, Curry-Howard isomorphism.
Pre- or coreq: CIS 425.

CIS429. Computer Architecture. 4 Credits.
RISC (reduced instruction-set computer) and CISC (complex instruction-set computer) design, storage hierarchies, high-performance processor design, pipelining, vector processing, networks, performance analysis.
Prereq: CIS 330.

CIS432. Introduction to Networks. 4 Credits.
Principles of computer network design. Link technologies, packet switching, routing, inter-networking, reliability. Internet protocols. Programming assignments focus on protocol design.
Prereq: CIS 330. CIS 415 recommended.

CIS433. Computer and Network Security. 4 Credits.
Security for various aspects of computers and networks. Elementary cryptography, program security, trusted operating systems, network security, privacy, and legal and ethical issues.
Prereq: CIS 415.

CIS441. Introduction to Computer Graphics. 4 Credits.
Introduction to the hardware, geometrical transforms, interaction techniques, and shape representation schemes that are important in interactive computer graphics. Programming assignments using contemporary graphics hardware and software systems.
Prereq: CIS 330.

CIS443. User Interfaces. 4 Credits.
Introduction to user interface software engineering. Emphasis on theory of interface design, understanding the behavior of the user, and implementing programs on advanced systems.
Prereq: CIS 313.

CIS445. Modeling and Simulation. 4 Credits.
Theoretical foundations and practical problems for the modeling and computer simulation of discrete and continuous systems. Simulation languages, empirical validation, applications in computer science.
Prereq: CIS 315, 330.

CIS451. Database Processing. 4 Credits.
Fundamental concepts of DBMS. Data modeling, relational models and normal forms. File organization and index structures. SQL, embedded SQL, and concurrency control.
Prereq: CIS 313, 314.

CIS452. Database Issues. 4 Credits.
Covers central database issues such as access methods, security, tuning, and concurrency control. Examines alternative database models.
Prereq: CIS 451.

CIS453. Data Mining. 4 Credits.
Databases, machine learning, artificial intelligence, statistics, and data visualization. Examines data warehouses, data preprocessing, association and classification rule mining, and cluster analysis.
Prereq: CIS 451/551.

CIS454. Bioinformatics. 4 Credits.
Introduction to bioinformatics from a computer science perspective covering algorithms for basic operations such as sequence comparison and phylogenetic inference on existing databases.

CIS461. Introduction to Compilers. 4 Credits.
Lexical analysis, parsing, attribution, code generation.
Prereq: CIS 314, 425. CIS 420 strongly recommended.

CIS471. Introduction to Artificial Intelligence. 4 Credits.
Basic themes, issues, and techniques of artificial intelligence, including agent architecture, knowledge representation and reasoning, problem solving and planning, game playing, and learning.
Prereq: CIS 315.

CIS472. Machine Learning. 4 Credits.
A broad introduction to machine learning and its established algorithms. Topics include concept learning, decision trees, neural network.
Prereq: CIS 315.

CIS490. Computer Ethics. 4 Credits.
Addresses ethical issues and social impacts of computing. Topics include crime, hacking, intellectual property, privacy, software reliability, employment, and worldwide networks.

CIS503. Thesis. 1-16 Credits.
Repeatable.

CIS507. Seminar: [Topic]. 1-5 Credits.
Repeatable. Opportunity to study in greater depth specific topics arising out of other courses.

CIS508. Workshop: [Topic]. 1-21 Credits.
Repeatable.

CIS510. Experimental Course: [Topic]. 1-5 Credits.
Repeatable.

CIS513. Advanced Data Structures. 4 Credits.
Complex structures, storage management, sorting and searching, hashing, storage of texts, and information compression.

CIS520. Automata Theory. 4 Credits.
Provides a mathematical basis for computability and complexity. Models of computation, formal languages, Turing machines, solvability. Nondeterminism and complexity classes.

CIS522. Software Methodology I. 4 Credits.
Technical and nontechnical aspects of software development, including specification, planning, design, development, management and maintenance of software projects. Student teams complete projects.

CIS523. Software Methodology II. 4 Credits.
Student teams complete a large system design and programming project. Final system specifications, test plan, user documentation, and system walk-through.
Prereq: CIS 522

CIS527. Introduction to Logic. 4 Credits.
Basic notions of logic: propositional logic, first-order logic, Hilbert systems, sequent calculus, natural deduction. Soundness, completeness, undecidability. Current research in logic frameworks, automated deduction, Curry-Howard isomorphism.

CIS529. Computer Architecture. 4 Credits.
RISC (reduced instruction-set computer) and CISC (complex instruction-set computer) design, storage hierarchies, high-performance processor design, pipelining, vector processing, networks, performance analysis.

CIS532. Introduction to Networks. 4 Credits.
Principles of computer network design. Link technologies, packet switching, routing, inter-networking, reliability. Internet protocols. Programming assignments focus on protocol design.

CIS533. Computer and Network Security. 4 Credits.
Security for various aspects of computers and networks. Elementary cryptography,program security, trusted operating systems, network security, privacy, and legal and ethical issues.

CIS541. Introduction to Computer Graphics. 4 Credits.
Introduction to the hardware, geometrical transforms, interaction techniques, and shape representation schemes that are important in interactive computer graphics. Programming assignments using contemporary graphics hardware and software systems.

CIS543. User Interfaces. 4 Credits.
Introduction to user interface software engineering. Emphasis on theory of interface design, understanding the behavior of the user, and implementing programs on advanced systems.

CIS545. Modeling and Simulation. 4 Credits.
Theoretical foundations and practical problems for the modeling and computer simulation of discrete and continuous systems. Simulation languages, empirical validation, applications in computer science.

CIS551. Database Processing. 4 Credits.
Fundamental concepts of DBMS. Data modeling, relational models and normal forms. File organization and index structures. SQL, embedded SQL, and concurrency control.

CIS552. Database Issues. 4 Credits.
Covers central database issues such as access methods, security, tuning, and concurrency control. Examines alternative database models.
Prereq: CIS 4/551.

CIS553. Data Mining. 4 Credits.
Databases, machine learning, artificial intelligence, statistics, and data visualization. Examines data warehouses, data preprocessing, association and classification rule mining, and cluster analysis.
Prereq: CIS 451/551.

CIS554. Bioinformatics. 4 Credits.
Introduction to bioinformatics from a computer science perspective covering algorithms for basic operations such as sequence comparison and phylogenetic inference on existing databases.

CIS561. Introduction to Compilers. 4 Credits.
Lexical analysis, parsing, attribution, code generation.
Prereq: CIS 314 or equivalent, 624. CIS 420/520 strongly recommended.

CIS571. Introduction to Artificial Intelligence. 4 Credits.
Basic themes, issues, and techniques of artificial intelligence, including agent architecture, knowledge representation and reasoning, problem solving and planning, game playing, and learning.

CIS572. Machine Learning. 4 Credits.
A broad introduction to machine learning and its established algorithms. Topics include concept learning, decision trees, neural network.

CIS590. Computer Ethics. 4 Credits.
Addresses ethical issues and social impacts of computing. Topics include crime, hacking, intellectual property, privacy, software reliability, employment, and worldwide networks.

CIS601. Research: [Topic]. 1-16 Credits.
Repeatable.

CIS602. Supervised College Teaching. 1-5 Credits.
Repeatable.

CIS603. Dissertation. 1-16 Credits.
Repeatable.

CIS604. Internship: [Topic]. 1-4 Credits.
Repeatable.

CIS605. Reading and Conference: [Topic]. 1-16 Credits.
Repeatable.

CIS606. Field Studies: [Topic]. 1-16 Credits.
Repeatable.

CIS607. Seminar: [Topic]. 1-5 Credits.
Repeatable. Research topics are presented.

CIS608. Colloquium: [Topic]. 1 Credit.
Repeatable.

CIS609. Final Project. 1-16 Credits.
Repeatable. Final project for master's degree without thesis.

CIS610. Experimental Course: [Topic]. 1-5 Credits.
Repeatable.

CIS621. Algorithms and Complexity. 4 Credits.
Design and analysis of algorithms, strategies for efficient algorithms, introduction to complexity theory including NP-completeness.
Prereq: CIS 420/520 strongly recommended.

CIS622. Theoretical Foundations: [Topic]. 4 Credits.
Selected topics from computability and complexity theory. Repeatable twice when topic changes for maximum of 12 credits.
Prereq: CIS 621.

CIS624. Structure of Programming Languages. 4 Credits.
Introduction to axiomatic, operational, and denotational semantics. Environments, stores, and continuations. Type theory, subtypes, polymorphism, and inheritance. Functional and logic programming.

CIS630. Distributed Systems. 4 Credits.
Principles of distributed computer systems: interprocess communication, distributed file systems, distributed timing and synchronization, distributed programming, transactions, process scheduling, distributed shared memory.
Prereq: CIS 415 or equivalent, CIS 429/529.

CIS631. Parallel Processing. 4 Credits.
Advanced topics in parallel processing including massively parallel computer architecture, supercomputers, parallelizing compiler technology, performance evaluation, parallel programming languages, parallel applications.
Prereq: CIS 429/529.

CIS632. Computer Networks. 4 Credits.
Advanced issues in computer networks, focusing on research to extend the services offered by the Internet.
Prereq: CIS 432/532.

CIS633. Advanced Network Security. 4 Credits.
Classic and state-of-the-art research topics in network security; threats and attacks, defense algorithms and mechanisms, measurement and evaluation of both security problems and solutions. Offered alternate years.
Prereq: CIS 533.

CIS640. Writing in Computer Research. 2 Credits.
Students learn to provide and accept constructive criticism of writing samples in a workshop format.

CIS650. Software Engineering. 4 Credits.
Examines recent models and tools in software engineering including modifications to the traditional software life-cycle model, development environments, and speculative view of the future role of artificial intelligence.

CIS677. Knowledge-Based Interfaces. 4 Credits.
Examination of research knowledge-based user interfaces with particular attention to cognitive modeling. Topics include intelligent tutoring systems, natural language interfaces, and expert systems explanation.
Prereq: CIS 471/571.

Courses

CIT281. Web Applications Development I. 4 Credits.
Fundamentals of web application development using open-source software tools and technologies (Unix, Git), client-side frameworks, server-side programming (Node.js, PHP), model-view-controller pattern, data storage and APIs, cloud hosting.
Prereq: CIS 110, CIS 111; or CIS 115.

CIT381. Database Systems. 4 Credits.
Introduction to database systems, emphasis on database design and access. Database concepts, data modeling, SQL, connecting database to web.
Prereq: CIT 281.

CIT382. Web Applications Development II. 4 Credits.
Server- and client-side technologies and their interaction for database-driven web applications: application frameworks, single-page applications, cloud platforms, and open-source software stacks—MEAN (MongoDB, ExpressJS, AngularJS, Node.js) versus LAMP (Linux, Apache, MySQL, PHP).
Prereq: CIT 381.

CIT383. Networking Fundamentals. 4 Credits.
Fundamentals of data communication and networks. Network management and security.
Prereq: CIT 382.

CIT405. Reading and Conference: [Topic]. 1-4 Credits.
Repeatable.

Creative Writing

George E. Rowe, Program Director
541-346-0552
207 Alder Building
5243 University of Oregon
Eugene, Oregon 97403-5243

Faculty

Daniel Anderson, professor (poetry). BA, 1987, Cincinnati; MA, 1989, Johns Hopkins. (2010)

Jason Brown, associate professor (fiction). BA, 1991, Bowdoin; MFA, 1995, Cornell. (2011)

Geri Doran, associate professor (poetry). BA, 1986, Vassar; MFA, 1995, Florida. (2007)

Ehud Havazelet, professor (fiction). AB, 1977, Columbia; MFA, 1984, Iowa. (1999)

Garrett K. Hongo, College of Arts and Sciences Distinguished Professor (poetry). BA, 1973, Pomona; MFA, 1980, California, Irvine. (1989)

Emeritus

Richard M. Lyons, professor emeritus. BA, 1957, Brooklyn; MFA, 1962, Iowa. (1969)

The date in parentheses at the end of each entry is the first year on the University of Oregon faculty.

Undergraduate Studies

The Creative Writing Program offers two formal courses of study for University of Oregon undergraduates:

Minor in Creative Writing

The creative writing minor offers courses in which students study matters of craft by reading and writing creative works, develop critical thinking and interpretive skills, hone their ability to articulate complex ideas with subtlety and clarity, and gain instruction in the mechanics of writing. Students must take courses for letter grades. Course work required for the minor must be passed with grades of B– or better.

Of the 24 required credits, a maximum of 8 credits at the 200 or 300 level may be transferred. All courses at the 400 level must be taken in residence at the University of Oregon.

CRWR230	Introduction to Poetry Writing	4
CRWR240	Introduction to Fiction Writing	4
orCRWR244	Introduction to Creative Writing: Literary Nonfiction	
Select two of the following:		8
CRWR330	Intermediate Poetry Writing [1]	
CRWR336	Intermediate Creative Writing: Literary Nonfiction [1]	
CRWR340	Intermediate Fiction Writing [1]	
CRWR418	Kidd Tutorial II	
Select two of the following:		8
CRWR407	Seminar: [Topic]	
CRWR410	Experimental Course: [Topic]	
CRWR413	Literature for Poets [1]	
CRWR414	Literature for Fiction Writers	
CRWR419	Kidd Tutorial III	
CRWR435	Advanced Poetry Writing [1]	
CRWR445	Advanced Fiction Writing [1]	
Total Credits		**24**

[1] Repeatable for credit.

Questions regarding the minor should be addressed to the program director. Students must apply for the minor through the program's office well in advance of graduation for transcript evaluation. In order be eligible for the minor, students must complete all degree requirements and a major in another academic department.

Kidd Tutorial Program

Implemented through the generosity of the Walter P. Kidd family, this yearlong tutorial offers the chance to study writing and literary craft using literary models. The program, which requires a three-term commitment from participants, accommodates a highly flexible and individualized study of fiction, poetry, and literary nonfiction writing. Each section matches one graduate teaching fellow—a poet or fiction writer—with as many as nine studentsand is overseen by the director of the Kidd tutorials. Participants earn 12 credits in Kidd Tutorial I-III (CRWR417–419). Information about application procedures is available on the program's website.

Graduate Studies

Master of Fine Arts Degree

Admission Requirements

1. Bachelor's degree
2. Other materials submitted for admission giving evidence that the applicant will be able to complete the prescribed course of study satisfactorily

Admission Procedures

Apply online from the Creative Writing Program's website; the $50 application fee may be paid by credit card (nonrefundable). The online application requires the following:

- Personal statement (PDF upload)
- Sample of the applicant's writing (PDF upload)
- Transcripts (PDF upload)
- Contact information for as many as four people (three are required) who agree to offer a recommendation

Arrange to have official copies of transcripts sent

- from all institutions attended to the Creative Writing Program
- from institutions where a degree was earned to the UO Office of Admissions

Application materials must be submitted online by January 15 for admission to the program the following fall term. Admission is made for fall term only. Find information and application instructions on the program's website.

Master of Fine Arts Degree Requirements

The candidate must complete the graduate work during six consecutive terms in residence at the university. The candidate must pass a written examination on a reading list of works of fiction or poetry.

CRWR605	Writing and Conference: [Topic]	9
CRWR607	Seminar: [Topic] (MFA Seminar)	18
CRWR609	Terminal Creative Project: [Topic]	9
CRWR635	MFA Poetry Workshop	36
orCRWR645	MFA Fiction Workshop	
Total Credits		**72**

Courses

CRWR199. Special Studies: [Topic]. 1-5 Credits.
Repeatable.

CRWR230. Introduction to Poetry Writing. 4 Credits.
Introduction to forms and techniques of writing poetry.
Prereq: WR 121 or equivalent.

CRWR240. Introduction to Fiction Writing. 4 Credits.
Introduction to forms and techniques of writing fiction.
Prereq: WR 121 or equivalent.

CRWR244. Introduction to Creative Writing: Literary Nonfiction. 4 Credits.
Introduction to techniques of writing creative nonfiction (the literary essay). Development of a critical appreciation of the art of writing.
Prereq: WR 121 or equivalent.

CRWR330. Intermediate Poetry Writing. 4 Credits.
Intermediate-level study of poetry writing. Repeatable twice for a maximum of 12 credits.
Prereq: CRWR 230 with a grade of B– or better.

CRWR336. Intermediate Creative Writing: Literary Nonfiction. 4 Credits.
Intermediate-level study of literary nonfiction writing. Repeatable twice for a maximum of 12 credits.
Prereq: CRWR 240 or 244 with a grade of B– or better.

CRWR340. Intermediate Fiction Writing. 4 Credits.
Intermediate-level study of fiction writing. Repeatable when topic changes. Repeatable twice for a maximum of 12 credits.
Prereq: CRWR 240 or 244 with a grade of B– or better.

CRWR405. Writing and Conference: [Topic]. 1-21 Credits.
Repeatable.

CRWR407. Seminar: [Topic]. 1-5 Credits.
Repeatable.

CRWR410. Experimental Course: [Topic]. 1-5 Credits.
Repeatable.

CRWR413. Literature for Poets. 4 Credits.
Advanced discourse on issues and principles related to the craft of poetry. Repeatable twice for a maximum of 12 credits.
Prereq: CRWR 330 or 418 (poetry) with a grade of B– or better. Students majoring in English, journalism, or comparative literature may also enroll with department approval.

CRWR414. Literature for Fiction Writers. 4 Credits.
Advanced discourse on issues and principles related to the craft of fiction. Repeatable twice for a maximum of 12 credits.
Prereq: CRWR 336 or 340 or 418 (fiction) with a grade of B– or better. Students majoring in English, journalism, or comparative literature may also enroll with department approval.

CRWR417. Kidd Tutorial I. 4 Credits.
First term of intensive, yearlong study of fiction, poetry, and nonfiction. Sequence with CRWR 418 and CRWR 419.
Prereq: CRWR 230 or 240 or 244 with a grade of B– or better; CRWR 330 or 336 or 340 recommended preparation. Admission by application only.

CRWR418. Kidd Tutorial II. 4 Credits.
Second term of intensive, yearlong study of fiction, poetry, and nonfiction. Development of individual line of inquiry project. Sequence with CRWR 417 and CRWR 419. Admission by application only.
Prereq: CRWR 417 with a grade of B– or better.

CRWR419. Kidd Tutorial III. 4 Credits.
Third and final term of intensive, yearlong study of fiction, poetry, and nonfiction. Focus on completion and presentation of individual line of inquiry project. Sequence with CRWR 417 and CRWR 418. Admission by application only.
Prereq: CRWR 418 with a grade of B– or better.

CRWR435. Advanced Poetry Writing. 4 Credits.
Advanced workshop in the writing of poetry. Repeatable twice for a maximum of 12 credits.
Prereq: CRWR 330 or 418 (poetry) with a grade of B– or better.

CRWR445. Advanced Fiction Writing. 4 Credits.
Advanced workshop in the writing of fiction. Repeatable twice for a maximum of 12 credits.
Prereq: CRWR 336 or 340 or 418 (fiction) with a grade of B– or better.

CRWR503. Thesis. 1-16 Credits.
Repeatable.

CRWR507. Seminar: [Topic]. 1-5 Credits.
Repeatable.

CRWR535. Advanced Poetry Writing. 4 Credits.
Advanced workshop in the writing of poetry. Repeatable twice for a maximum of 12 credits.
Prereq: two courses of CRWR 330 or CRWR 330 and 418 with grade of mid-B or better.

CRWR545. Advanced Fiction Writing. 4 Credits.
Advanced workshop in the writing of fiction. Repeatable twice for a maximum of 12 credits.
Prereq: two courses of CRWR 340 or CRWR 340 and 336 or 418 with grade of mid-B or better.

CRWR601. Research: [Topic]. 1-16 Credits.
Repeatable.

CRWR605. Writing and Conference: [Topic]. 1-16 Credits.
Repeatable.

CRWR607. Seminar: [Topic]. 1-5 Credits.
Selected seminars offered each year. Repeatable when topic changes.

CRWR608. Special Topics: [Topic]. 1-5 Credits.
Repeatable.

CRWR609. Terminal Creative Project: [Topic]. 1-16 Credits.

CRWR610. Experimental Course [Topic]. 1-5 Credits.
Repeatable when topic changes.

CRWR635. MFA Poetry Workshop. 6 Credits.
Concentration on student writing in a workshop setting. Open only to students admitted to creative writing master of fine arts program in poetry. Repeatable five times for a maximum of 36 credits.

CRWR645. MFA Fiction Workshop. 6 Credits.
Concentration on student writing in a workshop setting. Open only to students admitted to creative writing master of fine arts program in fiction. Repeatable five times for a maximum of 36 credits.

East Asian Languages and Literatures

Susan Anderson, Department Head
541-346-4056
541-346-0260 fax
321 Friendly Hall
1248 University of Oregon
Eugene, Oregon 97403-1248

The Department of East Asian Languages and Literatures presents a wide range of courses in several programs, from introductory courses in the languages and literatures of East Asia (Chinese, Japanese, and Korean) to advanced graduate-level study of linguistics and literature. Undergraduate degrees include a bachelor of srts (BA) degree in Chinese or Japanese and minors in Chinese, Japanese, or Korean. The department also offers master's (MA) and doctoral (PhD) degrees in East Asian languages and literatures. At all levels, students may choose to focus on either language or literature, though all degree programs require course work from both areas.

The department typically supports dozens of students in graduate-level study while 100 undergraduate BA majors graduate each year.

Faculty members are strongly committed to promoting a rich immersion in Chinese, Japanese, and Korean, and undergraduates and graduate students alike are encouraged to study abroad and conduct research throughout East Asia.

Preparation

The department recommends the following preparation for study leading to an undergraduate major in Chinese, Japanese, or Korean:

1. As much work as possible in the student's major language, focusing on oral and written communication and reading comprehension
2. Knowledge of the history, culture, and geography of the area in which that language is spoken
3. Course work in literary analysis and cultural studies

Careers

Students with an undergraduate degree in Chinese, Japanese, or Korean are well prepared for graduate-level study in the humanities, social sciences, and professions (e.g., law or business). They are also suited to a range of jobs in many different sectors, including business, education, and journalism as well as government agencies and nonprofit organizations. Recent graduates have found jobs in all of these areas.

Faculty

Lucien Brown, assistant professor (Korean linguistics, second-language acquisition, socio-pragmatics). BA, 1997, East Anglia; MA, 2004, PhD, 2008, London. (2011)

Roy Chan, assistant professor (modern Chinese and Russian literature). BA, 2002, Washington (Seattle); PhD, 2009, California, Berkeley. (2013)

Weijun Chen, senior instructor (Chinese). BA, 1997, Anhui; MA, 2000, Nanjing. (2008)

Rachel DiNitto, associate professor (modern Japanese literature, cultural studies). BA, 1988, Pennsylvania; MA, 1996, PhD, 2000, Washington (Seattle). (2015)

Maram Epstein, associate professor (Ming-Qing vernacular fiction). BA, 1983, MA, 1987, PhD, 1992, Princeton. (1994)

Alisa D. Freedman, associate professor (modern Japanese literature and film). BA, 1991, Wesleyan; MA, 1995, PhD, 2002, Chicago. (2005)

Yukari Furikado-Koranda, instructor (Japanese language). BA, 2002, Kobo; MA, 2010, Oregon. (2010)

Denise Gigliotti, senior instructor (Chinese). BA, 1995, National Taiwan; MA, 1998, California, Los Angeles. (2002)

Alison Groppe, associate professor (Chinese culture). BA, 1989, Wellesley College; MA, 1995, PhD, 2006, Harvard. (2008)

Reiko Hashimoto, senior instructor (Japanese). BA, 1982, Chukyo; MA, 1992, Minnesota State, Mankato; PhD, 2000, Indiana, Bloomington. (2000)

Luke Habberstad, assistant professor (early Chinese literature). BA, 2003, Yale; MA, 2007, PhD, 2014, California, Berkeley. (2014)

Kaori Idemaru, associate professor (linguistics). BA, 1990, Osaka; MA, 1992, Northern Iowa; PhD, 2005, Oregon. (2008)

Rika Ikei, senior instructor (Japanese). BA, 1992, Kyoto University of Foreign Studies; MA, 1998, West Chester. (2003)

Zhuo Jing-Schmidt, associate professor (Chinese linguistics). BA, 1992, MA, 1995, Peking; MA, 1997, California, Los Angeles; PhD, 2005, Cologne. (2010)

Dong Hoon Kim, assistant professor (Korean film, literature, cultural studies). BA, 1998, Yonsei; MA, 2002, PhD, 2008, Southern California. (2011)

Eun Young Lee, instructor (Korean). BE, 1995, Kangnam; MA, 2013, Oregon. (2013)

Fengjun Mao, senior instructor (Chinese). BA, 2000, MA, 2003, East China Normal. (2008).

Naoko Nakadate, senior instructor (Japanese). BA, 1988, Tokyo University of Foreign Studies; MA, 1992, Oregon. (1993)

Yoko O'Brien, senior instructor (Japanese). BA, 1996, Washington State; MA, 2000, Oregon. (2007)

Bomi Oh, senior instructor, (Korean). BA, 2000, Kyung Hee; MA, 2006, Oregon. (2007)

Yasumasa Shigenaga, instructor (Japanese). BA, 2000, Keio; MA, 2002, Wisconsin, Madison; MA, 2013, Arizona. (2014)

Glynne Walley, assistant professor (early modern Japanese literature). BA, 1996, Brigham Young; MA, 2001, Washington (St. Louis); PhD, 2009, Harvard. (2012)

Yugen Wang, associate professor (classical Chinese poetry and poetics). BA, 1992, Anhui Normal; MA, 1995, Peking; PhD, 2005, Harvard. (2005)

Jean Yuanpeng Wu, senior instructor (Chinese). BA, 1982, China University of Geosciences; MA, 1990, West Virginia; PhD, 1998, Michigan State. (1996)

Emeriti

Stephen W. Durrant, professor emeritus. BA, 1968, Brigham Young; PhD, 1975, Washington (Seattle). (1990)

Michael B. Fishlen, associate professor emeritus. BA, 1965, Knox College; MA, 1968, PhD, 1973, Indiana; JD, 1987, Oregon. (1970)

Angela Jung-Palandri, professor emerita. BA, 1946, Catholic University, Peking; MA, 1949, MLS, 1954, PhD, 1955, Washington (Seattle). (1962)

Stephen W. Kohl, associate professor emeritus. BA, 1967, PhD, 1974, Washington (Seattle). (1972)

Wendy Larson, professor emerita. BA, 1974, Oregon; MA, 1978, PhD, 1984, California, Berkley. (1985)

The date in parentheses at the end of each entry is the first year on the University of Oregon faculty.

- **Bachelor of Arts in Chinese: Cultural-Intensive Option**
- **Bachelor of Arts in Chinese: Language-Intensive Option**
- **Bachelor of Arts in Japanese: Cultural-Intensive Option**
- **Bachelor of Arts in Japanese: Language-Intensive Option**
- **Minor in Chinese**

- **Minor in Japanese**

Undergraduate Studies

The Department of East Asian Languages and Literatures offers undergraduate programs in Chinese and Japanese languages and literatures. Each program enables students to achieve proficiency in reading, writing, and speaking the language and to acquire a fundamental knowledge of the literature and culture of the country. In addition, four years of Korean language is offered as well as courses in Korean culture and linguistics.

Preparation

Students considering a major in Chinese or Japanese should decide their major as early as possible so that they can satisfy the requirements in four years of undergraduate study. Background in languages, literature, or history at the high school or community college level is good preparation for the student majoring in Chinese or Japanese.

Careers

A major in Chinese or Japanese prepares a student for graduate study in the humanities, social sciences, and professional schools and also for careers in business, teaching, law, journalism, and government agencies. Career options for people with knowledge of Chinese, Japanese, or Korean are steadily increasing.

Chinese Flagship Program

This programis a language option for students who wish to achieve advanced levels of proficiency in Chinese.

CHN 420/520	Intermediate Language Strategies	4
CHN 421/521	Intermediate Language Strategies	4
CHN 422/522	Intermediate Language Strategies	4
CHN 439/539	Chinese Academic Writing	4
CHN 445/545	Advanced Chinese: [Topic]	4
CHN 480/580	Chinese Linguistics	4

Flagship courses as well as content courses taught in Chinese in other departments expose students to the language and content of a broad range of disciplines, including business, journalism, social sciences, sciences, and the humanities. These courses prepare students to pursue a wide variety of careers in Chinese-speaking environments. Students do not need to be Chinese majors to enroll in Chinese Flagship courses or the program. Those interested in either Flagship-level courses or formally enrolling in the program should visit chineseflagship.uoregon.edu.

Japanese Global Scholars Program

Specifically designed for advanced Japanese speakers committed to linguistic, cultural, and intellectual advancement. The program, open to majors and nonmajors, offers courses on academic topics conducted in Japanese, helping students to become proficient both in the subject areas and the language. In addition, the program coordinates a year abroad with courses relevant to the student's major. For more information, visit https://casls.uoregon.edu/pages/legacy/japaneseglobalscholars.php.

Major Requirements

Prospective majors must meet with an East Asian languages and literatures faculty advisor when declaring the major, each spring to obtain the advisor's signature before fall term registration, and two terms before graduation.

Any course for which a grade lower than C– is received does not count toward the major.

Prospective majors who place above the first term of the third year of a language (Third-Year Chinese (CHN301) or Third-Year Japanese (JPN301)) must draft an individualized program in conjunction with a department advisor.

Bachelor of Arts in Chinese: Culture-Intensive Option

At least five of the required courses must be completed within the Department of East Asian Languages and Literatures.

CHN301	Third-Year Chinese	5
CHN302	Third-Year Chinese	5
CHN303	Third-Year Chinese	5
Select four of the following, with two in upper division. These four courses must be taken in residence on UO campus from the Department of East Asian Languages and Literatures.		16
CHN150	Introduction to Chinese Narrative	
CHN151	Introduction to Chinese Film	
CHN152	Introduction to Chinese Popular Culture	
CHN305	History of Chinese Literature	
CHN306	History of Chinese Literature	
CHN307	History of Chinese Literature	
CHN308	Literature of Modern Taiwan	
Four upper-division courses [1]		16
Total Credits		**47**

1 Courses must be in Chinese language, culture, literature, linguistics, history, art, economics, or other approved areas taken from this or other departments.Of these, at least two must be from the Department of East Asian Languages and Literatures.A third non-Chinese course chosen from within the department may also count toward the culture-intensive option.

Bachelor of Arts in Chinese: Language-Intensive Option

At least five of the required courses must be completed within the Department of East Asian Languages and Literatures.

CHN301	Third-Year Chinese	
CHN302	Third-Year Chinese	
CHN303	Third-Year Chinese	
Select three of the following:		12
CHN305	History of Chinese Literature	
CHN306	History of Chinese Literature	
CHN307	History of Chinese Literature	
CHN308	Literature of Modern Taiwan	
CHN480	Chinese Linguistics	
CHN436	Literary Chinese	
CHN437	Literary Chinese	
Select three of the following:		12

CHN411	Fourth-Year Chinese	
CHN412	Fourth-Year Chinese	
CHN420	Intermediate Language Strategies	
CHN421	Intermediate Language Strategies	
CHN422	Intermediate Language Strategies	
CHN438	Literary Chinese Texts: [Topic]	
CHN445	Advanced Chinese: [Topic]	
Total Credits		**24**

Bachelor of Arts in Japanese: Culture-Intensive Option

At least five of the required courses must be completed within the Department of East Asian Languages and Literatures.

JPN301	Third-Year Japanese	
JPN302	Third-Year Japanese	
JPN303	Third-Year Japanese	
Select two of the following:		8
JPN411	Fourth-Year Spoken Japanese	
JPN412	Fourth-Year Spoken Japanese	
JPN413	Fourth-Year Spoken Japanese	
JPN414	Fourth-Year Reading and Writing Japanese	
JPN415	Fourth-Year Reading and Writing Japanese	
JPN416	Fourth-Year Reading and Writing Japanese	
JPN434	Advanced Readings in Japanese Literature	
JPN435	Advanced Readings in Japanese Literature	
JPN436	Advanced Readings in Japanese Literature	
JPN437	Classical Japanese Literary Language	
Select two of the following:		8
JPN305	Introduction to Japanese Literature	
JPN306	Introduction to Japanese Literature	
JPN307	Introduction to Japanese Literature	
JPN315	Introduction to Japanese Linguistics	
Four upper-division courses [1]		16
Total Credits		**32**

1. Courses must be in Japanese literature, linguistics, film, or culture (which may include a maximum of 4 credits in courses taught outside the Department of East Asian Languages and Literatures).Courses outside the department require advisor approval.

Bachelor of Arts in Japanese: Language-Intensive Option

At least five of the required courses must be completed within the Department of East Asian Languages and Literatures.

JPN301	Third-Year Japanese	5
JPN302	Third-Year Japanese	5
JPN303	Third-Year Japanese	5
Select two of the following:		8
JPN305	Introduction to Japanese Literature	
JPN306	Introduction to Japanese Literature	
JPN307	Introduction to Japanese Literature	
JPN315	Introduction to Japanese Linguistics	
JPN411	Fourth-Year Spoken Japanese	4
JPN412	Fourth-Year Spoken Japanese	4
JPN414	Fourth-Year Reading and Writing Japanese	4
JPN415	Fourth-Year Reading and Writing Japanese	4
JPN413	Fourth-Year Spoken Japanese	4
orJPN416	Fourth-Year Reading and Writing Japanese	
Upper-division course [1]		4
Total Credits		**47**

1. Courses must be in Japanese literature, linguistics, film or culture (which may include a maximum of 4 credits in courses taught outside the Department of East Asian Languages and Literatures). Courses outside the department require adviser approval.

Honors

Graduation with departmental honors is approved for students who

1. Earn a cumulative GPA of 3.50 or better in all UO work
2. Earn a cumulative GPA of 3.75 or better in major course work
3. Complete, under the supervision of a faculty member, a senior thesis to be evaluated by the thesis director and one other faculty member in the department

Students must enroll for at least 6 pass/no pass (P/N) credits in Thesis (CHN403) or Thesis (JPN403) in addition to meeting the standard major requirements. Transfer work and P/N credits are not included in determining the GPA.

Honors Thesis in Chinese

With the support of an advisor, students may write a thesis on a Chinese topic. Thesis topics must be approved at least one term before the thesis is submitted for honors credit.

Thesis Written in English. To count toward a Chinese degree, the thesis must be on a Chinese cultural topic with a suggested length of forty pages.

Thesis Written in Chinese. With an advisor's approval, language-track majors may opt to write a thesis in Chinese with a suggested length of 12,500 characters. Students in the Chinese Flagship Program who are culture majors may petition to have a Chinese-language thesis count toward honors in the department. The thesis must be on a topic that reflects an aspect of Chinese culture.

Honors Thesis in Japanese

With the support of an advisor, students may write a thesis on a Japanese topic. Thesis topics must be approved at least one term before the thesis is submitted for honors credit.

Thesis Written in English. To count toward a Japanese degree, the thesis must be on a Japanese cultural topic with a suggested length of forty pages.

Thesis Written in Japanese. With an advisor's approval, majors may opt to write a thesis in Japanese with a suggested length of 12,500 characters.

Minor in Chinese

The Chinese minor requires a minimum of 6 courses (a minimum of 24 graded credits), which must consist of at least 3 upper-division language

courses, 2 upper-division courses in literature, linguistics, and or culture, and a sixth course that can come from either category. At least three of the six courses must be taken in residence on the University of Oregon campus from the Department of East Asian Languages and Literatures.

Modern Chinese language—a minimum of three courses, at third-year level or higher, chosen from the following:	
CHN301	Third-Year Chinese
CHN302	Third-Year Chinese
CHN303	Third-Year Chinese
CHN411	Fourth-Year Chinese
CHN412	Fourth-Year Chinese
CHN413	Modern Chinese Texts: [Topic]
Culture, literature, film, linguistics—a minimum of two courses chosen from the following	
CHN305	History of Chinese Literature
CHN306	History of Chinese Literature
CHN307	History of Chinese Literature
CHN308	Literature of Modern Taiwan
CHN480	Chinese Linguistics

Upper-division language courses must be taken at the University of Oregon or through an Oregon University System program in China. Lower-division courses must be passed with grades of C– or better or P; upper-division courses must be passed with grades of C– or better.

Minor in Japanese

The Japanese minor requires a minimum of 6 courses (a minimum of 24 graded credits), which must consist of at least 3 upper-division language courses, 2 upper-division courses in literature, linguistics, and or culture, and a sixth course that can come from either category. At least three of the six courses must be taken in residence on the University of Oregon campus from the Department of East Asian Languages and Literatures.

Modern Japanese language—a minimum of three courses, at third-year level or higher, chosen from the following:	
JPN301	Third-Year Japanese
JPN302	Third-Year Japanese
JPN303	Third-Year Japanese
JPN411	Fourth-Year Spoken Japanese
JPN412	Fourth-Year Spoken Japanese
JPN413	Fourth-Year Spoken Japanese
Culture, literature, film, linguistics—a minimum of two courses chosen from the following	
JPN305	Introduction to Japanese Literature
JPN306	Introduction to Japanese Literature
JPN307	Introduction to Japanese Literature
JPN315	Introduction to Japanese Linguistics

Upper-division language courses must be taken at the University of Oregon or through an Oregon University System program in Japan. Lower-division courses must be passed with grades of C– or better or P; upper-division courses must be passed with grades of C– or better.

Minor in Korean

The Korean minor requires a minimum of 6 courses (a minimum of 24 graded credits), which must consist of at least 3 upper-division language courses, 2 upper-division courses in literature, linguistics, and or culture, and a sixth course that can come from either category. At least three of the six courses must be taken in residence on the University of Oregon campus from the Department of East Asian Languages and Literatures.

Korean language—a mimimum of three courses, at third-year level or higher, chosen from the following:		
KRN301	Third Year Korean	5
KRN302	Third-Year Korean	5
KRN303	Third-Year Korean	5
KRN411	Fourth-Year Korean	4
KRN412	Fourth-Year Korean	4
KRN413	Fourth-Year Korean	4
Culture, literature, film, linguistics—a minimum of two courses chosen from the following:		
KRN309	Languages and Cultural Formation in Korea	4
KRN315	Introduction to Korean Linguistics	4
KRN360	Contemporary Korean Film	4
KRN361	Korean Popular Culture and Transnationalism	4

Upper-division language courses must be taken at the University of Oregon or through an Oregon University System program in Japan. Lower-division courses must be passed with grades of C– or better or P; upper-division courses must be passed with grades of C– or better.

East Asian Studies Minor

See the **Asian Studies** section of this catalog for a description of the minor in East Asian studies.

Overseas Study

The University of Oregon has four overseas study programs in China and five in Akita and other parts of Japan. Students in University of Oregon study abroad programs enroll in courses with subject codes that are unique to individual programs. Special course numbers are reserved for overseas study. See International Affairs in the **Academic Resources** section of this catalog. Students are strongly advised to talk with their major advisor before they study abroad to plan their courses of study and make sure the courses they take in China and Japan will count toward major requirements.

Kindergarten through Secondary Teaching Careers

Students who complete the BA degree with a major in Chinese or Japanese are eligible to apply for the College of Education's fifth-year licensure program in middle-secondary teaching or the fifth-year licensure program to become an elementary teacher. More information is available from the College of Education.

- **Master of Arts in East Asian Languages and Literatures, Chinese Studies: Option One**
- **Master of Arts in East Asian Languages and Literatures, Chinese Studies: Option Two**
- **Master of Arts in East Asian Languages and Literatures, Japanese Studies**
- **Doctor of Philosophy in East Asian Languages and Literatures, Chinese Studies**

- **Doctor of Philosophy in East Asian Languages and Literatures, Japanese Studies**

Graduate Studies

The Department of East Asian Languages and Literatures offers programs of study leading to the degrees of master of arts (MA) and doctor of philosophy (PhD) in East Asian languages and literatures. Students may choose to specialize in Chinese, Japanese, or Korean studies.

In addition to departmental requirements, graduate students must fulfill the general requirements of the Graduate School listed in that section of this catalog.

The Chinese, Japanese, and Korean studies programs, which prepare students to work in a variety of professional and academic fields, provide intensive training in linguistic and textual analysis and an extensive exposure to literary theory, film studies, and comparative and cultural studies. The department encourages students to develop their specialization in East Asian literatures and films in broader, more comparative, and more interdisciplinary and transnational perspectives than has been the case in traditional programs. The faculty's research and teaching interests cover the major fields, genres, and chronological divisions of Chinese and Japanese literature and film. They encourage creative connections and challenges to conventional disciplinary boundaries by exploring the relationships between literature-cinema and such areas as history, law, linguistics, politics, religion, philosophy, sociology, theater and the performing arts, and women's and gender studies.

Comparative Literature

Several members of the department's faculty participate in the Comparative Literature Program. For more information, see the **Comparative Literature** section of this catalog.

Linguistics

The departmental Chinese, Japanese and Korean linguists work closely with the Department of Linguistics in research, teaching, and program development in theoretical and applied linguistics. Interested students are encouraged to work closely with a departmental advisor to pursue a specialization or field in East Asian linguistics and/or East Asian second-language acquisition.

In addition, several members of the department's faculty are affiliated with other UO graduate programs, including the graduate specialization in translation studies, graduate certificate in new media and culture, graduate certificate in women's and gender studies, and cinema studies.

Complete details and answers to specific questions about graduate programs in the Department of East Asian Languages and Literatures are available from the department's graduate secretary.

Admission

An applicant for admission to the MA program should have completed an undergraduate major in Chinese, Japanese, or Korean language, literature, or linguistics, or have equivalent experience.

An applicant for admission to the PhD program should have completed an MA degree inChinese, Japanese, or Koreanlanguage and literature, linguistics, or have equivalent experience.

Application Procedure

Graduate program applications are submitted via an online process found at the department's web site. In the course of completing the application, students are required to upload the following:

1. **Statement of Purpose**. The 750-word statement of purpose should address the applicant's specific academic preparation or experience, all areas of research interest, career goals, and reason for attending the University of Oregon. In addition, PhD applicants should include potential research questions
2. **Writing Sample**. The writing sample must come from a course that shows up on the transcript. International students must submit a sample in English and may submit an additional sample in Chinese or Japanese
3. **Transcripts**. Unofficial copies of undergraduate and/or graduate transcripts should be uploaded from all institutions attended. In addition, official transcripts from these institutions should be sent to the University of Oregon, Office of Admissions, 1217 University of Oregon, Eugene, OR 97403-1217
4. **Letters of Recommendation.** Three persons familiar with the applicant's academic experience and ability to carry out independent research must be identified. The online application requests contact information (name, position, institution, telephone number, and e-mail address) from each of these people. Upon submission of the online application, each person will be notified via e-mail and provided with instructions on how to upload their recommendations
5. **Graduate Record Examination (GRE) scores**. The GRE test is required for all applicants. Applicants should take the test in time for the official results to arrive to the university prior to January 1. The online application is self-reporting, however official GRE scores need to be sent to the University of Oregon (institution code 4846) and the Department of East Asian Languages and Literatures (department code 2601)

Applications are due by January 1. New students are typically admitted to the program for fall term.

Graduate Teaching Fellowships

A number of graduate teaching fellowships (GTFs) are available each year for new graduate students in the department. Students must apply to the department by January 1 for admission and appointment the following fall term. During each term of the appointment, graduate teaching fellows must register for and complete at least 9 credits of course work that can be applied to the degree program.

First-year GTFs must attend an orientation and training workshop, which is held the week before fall term begins.

Master of Arts in East Asian Languages and Literatures, Chinese Studies: Option One

This is the usual option for students seeking the MA degree in East Asian languages and literatures with a specialization in Chinese studies. It prepares students for study at the doctoral level.

CHN523	Issues in Early Chinese Literature	4
CHN524	Issues in Medieval Chinese Literature	4
CHN525	Issues in Modern Chinese Literature	4
Two graduate courses in linguistics, literary theory, or another literature (advisor approved)		8
EALL611	Critical Approaches	2

Course in language pedagogy, Asian history, or another field relevant to student's career objectives (advisor approved) [1]		
Five Chinese seminars		
CHN503	Thesis [2]	9
Total Credits		**31**

1. Reading and Conference: [Topic] (CHN605) may be counted toward the fourteen required courses, with advisor approval.
2. Students who elect to write a thesis must register for this course.

Students must pass a comprehensive written examination at the end of study or write a master of arts thesis.

Master of Arts in East Asian Languages and Literatures, Chinese Studies: Option Two

A master's student may, in consultation with the student's advisor, apply for early entry to the PhD program. Such applications are typically made spring term but, in any event, after at least two terms at the university. Applications must include transcripts, three recommendations, and a statement of the student's prospective course of study. Students who elect this option are awarded the master's degree upon completion of the course work for the PhD degree. Students must pass a comprehensive oral examination that covers the student's primary areas of study.

CHN523	Issues in Early Chinese Literature	4
CHN524	Issues in Medieval Chinese Literature	4
CHN525	Issues in Modern Chinese Literature	4
Two graduate courses in linguistics, literary theory, or another literature		8
EALL611	Critical Approaches	2
Course in language pedagogy, Asian history, or another field relevant to student's career objectives (advisor approved) [1]		4
Five Chinese seminars		
Total Credits		**26**

1. Reading and Conference: [Topic] (CHN605) may be counted toward the twelve required courses, with advisor approval.

Master of Arts in East Asian Languages and Literatures, Japanese Studies

The master of arts degree in East Asian languages and literatures with a specialization in Japanese studies courses must be chosen in consultation with the student's advisor.

Six courses in Japanese studies		
Two courses in methodology-theory		
Two East Asian-related courses (may be outside department)		
Select one of the following:		4
JPN537	Classical Japanese Literary Language	
JPN534	Advanced Readings in Japanese Literature	
Course in the Japanese Global Scholars program [1]		
Total Credits		**4**

1. For nonnative speakers of Japanese; native speakers of Japanese take an additional course in Japanese studies in place of this requirement.

In addition to the completion of the required courses, students must pass a comprehensive examination at the end of study or complete a master of arts thesis. The examination and degree-granting process differs for terminal MA students and for students who apply for continued study in the university's PhD program (see below).

Terminal MA Students

Those students who are not planning to go on to the PhD must successfully pass a two-part written examination based on the following reading list:

1. Approximately twenty works of Japanese literature, Japanese film, or both, which should provide comprehensive coverage of major periods, writers, and genres of Japanese literature and film. The student's advisor will provide a model reading list
2. Approximately ten works of general theory and criticism, based on the student's specialized area, which can be outside of Japanese studies
3. Approximately ten works in a specialized area of the student's own choosing

The first part of the exam shall include questions pertaining to broad issues in the field of Japanese literature and film deriving from section one of the student's reading list. The second part of the exam, to be administered a week later, shall cover more specialized questions deriving from sections two and three of the student's reading list. The student shall have forty-eight hours for each part to produce the final typed, double-spaced exams of approximately ten to twelve pages each.

Consulting the faculty committee, the advisor shall determine whether the student has successfully fulfilled the requirements for the MA degree, and shall confer one of the following grades: *distinction, clear pass, marginal pass,* or *failure*. Should the advisor determine that the candidate has not been successful, he or she may recommend that the student be given one additional opportunity to pass the exam during the next academic term.

Master of Arts in East Asian Languages and Literatures, Korean Studies

The M.A. degree in EALL with a specialization in Korean, literature, film and culture requires successful completion of a minimum of twelve graduate-level courses (at least four credits each). These courses must be chosen in consultation with the student's advisor.

Twelve courses related to the fields of Korean studies:
1. Three courses in the Korean sector
2. Four Korea-related courses, which may be taught outside the East Asian Languages and Literatures Department.
3. Electives (five courses) - Five advisor approved EALL courses.

In addition to completion of the required courses, students must pass a comprehensive examination at the end of study or write and defend a MA thesis.

Option 1: MA Comprehensive Exam
Students who choose to take a comprehensive exam must successfully pass a two-part written examination based on a reading list of:

1. Korean literature and/or film, which should provide comprehensive coverage of major periods, writers, and genres of Korean literature and/or film. Approximately 20 works.. The student's advisor will provide a model reading list.
2. General theory and criticism, based on student's specialized area, which can be outside of the Korean studies. Approximately 10 works
3. A specialized area of the student's own choosing. Approximately 10 works.

The first part of the exam shall include questions pertaining to broad issues in the field of Korean literature and/or film deriving from section one of the students' reading list. The second part of the exam, to be administered a week later, shall cover more specialized questions deriving from sections two and three of the student's reading list. The student shall have forty-eight hours for each part to produce the final typed, double spaced exams of approximately 10-12 pages each.

Option 2: M.A. Thesis

Students who elect to write a thesis must register for 9 credits of Thesis (KRN503).

1. Two terms before graduation, meet with advisor during the first week of term to set up a two member committee and a schedule for submitting thesis or project drafts (i.e. first week of winter term if planning to graduate spring term).
2. At least six weeks before the date of the thesis or project defense, submit a draft to main advisor for approval. The advisor is expected to return comments within two weeks. There will then be a continuing dialogue between the student and advisor until the manuscript is considered complete. If approval is not obtained at this point, there is no guarantee that the student will be able to graduate that term.
3. Submit a clean copy of thesis or project to advisor and committee members either two weeks before defense or four weeks before filing date for approved thesis as published by Graduate School.

MA Students Seeking Entry to PhD Program

If the student also decides to seek admission into the PhD program, the MA exam administered shall include the oral component:

An oral examination shall take place no later than the seventh week of the term in which a request for the degree has been made. It shall consist of a one- to two-hour interview with the faculty committee, which is required to be formed by the student and the advisor before the student takes the comprehensive exam, and shall include evaluation of the following:

1. the student’s skills in critical thinking, reading, listening, and writing
2. the student’s ability to formulate a pedagogical approach to topics appropriate to the student’s career goals
3. a discussion of career options and prospects.

The committee shall determine whether the candidate has successfully fulfilled the requirements for the MA degree, and shall confer one of the following grades: *distinction, clear pass, marginal pass*, or *failure*. This determination is independent of the student’s candidacy to the PhD program. As in the case of terminal MA students, should the committee determine that the candidate has not been successful, it may recommend that the student be given one additional opportunity to pass the exam during the next academic term.

Doctor of Philosophy Degree Program

The PhD program in East Asian languages and literatures is designed to provide students with a high level of competence in their area of specialization and a familiarity with applicable methodologies and theories. The program has four components:

- course work
- comprehensive examination
- prospectus for the dissertation
- the dissertation itself

Specific courses and projects used to fulfill requirements must be approved by the student’s advisor, who works with the other faculty members to develop the student’s program.

Timeline for Completion of the PhD Program

Course work—two years

Comprehensive examination and prospectus approval—one year

Dissertation writing and defense—two years

Additional Course Work

Depending on the student’s background when admitted to the PhD program, additional course work may be required.

PhD in East Asian Languages and Literatures, Chinese Studies

The PhD degree in East Asian languages and literatures with a specialization in Chinese studies requires completion of a minimum of six 4-credit graduate-level courses beyond those required for the MA degree. Depending on the student’s background or preparation at the time of admission to the PhD program, the number of required courses may be nine or twelve. Courses must be chosen in consultation with the student’s advisor.

Six courses in Chinese literature, linguistics, or film		
CHN523	Issues in Early Chinese Literature [1]	4
CHN524	Issues in Medieval Chinese Literature [1]	4
CHN525	Issues in Modern Chinese Literature [1]	4
Select one of the following:		
	Demonstrate the ability to use a second foreign language substantively in research or pass a translation examination in the language	
	Demonstrate advanced knowledge of a particular methodology or theory by taking three graduate-level courses, including one course in CHN605 for which the student writes a paper applying the methodology to Chinese literature	
	Complete three courses in a secondary literature	

1 Or equivalents—unless the student has already taken these courses.

PhD in East Asian Languages and Literatures, Japanese Studies

The PhD with a specialization in Japanese studies requires students to successfully complete nine graduate courses beyond the number required for the MA degree. These courses must be chosen in

consultation with the student's advisor. Appropriate courses in related fields (e.g., Japanese history, religion) may be substituted with the advisor's approval.

Three courses in Japanese studies
Course in interdisciplinary subfield
Two courses in methodology-theory, preferably in Japanese studies
Japanese linguistics or teaching methodology course
Two courses chosen in consultation with advisor

Students in the PhD track must successfully complete a comprehensive examination and prospectus defense (culture students) or qualifying paper (linguistics students) in order to advance to candidacy (all but dissertation) status. By the end of their second year in the program at the very latest, each student should identify a committee of three faculty members who will oversee his or her training for the comprehensive examination. Since each person's needs and interests may be different, students are expected to work closely with their primary advisor at all stages of the process.

Comprehensive Examination

The goal of the comprehensive examination is to ensure that students have received training broad enough to qualify as a teacher beyond the narrow research focus of their dissertation. The comprehensive examination is composed of a written and an oral component.

In conjunction with their primary advisor, students choose three fields, a major field and two minor fields, each to be advised by a faculty member in that area. Cultural fields may be determined by genre, time period, or methodology; linguistic fields may be determined by theoretical orientation, language orientation, and methodology. In conjunction with their advisors, students develop a reading list of twenty to forty items for each field. For culture students, these items may include both primary and secondary texts; the composition of each reading list will be tailored to the individual student's needs. It is expected that reading lists will develop organically from graduate seminars and readings and conferences.

For each field, the student will submit a comprehensive examination paper. The papers may be developed from a term paper written for a seminar or written for the sake of the examination, as determined by the advisor. These comprehensive examination papers should demonstrate the student's broad knowledge of a field. Ideally, for the major field, this paper will be the basis for a dissertation chapter. In some instances, students may be asked to develop a syllabus rather than write a research paper.

Advisors have two weeks to read and approve each comprehensive examination paper. After the three comprehensive examination papers have been approved by the field examiner and the primary advisor, the student schedules an oral examination. The oral examination (one to two hours in duration) is an opportunity for the three examiners to engage the student in an in-depth conversation about the items on the reading lists. The goal of the oral examination is to ensure that students have enough familiarity with both the critical and primary works in the field to teach at the postsecondary level. The oral examination is not open to the public.

Both parts of the comprehensive examination should be completed by the end of the student's third year in the program. It is at the discretion of the committee to determine if students should have a second opportunity to sit for an oral examination if the first attempt is not successful. At the discretion of the committee, those students whose performance is deemed unsatisfactory may be granted a terminal MA.

Prospectus (Culture Track)

Before scheduling the prospectus defense, students need to notify the graduate secretary of the membership of their dissertation committee (three faculty members from the department and one from another department). The prospectus defense is the first meeting of the entire dissertation committee to provide feedback on the dissertation research project. The prospectus, a document of twenty to thirty pages, should introduce the research question, the methodology, and a basic outline of the dissertation; a bibliography is required. Once the advisors approve a draft of the dissertation prospectus, certifying that in their opinion the project is well-conceived and viable, the student schedules a meeting of the entire committee. A defense is an opportunity for the committee to ask questions and provide advice and direction for the research project. The prospectus defense is public.

In order to leave enough time for the dissertation research and writing, the prospectus defense should take place during the third year of study and no later than the winter term of the fourth year. Students who are unable to complete a viable prospectus by spring of their fourth year in the program will be granted a terminal MA.

Qualifying Paper (Linguistics Track)

As the equivalent of the prospectus defense for culture track students, linguistics students are expected to produce an original publishable paper, of substantial length and quality, in a subfield of linguistics. This qualifying paper should demonstrate the student's ability to carry out an empirical study and write an analytical research paper. The unmodified MA thesis cannot serve this purpose.

A committee consisting of the advisor and a second faculty member familiar with the subfield will referee the qualifying paper. The student may be asked to revise the qualifying paper before it is accepted as satisfactory work. Upon documented completion of the paper, the student needs to identify a dissertation committee (three faculty members from the department and one from another department) and notify the graduate secretary. The student then confirms the dissertation topic and presents a prospectus constituting a short abstract detailing their research topic. This should be done within one term of completing the qualifying paper. After the prospectus has been approved, the student will advance to candidacy.

To leave enough time for the dissertation research and writing, the qualifying paper and prospectus should be completed during the third year of study and no later than the winter term of the fourth year. Students who are unable to complete a viable qualifying paper by spring of their fourth year in the program will be granted a terminal MA.

Program Goals

The comprehensive examination is distinct from the dissertation prospectus or qualifying paper. The comprehensive examination papers and oral examination involve general preparation and give the student an opportunity to show broad knowledge of a field. The prospectus defense for culture-track students is more narrowly focused on the dissertation project and demonstrates the student's ability to identify and define a research project. Similarly, the qualifying paper for linguistics students is focused on the student's main research area and demonstrates the ability to undertake a research project. The comprehensive examination and prospectus defense or qualifying paper enable students to demonstrate that they can be successful as teachers and researchers. Students will

advance to ABD (all but dissertion) status after the successful completion of both the comprehensive examination and the prospectus defense or qualifying paper, in addition to the completion of all required course work.

Dissertation

A dissertation committee is formed at least one month before the prospectus is presented for review and approval. This committee advises the student on writing the dissertation and approves the completed dissertation.

Students who have taken an MA comprehensive exam in Japanese studies do not need to take a PhD comprehensive exam. However, they need to orally defend the dissertation prospectus within one academic term after the completion of course work to facilitate the student's completion of the dissertation as well as to let the faculty community clearly know the progress of the student toward the completion.

Consulting the advisor, the student (either terminal MA or applicant to the PhD program) can complete an MA thesis instead of passing a comprehensive examination at the end of study. Students who elect to write a thesis are strongly recommended to register for 9 credits of Thesis (JPN503). As in the case of students who take comprehensive examinations, the advisor in consultation with the faculty committee shall determine whether the student has successfully fulfilled the requirements of the MA degree, and shall confer one of the following grades: *distinction, clear pass, marginal pass*, or *failure*. Should the advisor determine that the candidate has not been successful, the advisor may recommend that the student be given additional time to revise the thesis or to pass the exam during the next academic term.

Courses

CHN101. First-Year Chinese. 5 Credits.
Provides thorough grounding in listening comprehension, speaking, reading, and writing. Emphasis on aural-oral skills. For students with no background in Mandarin Chinese.

CHN102. First-Year Chinese. 5 Credits.
Provides thorough grounding in listening comprehension, speaking, reading, and writing. Emphasis on aural-oral skills. For students with no background in Mandarin Chinese.
Prereq: CHN 101 or equivalent.

CHN103. First-Year Chinese. 5 Credits.
Provides thorough grounding in listening comprehension, speaking, reading, and writing. Emphasis on aural-oral skills. For students with no background in Mandarin Chinese.
Prereq: CHN 102 or equivalent.

CHN150. Introduction to Chinese Narrative. 4 Credits.
Introduction to specific features of Chinese narrative. Readings may span traditional to contemporary literature. Focuses on analysis of characterization, symbolism, causality, and formal issues. Taught in English.

CHN151. Introduction to Chinese Film. 4 Credits.
Introduction to the cinemas of China, Taiwan, and Hong Kong, featuring films by directors Zhang Yimou, Chen Kaige, John Woo, Wong Kar-Wei, and Ang Lee. No background in Chinese necessary; English subtitles.

CHN152. Introduction to Chinese Popular Culture. 4 Credits.
Introduction to popular Chinese cultures in China, Hong Kong, Taiwan, and the United States. Discussion focuses on nationalism, globalization, identity, and gender. No background in Chinese necessary; taught in English.

CHN196. Field Studies: [Topic]. 1-2 Credits.
Repeatable.

CHN198. Workshop: [Topic]. 1-2 Credits.
Repeatable.

CHN199. Special Studies: [Topic]. 1-5 Credits.
Repeatable.

CHN201. Second-Year Chinese. 5 Credits.
Training in aural-oral skills designed to build listening comprehension and fluency. Development of proficiency in written Chinese.
Prereq: CHN 103 or equivalent.

CHN202. Second-Year Chinese. 5 Credits.
Training in aural-oral skills designed to build listening comprehension and fluency. Development of proficiency in written Chinese.
Prereq: CHN 201 or equivalent.

CHN203. Second-Year Chinese. 5 Credits.
Training in aural-oral skills designed to build listening comprehension and fluency. Development of proficiency in written Chinese.
Prereq: CHN 202 or equivalent.

CHN301. Third-Year Chinese. 5 Credits.
Continued training in listening, speaking, reading, and writing.
Prereq: CHN 203 or equivalent.

CHN302. Third-Year Chinese. 5 Credits.
Continued training in listening, speaking, reading, and writing.
Prereq: CHN 301 or equivalent.

CHN303. Third-Year Chinese. 5 Credits.
Continued training in listening, speaking, reading, and writing.
Prereq: CHN 302 or equivalent.

CHN305. History of Chinese Literature. 4 Credits.
Survey ranging from early Confucian and Daoist classics through Tang and Song poetry, short fiction and novels, the 1919 May Fourth Movement writers, and into the contemporary period. Readings in English.
Prereq: WR 121 or equivalent.

CHN306. History of Chinese Literature. 4 Credits.
Survey ranging from early Confucian and Daoist classics through Tang and Song poetry, short fiction and novels, the 1919 May Fourth Movement writers, and into the contemporary period. Readings in English.
Prereq: WR 121 or equivalent.

CHN307. History of Chinese Literature. 4 Credits.
Survey ranging from early Confucian and Daoist classics through Tang and Song poetry, short fiction and novels, the 1919 May Fourth Movement writers, and into the contemporary period. Readings in English.
Prereq: WR 121 or equivalent.

CHN308. Literature of Modern Taiwan. 4 Credits.
Surveys the literature of Taiwan from the postwar era to the present. Discussion focuses on national identity, gender, class, modernization, and globalization. Taught in English.
Prereq: WR 121 or equivalent.

CHN350. Gender and Sexuality in Traditional Chinese Literature. 4 Credits.
Examines the changing constructions of gender and sexuality in premodern China. Topics include arranged marriage and concubinage, attitudes toward the body and transgender identities. No background in Chinese necessary; readings in English.
Prereq: WR 121 or equivalent.

CHN351. Gender and Sexuality in Modern Chinese Literature. 4 Credits.
Primary and secondary works about women, sexuality, and changing gender roles in republican, socialist, and post-Mao China. Readings in English.
Prereq: WR 121 or equivalent.

CHN380. Self and Society in Traditional Chinese Literature. 4 Credits.
Examines the role of the self in premodern Chinese society through reading some of the most important works in traditional Chinese literature. Taught in Chinese.
Prereq: Proficiency in modern Chinese as confirmed by instructor.

CHN381. City in Chinese Literature and Film. 4 Credits.
Examines urbanization and urban culture in Chinese literature and film. Instruction in Chinese.
Prereq: fluency in spoken and written Chinese.

CHN399. Special Studies: [Topic]. 1-5 Credits.
Topic varies from term to term. Repeatable for maximum of 12 credits.

CHN401. Research: [Topic]. 1-21 Credits.
Repeatable.

CHN403. Thesis. 1-6 Credits.
Repeatable for maximum of 6 credits.

CHN405. Reading and Conference: [Topic]. 1-21 Credits.
Repeatable.

CHN406. Field Studies: [Topic]. 1-21 Credits.
Repeatable.

CHN407. Seminar: [Topic]. 1-4 Credits.
Studies and projects in Chinese literature, linguistics, or pedagogy. Sources are in Chinese, English, or both. Repeatable when topic changes.

CHN408. Workshop: [Topic]. 1-21 Credits.
Repeatable.

CHN409. Supervised Tutoring. 1-4 Credits.
Repeatable for maximum of 18 credits.

CHN410. Experimental Course: [Topic]. 1-5 Credits.
Repeatable.

CHN411. Fourth-Year Chinese. 4 Credits.
Repeatable. Study of contemporary Chinese using written and spoken forms.
Prereq: CHN 303 or equivalent.

CHN412. Fourth-Year Chinese. 4 Credits.
Repeatable. Study of contemporary Chinese using written and spoken forms.
Prereq: CHN 411.

CHN413. Modern Chinese Texts: [Topic]. 4 Credits.
Readings and discussion in Chinese of Chinese modern literary and cultural texts. Topics change yearly. Repeatable once when topic changes, for maximum of 8 credits.

CHN420. Intermediate Language Strategies. 4 Credits.
Focuses on topics in one of these areas: social sciences, sciencees, and humanities. Sequence with CHN 421, 422.
Prereq: CHN 303 or third-year Chinese language proficiency.

CHN421. Intermediate Language Strategies. 4 Credits.
Focuses on topics in one of these areas: social sciences, sciencees, and humanities. Sequence with CHN 420, 422.
Prereq: CHN 303 or third-year Chinese language proficiency.

CHN422. Intermediate Language Strategies. 4 Credits.
Focuses on topics in one of these areas: social sciences, sciencees, and humanities. Sequence with CHN 420, 421.
Prereq: CHN 303 or third-year Chinese language proficiency.

CHN423. Issues in Early Chinese Literature. 4 Credits.
Explores scholarship on and questions raised about early Chinese literary forms; examines the notions of history and narrative.

CHN424. Issues in Medieval Chinese Literature. 4 Credits.
Explores scholarship on and questions raised about Chinese poetry and its characteristics.

CHN425. Issues in Modern Chinese Literature. 4 Credits.
Explores scholarship on and questions raised about modern Chinese literature and culture; includes realism, modernism, gender, and literary form.

CHN436. Literary Chinese. 4 Credits.
Readings in various styles and genres of classical Chinese literature; stress on major works of different periods. Preparation for research.

CHN437. Literary Chinese. 4 Credits.
Readings in various styles and genres of classical Chinese literature; stress on major works of different periods. Preparation for research.

CHN438. Literary Chinese Texts: [Topic]. 4 Credits.
Focus on a theme in classical Chinese texts. Topics change yearly. Repeatable once for maximum of 8 credits.

CHN439. Chinese Academic Writing. 4 Credits.
Expansion of skills in formal written Chinese to communicate with native speakers about thoughts and professional knowledge. Repeatable thrice for a maximum of 16 credits when topic changes.
Prereq: CHN 420.

CHN445. Advanced Chinese: [Topic]. 4 Credits.
Repeatable. Focuses on group and individual language study on a specific topic, such as cultural geography of China, religious studies, or business.
Prereq: CHN 422/522.

CHN452. Chinese Film and Theory. 4 Credits.
Examines Chinese film and film theory. Focuses on Chinese film in cultural debate and in the international film arena.

CHN480. Chinese Linguistics. 4 Credits.
Introduces students to various linguistic levels of Chinese; covers basic concepts and methodologies of linguistic analysis, including the relationship between language structure, culture, and cognition.

CHN481. Pedagogical Grammar of Chinese. 4 Credits.
Introduces students to theoretically grounded pedagogical approaches to Chinese as a foreign language. Topics include theoretical models, tones, characters, morphology, syntactic construction, and discourse pragmatics.

CHN482. History of the Chinese Language. 4 Credits.
Introduction to the various stages of the historical development of the Chinese language family. Offered alternate years.

CHN503. Thesis. 1-6 Credits.
Repeatable.

CHN507. Seminar: [Topic]. 1-4 Credits.
Studies and projects in Chinese literature, linguistics, or pedagogy. Sources are in Chinese, English, or both. Repeatable when topic changes.

CHN508. Workshop: [Topic]. 1-21 Credits.
Repeatable.

CHN510. Experimental Course: [Topic]. 1-5 Credits.
Repeatable.

CHN511. Fourth-Year Chinese. 4 Credits.
Repeatable. Study of contemporary Chinese using written and spoken forms.
Prereq: CHN 303 or equivalent.

CHN512. Fourth-Year Chinese. 4 Credits.
Repeatable. Study of contemporary Chinese using written and spoken forms.
Prereq: CHN 4/511.

CHN513. Modern Chinese Texts: [Topic]. 4 Credits.
Readings and discussion in Chinese of Chinese modern literary and cultural texts. Topics change yearly. Repeatable once when topic changes, for maximum of 8 credits.

CHN520. Intermediate Language Stategies. 4 Credits.
Focuses on group and individual language study that is typically correlated with a specific content course concerning China or other Chinese-speaking areas. Sequence with CHN 521, 522.

CHN521. Intermediate Language Strategies. 4 Credits.
Focuses on group and individual language study that is typically correlated with a specific content course concerning China or other Chinese-speaking areas. Sequence with CHN 520, 522.

CHN522. Intermediate Language Strategies. 4 Credits.
Focuses on group and individual language study that is typically correlated with a specific content course concerning China or other Chinese-speaking areas. Sequence with CHN 520, 522.

CHN523. Issues in Early Chinese Literature. 4 Credits.
Explores scholarship on and questions raised about early Chinese literary forms; examines the notions of history and narrative.

CHN524. Issues in Medieval Chinese Literature. 4 Credits.
Explores scholarship on and questions raised about Chinese poetry and its characteristics.

CHN525. Issues in Modern Chinese Literature. 4 Credits.
Explores scholarship on and questions raised about modern Chinese literature and culture; includes realism, modernism, gender, and literary form.

CHN536. Literary Chinese. 4 Credits.
Readings in various styles and genres of classical Chinese literature; stress on major works of different periods. Preparation for research.

CHN537. Literary Chinese. 4 Credits.
Readings in various styles and genres of classical Chinese literature; stress on major works of different periods. Preparation for research.

CHN538. Literary Chinese Texts: [Topic]. 4 Credits.
Focus on a theme in classical Chinese texts. Topics change yearly. Repeatable once for maximum of 8 credits.

CHN539. Chinese Academic Writing. 4 Credits.
Expansion of skills in formal written Chinese to communicate with native speakers about thoughts and professional knowledge. Repeatable thrice for a maximum of 16 credits when topic changes.
Prereq: CHN 520.

CHN545. Advanced Chinese: [Topic]. 4 Credits.
Repeatable. Focuses on group and individual language study on a specific topic, such as cultural geography of China, religious studies, or business.

CHN552. Chinese Film and Theory. 4 Credits.
Examines Chinese film and film theory. Focuses on Chinese film in cultural debate and in the international film arena.

CHN580. Chinese Linguistics. 4 Credits.
Introduces students to various linguistic levels of Chinese; covers basic concepts and methodologies of linguistic analysis, including the relationship between language structure, culture, and cognition.

CHN581. Pedagogical Grammar of Chinese. 4 Credits.
Introduces students to theoretically grounded pedagogical approaches to Chinese as a foreign language. Topics include theoretical models, tones, characters, morphology, syntactic construction, and discourse pragmatics.

CHN582. History of the Chinese Language. 4 Credits.
Introduction to the various stages of the historical development of the Chinese language family. Offered alternate years.

CHN601. Research: [Topic]. 1-10 Credits.
Repeatable.

CHN602. Supervised College Teaching. 1-16 Credits.
Repeatable.

CHN603. Dissertation. 1-16 Credits.
Repeatable.

CHN605. Reading and Conference: [Topic]. 1-16 Credits.
Repeatable as student projects warrant.

CHN606. Field Studies: [Topic]. 1-16 Credits.
Repeatable.

CHN607. Seminar: [Topic]. 1-6 Credits.
Studies and projects in Chinese literature, linguistics, or pedagogy. Sources in Chinese, English, or both. Repeatable when topic changes.

CHN609. Practicum: [Topic]. 1-4 Credits.
Repeatable for maximum of 18 credits.

Courses

EALL196. Field Studies: [Topic]. 1-2 Credits.
Repeatable.

EALL198. Workshop: [Topic]. 1-2 Credits.
Repeatable.

EALL199. Special Studies: [Topic]. 1-5 Credits.
Repeatable.

EALL209. Language and Society in East Asia. 4 Credits.
Introduction to language and society in East Asia. Topics include the structure of Chinese, Japanese, and Korean; politeness; intercultural communication; writing; minority and immigrant communities. Taught in English.

EALL210. China: A Cultural Odyssey. 4 Credits.
Introduction to the distinctive features of China's linguistic, literary, artistic, and religio-philosophical heritage. Includes guest lectures, films.

EALL211. Japan: A Cultural Odyssey. 4 Credits.
Introduction to distinctive features of Japan's linguistic, literary, artistic, and religio-philosophical heritage. Includes guest lectures, films.

EALL360. East Asian Cinema. 4 Credits.
Examination of East Asian cinema in the context of the immense political and cultural transformations in Asia over the past century.

EALL399. Special Studies: [Topic]. 1-5 Credits.
Repeatable.

EALL401. Research: [Topic]. 1-21 Credits.
Repeatable.

EALL405. Reading and Conference: [Topic]. 1-21 Credits.
Repeatable.

EALL406. Field Studies: [Topic]. 1-21 Credits.
Repeatable.

EALL407. Seminar: [Topic]. 1-4 Credits.
Repeatable.

EALL408. Workshop: [Topic]. 1-21 Credits.
Repeatable.

EALL409. Supervised Tutoring. 1-3 Credits.
Repeatable.

EALL410. Experimental Course: [Topic]. 1-5 Credits.
Repeatable.

EALL440. Japanese and Korean Phonetics. 4 Credits.
The articulatory and acoustic analyses of Japanese and Korean sound systems.
Prereq: JPN 103 or KRN 103.

EALL441. Japanese and Korean Syntax. 4 Credits.
Compares and contrasts syntactic characteristics of Japanese and Korean. Series with EALL 440/540, EALL 443/543. Offered alternate years.
Prereq: JPN 103, KRN 103, or equivalent.

EALL442. Second-Language Acquisition. 4 Credits.
Analyzes how important theories and concepts in second-language acquisition apply specifically to the learning of Chinese, Japanese, and Korean.

EALL443. Chinese, Japanese, and Korean Pedagogy. 4 Credits.
Advanced language pedagogy; includes investigation of issues pertinent to the teaching of East Asian languages.
Prereq: CHN 303, JPN 303, or KRN 303.

EALL460. Teaching East Asian Languages and Literatures at College Level. 2 Credits.
Training in Chinese and Japanese language instruction through lectures, observations, and teaching practicums. Repeatable thrice for maximum of 8 credits.

EALL486. East Asian Sociopragmatics. 4 Credits.
Provides detailed analysis of how three East Asian languages (Chinese, Japanese, Korean) are used appropriately according to the social context. Offered alternate years.

EALL507. Seminar: [Topic]. 1-4 Credits.
Repeatable.

EALL508. Workshop: [Topic]. 1-21 Credits.
Repeatable.

EALL510. Experimental Course: [Topic]. 1-5 Credits.
Repeatable.

EALL540. Japanese and Korean Phonetics. 4 Credits.
The articulatory and acoustic analyses of Japanese and Korean sound systems.

EALL541. Japanese and Korean Syntax. 4 Credits.
Compares and contrasts syntactic characteristics of Japanese and Korean. Series with EALL 440/540, EALL 443/543. Offered alternate years.

EALL542. Second-Language Acquisition. 4 Credits.
Analyzes how important theories and concepts in second-language acquisition apply specifically to the learning of Chinese, Japanese, and Korean.

EALL543. Chinese, Japanese, and Korean Pedagogy. 4 Credits.
Advanced language pedagogy; includes investigation of issues pertinent to the teaching of East Asian languages.

EALL560. Teaching East Asian Languages and Literatures at College Level. 2 Credits.
Training in Chinese and Japanese language instruction through lectures, observations, and teaching practicums. Repeatable thrice for maximum of 8 credits.

EALL586. East Asian Sociopragmatics. 4 Credits.
Provides detailed analysis of how three East Asian languages (Chinese, Japanese, Korean) are used appropriately according to the social context. Offered alternate years.

EALL605. Reading and Conference: [Topic]. 1-16 Credits.
Repeatable.

EALL607. Seminar: [Topic]. 1-6 Credits.
Repeatable.

EALL608. Workshop: [Topic]. 1-4 Credits.
Repeatable three times when topic changes for maximum of 12 credits.

EALL611. Critical Approaches. 2 Credits.
Introduces recent research and methodologies in the fields of Chinese, Japanese and Korean traditional and modern literary, cultural, film, and linguistic studies.

Courses

JPN101. First-Year Japanese. 5 Credits.
Provides thorough grounding in listening, speaking, reading, and writing Japanese. Special stress on aural-oral skills. For beginners or by placement.

JPN102. First-Year Japanese. 5 Credits.
Provides thorough grounding in listening, speaking, reading, and writing Japanese. Special stress on aural-oral skills. For beginners or by placement.
Prereq: JPN 101 or equivalent.

JPN103. First-Year Japanese. 5 Credits.
Provides thorough grounding in listening, speaking, reading, and writing Japanese. Special stress on aural-oral skills. For beginners or by placement.
Prereq: JPN 102 or equivalent.

JPN196. Field Studies: [Topic]. 1-2 Credits.
Repeatable.

JPN198. Workshop: [Topic]. 1-2 Credits.
Repeatable.

JPN199. Special Studies: [Topic]. 1-5 Credits.
Repeatable.

JPN201. Second-Year Japanese. 5 Credits.
Additional training in oral-aural skills designed to build listening comprehension and fluency. Development of basic proficiency in reading and writing Japanese.
Prereq: JPN 103 or equivalent.

JPN202. Second-Year Japanese. 5 Credits.
Additional training in oral-aural skills designed to build listening comprehension and fluency. Development of basic proficiency in reading and writing Japanese.
Prereq: JPN 201 or equivalent.

JPN203. Second-Year Japanese. 5 Credits.
Additional training in oral-aural skills designed to build listening comprehension and fluency.Development of basic proficiency in reading and writing Japanese.
Prereq: JPN 202 or equivalent.

JPN250. Manga Millennium. 4 Credits.
Surveys the 1,000-year history of visual-verbal narratives—comics—in Japan, ranging from medieval picture to modern manga.

JPN301. Third-Year Japanese. 5 Credits.
Provides a solid foundation in listening, speaking, reading, and writing. Prepares students for advanced study.
Prereq: JPN 203 or equivalent.

JPN302. Third-Year Japanese. 5 Credits.
Provides a solid foundation in listening, speaking, reading, and writing. Prepares students for advanced study.
Prereq: JPN 301 or equivalent.

JPN303. Third-Year Japanese. 5 Credits.
Provides a solid foundation in listening, speaking, reading, and writing. Prepares students for advanced study.
Prereq: JPN 302 or equivalent.

JPN305. Introduction to Japanese Literature. 4 Credits.
Historical survey of Japanese literature from the 8th century to the present. Analysis and appreciation of major works, genres, and authors such as "The Tale of Genji," Haiku, Kawabata, and Mishima. Readings in English.
Prereq: WR 121 or equivalent.

JPN306. Introduction to Japanese Literature. 4 Credits.
Historical survey of Japanese literature from the 8th century to the present. Analysis and appreciation of major works, genres, and authors such as "The Tale of Genji," Haiku, Kawabata, and Mishima. Readings in English.
Prereq: WR 121 or equivalent.

JPN307. Introduction to Japanese Literature. 4 Credits.
Historical survey of Japanese literature from the 8th century to the present. Analysis and appreciation of major works, genres, and authors such as "The Tale of Genji," Haiku, Kawabata, and Mishima. Readings in English.
Prereq: WR 121 or equivalent.

JPN315. Introduction to Japanese Linguistics. 4 Credits.
Survey of general characteristics of the Japanese language in the aspects of sound structure, vocabulary, writing system, meaning, and sentence constructions. Offered alternate years.
Prereq: JPN 103.

JPN399. Special Studies: [Topic]. 1-5 Credits.
Repeatable for maximum of 12 credits.

JPN401. Research: [Topic]. 1-4 Credits.
Repeatable for maximum of 12 credits.

JPN403. Thesis. 1-6 Credits.
Repeatable for maximum of 6 credits.

JPN405. Reading and Conference: [Topic]. 1-21 Credits.
Repeatable.

JPN406. Field Studies: [Topic]. 1-21 Credits.
Repeatable.

JPN407. Seminar: [Topic]. 1-4 Credits.
Studies and projects in Japanese literature or linguistics. Sources are in Japanese, English, or both. Repeatable when topic changes.

JPN408. Workshop: [Topic]. 1-21 Credits.
Repeatable.

JPN409. Supervised Tutoring. 1-4 Credits.
Repeatable for maximum of 18 credits.

JPN410. Experimental Course: [Topic]. 1-5 Credits.
Repeatable.

JPN411. Fourth-Year Spoken Japanese. 4 Credits.
Development of speaking and listening skills related to concrete and abstract topics. Emphasis on sociolinguistic skills.
Prereq: JPN 303 or equivalent.

JPN412. Fourth-Year Spoken Japanese. 4 Credits.
Development of speaking and listening skills related to concrete and abstract topics. Emphasis on sociolinguistic skills.
Prereq: JPN 411.

JPN413. Fourth-Year Spoken Japanese. 4 Credits.
Development of speaking and listening skills related to concrete and abstract topics. Emphasis on sociolinguistic skills.
Prereq: JPN 412.

JPN414. Fourth-Year Reading and Writing Japanese. 4 Credits.
Development of reading skills, vocabulary, and knowledge of kanji. Writing exercises include message writing, letter writing, and short essays.
Prereq: JPN 303 or equivalent.

JPN415. Fourth-Year Reading and Writing Japanese. 4 Credits.
Development of reading skills, vocabulary, and knowledge of kanji. Writing exercises include message writing, letter writing, and short essays.
Prereq: JPN 414.

JPN416. Fourth-Year Reading and Writing Japanese. 4 Credits.
Development of reading skills, vocabulary, and knowledge of kanji. Writing exercises include message writing, letter writing, and short essays.
Prereq: JPN 415.

JPN425. Modern Japanese Literature: [Topic]. 4 Credits.
Investigates topics relevant to Japanese literary studies in a comparative context. Recent topics include youth culture, postwar literature, digital-age stories. Repeatable twice when topic changes for maximum of 12 credits.

JPN434. Advanced Readings in Japanese Literature. 4 Credits.
Reading modern Japanese literature in Japanese. Students acquire proficiency in reading, writing, and translation as well as knowledge of literature.
Prereq: JPN 416.

JPN435. Advanced Readings in Japanese Literature. 4 Credits.
Reading modern Japanese literature in Japanese. Students acquire proficiency in reading, writing, and translation as well as knowledge of literature.
Prereq: JPN 434.

JPN436. Advanced Readings in Japanese Literature. 4 Credits.
Reading modern Japanese literature in Japanese. Students acquire proficiency in reading, writing, and translation as well as knowledge of literature.
Prereq: JPN 435.

JPN437. Classical Japanese Literary Language. 4 Credits.
Introduction to the basic principles and forms of classical Japanese literary language--style, syntax, and textuality. Selected readings of texts in classical Japanese from Nara through Edo periods.
Prereq: JPN 303.

JPN455. Japanese Business Culture and Language. 4 Credits.
Provides extensive training in communication skills in all formats (oral and visual) in a business setting. The goal is a successful interview of local Japanese business people conducted in Japanese.
Prereq: JPN 303 or equivalent.

JPN471. The Japanese Cinema. 4 Credits.
Major filmmakers and works are introduced. Comparative analysis of Japanese cinema as narrative form and artists' efforts to grapple with the Japanese experience of modernity. Readings, films, and discussions in English.

JPN480. Early Modern Comics. 4 Credits.
Focuses on comic books in 18th and 19th century Japan and their place in the "floating world" of popular culture.

JPN490. Translation and Japanese Literature. 4 Credits.
Explores the theory and practice of translation as it relates to Japanese literature. Students produce their own translations and critique existing translations.
JPN 412 or 416

JPN503. Thesis. 1-6 Credits.
Repeatable.

JPN507. Seminar: [Topic]. 1-4 Credits.
Studies and projects in Japanese literature or linguistics. Sources are in Japanese, English, or both. Repeatable when topic changes.

JPN508. Workshop: [Topic]. 1-21 Credits.
Repeatable.

JPN510. Experimental Course: [Topic]. 1-5 Credits.
Repeatable.

JPN511. Fourth-Year Spoken Japanese. 4 Credits.
Development of speaking and listening skills related to concrete and abstract topics. Emphasis on sociolinguistic skills.
Prereq: JPN 303 or equivalent.

JPN512. Fourth-Year Spoken Japanese. 4 Credits.
Development of speaking and listening skills related to concrete and abstract topics. Emphasis on sociolinguistic skills.
Prereq: JPN 411/511.

JPN513. Fourth-Year Spoken Japanese. 4 Credits.
Development of speaking and listening skills related to concrete and abstract topics. Emphasis on sociolinguistic skills.
Prereq: JPN 412/512.

JPN514. Fourth-Year Reading and Writing Japanese. 4 Credits.
Development of reading skills, vocabulary, and knowledge of kanji. Writing exercises include message writing, letter writing, and short essays.
Prereq: JPN 303 or equivalent.

JPN515. Fourth-Year Reading and Writing Japanese. 4 Credits.
Development of reading skills, vocabulary, and knowledge of kanji. Writing exercises include message writing, letter writing, and short essays.
Prereq: JPN 414/514.

JPN516. Fourth-Year Reading and Writing Japanese. 4 Credits.
Development of reading skills, vocabulary, and knowledge of kanji. Writing exercises include message writing, letter writing, and short essays.
Prereq: JPN 415/515.

JPN525. Modern Japanese Literature: [Topic]. 4 Credits.
Investigates topics relevant to Japanese literary studies in a comparative context. Recent topics include suicide and literature East and West, nations and resistance, atomic bomb literature. Repeatable twice when topic changes for maximum of 12 credits.

JPN534. Advanced Readings in Japanese Literature. 4 Credits.
Reading modern Japanese literature in Japanese. Students acquire proficiency in reading, writing, and translation as well as knowledge of literature.
Prereq: JPN 416/516.

JPN535. Advanced Readings in Japanese Literature. 4 Credits.
Reading modern Japanese literature in Japanese. Students acquire proficiency in reading, writing, and translation as well as knowledge of literature.
Prereq: JPN 434/534.

JPN536. Advanced Readings in Japanese Literature. 4 Credits.
Reading modern Japanese literature in Japanese. Students acquire proficiency in reading, writing, and translation as well as knowledge of literature.
Prereq: JPN 435/535.

JPN537. Classical Japanese Literary Language. 4 Credits.
Introduction to the basic principles and forms of classical Japanese literary language--style, syntax, and textuality. Selected readings of texts in classical Japanese from Nara through Edo periods.
Prereq: JPN 303 or equivalent.

JPN571. The Japanese Cinema. 4 Credits.
Major filmmakers and works are introduced. Comparative analysis of Japanese cinema as narrative form and artists' efforts to grapple with the Japanese experience of modernity. Readings, films, and discussions in English.

JPN580. Early Modern Comics. 4 Credits.
Focuses on comic books in 18th and 19th century Japan and their place in the "floating world" of popular culture.

JPN590. Translation and Japanese Literature. 4 Credits.
Explores the theory and practice of translation as it relates to Japanese literature. Students produce their own translations and critique existing translations.
JPN 512 or 516

JPN601. Research: [Topic]. 1-10 Credits.
Repeatable.

JPN602. Supervised College Teaching. 1-16 Credits.
Repeatable.

JPN603. Dissertation. 1-16 Credits.
Repeatable.

JPN605. Reading and Conference: [Topic]. 1-16 Credits.
Repeatable as approved by the faculty.

JPN607. Seminar: [Topic]. 1-6 Credits.
Studies and projects in Japanese literature, linguistics, or pedagogy. Sources in Japanese, English, or both. Repeatable when topic changes.

JPN609. Practicum: [Topic]. 1-4 Credits.
Repeatable for maximum of 18 credits.

JPN610. Experimental Course: [Topic]. 1-5 Credits.
Repeatable.

Courses

KRN101. First-Year Korean. 5 Credits.
Introduction to basic Korean grammar, syllabary, conversation, and characters. Offered alternate years with KRN 201, 202, 203.

KRN102. First-Year Korean. 5 Credits.
Introduction to basic Korean grammar, syllabary, conversation, and characters.
Prereq: KRN 101.

KRN103. First-Year Korean. 5 Credits.
Introduction to basic Korean grammar, syllabary, conversation, and characters.
Prereq: KRN 102.

KRN151. Introduction to Korean Cinema. 4 Credits.
Surveys Korean national cinema, from the earliest days of the medium to the present.

KRN199. Special Studies: [Topic]. 1-5 Credits.
Repeatable.

KRN201. Second-Year Korean. 5 Credits.
Continued development of skills in speaking, reading, and writing Korean. Introduction of additional characters. Offered alternate years with KRN 101, 102, 103.
Prereq: KRN 103 or equivalent.

KRN202. Second-Year Korean. 5 Credits.
Continued development of skills in speaking, reading, and writing Korean. Introduction of additional characters.
Prereq: KRN 201.

KRN203. Second-Year Korean. 5 Credits.
Continued development of skills in speaking, reading, and writing Korean. Introduction of additional characters.
Prereq: KRN 202.

KRN301. Third Year Korean. 5 Credits.
Develops advanced language skills in Korean with focus on literary and cultural texts, writing, and oral skills. Sequence with KRN 302, 303.
Prereq: KRN 203

KRN302. Third-Year Korean. 5 Credits.
Develops advanced language skills in Korean with focus on literary and cultural texts, writing, and oral skills. Sequence with KRN 301, 303.
Prereq: KRN 301.

KRN303. Third-Year Korean. 5 Credits.
Develops advanced language skills in Korean with focus on literary and cultural texts, writing, and oral skills. Sequence with KRN 301, 302.
Prereq: KRN 302.

KRN309. Languages and Cultural Formation in Korea. 4 Credits.
Examines the roles that languages and literacies played in the formation of Korean culture from a socio-historical linguistic perspective.

KRN315. Introduction to Korean Linguistics. 4 Credits.
Surveys general characteristics of the Korean language and places them in their cultural and historical context.
Prereq: KRN 103.

KRN360. Contemporary Korean Film. 4 Credits.
Introduction to contemporary South Korean film. Explores changes in film culture, practice, and industry in relation to social changes since the early 1990s. Offered alternate years.

KRN361. Korean Popular Culture and Transnationalism. 4 Credits.
Explores contemporary South Korean popular culture in a global frame and key issues in cultural transnationalization.

KRN399. Special Studies: [Topic]. 1-5 Credits.
Repeatable.

KRN410. Experimental Course: [Topic]. 1-5 Credits.
Repeatable.

KRN411. Fourth-Year Korean. 4 Credits.
Development of advanced language skills and cultural sensitivity. Sequence with KRN 412, 413.
Prereq: KRN 303.

KRN412. Fourth-Year Korean. 4 Credits.
Development of advanced language skills and cultural sensitivity. Sequence with KRN 411, 413.
Prereq: KRN 411.

KRN413. Fourth-Year Korean. 4 Credits.
Development of advanced language skills and cultural sensitivity. Sequence with KRN 411, 412.
Prereq: KRN 412.

KRN510. Experimental Course: [Topic]. 1-5 Credits.
Repeatable.

KRN511. Fourth-Year Korean. 4 Credits.
Development of advanced language skills and cultural sensitivity. Sequence with KRN 512, 513.

KRN512. Fourth-Year Korean. 4 Credits.
Development of advanced language skills and cultural sensitivity. Sequence with KRN 511, 513.
Prereq: KRN 511.

KRN513. Fourth-Year Korean. 4 Credits.
Development of advanced language skills and cultural sensitivity. Sequence with KRN 511, 512.
Prereq: KRN 512.

KRN605. Reading and Conference: [Topic]. 1-16 Credits.
Repeatable.

KRN609. Practicum: [Topic]. 1-4 Credits.
Repeatable for maximum of 18 credits.

Economics

Van Kolpin, Department Head
541-346-8845
435 Prince Lucien Campbell Hall

Economics addresses the problem of using scarce resources to satisfy society's unlimited wants. The discipline is divided into two general areas —microeconomics and macroeconomics. Microeconomics explores questions about the way society allocates resources; it applies to public policy in such areas as urban, industrial organization, and labor economics. Macroeconomics considers such questions as the causes

of inflation and unemployment; it applies to such areas as monetary development and international economics.

Faculty

Bruce A. Blonigen, Philip H. Knight Professor (international trade,industrial organization, applied econometrics). BA, 1988, Gustavus Adolphus; MA, 1992, PhD, 1995, California, Davis. (1995)

Alfredo Burlando, assistant professor (development, labor economics, industrial organization). BA, 2003, MA, 2003, California, Davis; PhD, 2010, Boston. (2010)

Trudy Ann Cameron, Raymond F. Mikesell Professor of Environmental and Resource Economics (applied microeconomics, applied econometrics). BA, 1977, British Columbia; PhD, 1982, Princeton. (2001)

Shankha Chakraborty, professor (growth and development, macroeconomics). BS, 1992, Presidency; MA, 1994, Delhi School of Economics; PhD, 1999, California, Los Angeles. (1999)

Anca D. Cristea, assistant professor (international economics, industrial organization, applied econometrics). BA, 2003, Babes-Bolyai; MA, 2005, Clemson; PhD, 2010, Purdue, West Lafayette. (2010)

Timothy A. Duy, assistant professor with title of professor of practice (macroeconomics, monetary policy, international finance). BA, 1991, Puget Sound; MS, PhD, 1998, Oregon. (2002)

Christopher J. Ellis, professor (applied economic theory, public economics, political economy). BA, 1978, Essex; MA, 1979, PhD, 1983, Warwick. (1983)

George W. Evans, College of Arts and Sciences Distinguished Professor; John Hamacher Chair in Economics (econometrics, macroeconomics). BA, 1972, Oxford; BA, 1974, MA, 1976, PhD, 1980, California, Berkeley. (1994)

Benjamin Hansen, associate professor (labor economics, public economics, econometrics). BA, 2004, Brigham Young; MA, 2005, PhD, 2009, California, Santa Barbara. (2010)

William T. Harbaugh, professor (public economics, behavioral economics, neuroeconomics). BS, 1983, MS, 1986, Montana State; PhD, 1995, Wisconsin, Madison. (1995)

Van Kolpin, professor (microeconomic theory, game theory, social choice theory). BA, 1982, Coe; MS, 1983, MA, 1984, PhD, 1986, Iowa. (1986)

Peter J. Lambert, professor (public economics, income equality, tax and benefit systems). PhD, 1971, Oxford. (2002)

Ralph Mastromonaco, assistant professor (environmental, public, industrial organization). BS, 2005, Pittsburgh; MA, 2008, PhD, 2012, Duke. (2012)

Bruce McGough, associate professor (macroeconomics). BA, 1991, Reed; MS, 1993, PhD, 2000, Oregon. (2012)

Jeremy M. Piger, professor (macroeconomics, econometrics). BA, 1996, Seattle Pacific; MA, 1998, PhD, 2000, Washington (Seattle). (2006)

Nicholas Sly, associate professor (international trade, labor economics, applied microeconomics). BA, 2004, Northern Iowa; MA, 2005, PhD, 2009, Michigan State. (2009)

Mark A. Thoma, professor (econometrics, macroeconomics). BA, 1980, California State, Chico; PhD, 1985, Washington State. (1987)

Michael B. Urbancic, instructor (behavioral economics, experimental economics, economic history). BS, BA, 2002, Arizona; PhD, 2012, California, Berkeley. (2012)

Anne van den Nouweland, professor (game theory, microeconomic theory). BA, 1984, MA, 1989, Nijmegen; PhD, 1993, Tilburg. (1996)

Glen R. Waddell, professor (applied econometrics, industrial organization, labor economics). BS, 1995, Trent; MS, 1996, Miami; PhD, 2000, Purdue. (2001)

Caroline E. Weber, assistant professor (applied microeconometrics, public finance). BS, 2006, Puget Sound; MA, 2008, PhD, 2012, Michigan, Ann Arbor. (2012)

Wesley W. Wilson, professor (applied econometrics, industrial organization, transportation economics). BS, BA, 1980, North Dakota; MA, 1984, PhD, 1986, Washington State. (1989)

Jiabin Wu, assistant professor (experimental economics, behavior economics, political economy). BA, 2008, Hong Kong; MS, 2010, PhD, 2014, Wisconsin, Madison. (2014)

Emeriti

Robert Campbell, professor emeritus. BA, 1947, California, Berkeley; BS, 1950, U.S. Merchant Marine Academy; PhD, 1953, California, Berkeley. (1952)

Henry N. Goldstein, professor emeritus. BA, 1950, North Carolina, Chapel Hill; MS, 1953, PhD, 1967, Johns Hopkins. (1967)

Jo Anna Gray, professor emerita. BA, 1971, Rockford; AM, 1973, PhD, 1976, Chicago. (1989)

Stephen E. Haynes, professor emeritus. BA, 1968, PhD, 1976, California, Santa Barbara. (1978)

Chulsoon Khang, professor emeritus. BA, 1959, Michigan State; MA, 1962, PhD, 1965, Minnesota. (1966)

Joe A. Stone, professor emeritus. BA, 1970, Texas, El Paso; MA, 1974, PhD, 1977, Michigan State. (1979)

W. Ed Whitelaw, professor emeritus. BA, 1963, Montana; PhD, 1968, Massachusetts Institute of Technology. (1967)

The date in parentheses at the end of each entry is the first year on the University of Oregon faculty.

- **Bachelor of Arts**
- **Bachelor of Science**
- **Minor**

Undergraduate Studies

The Department of Economics offers an undergraduate major leading to a bachelor's degree. Undergraduate courses in economics provide broad knowledge of the field as a part of the program of liberal education offered by the College of Arts and Sciences. They also lay a solid foundation in economics to students interested in professional graduate

training in economics or in careers in business, law, government, or journalism.

For more detailed information, students are encouraged to visit the department website.

Preparation

Suggested preparation for freshman students is four years of high school mathematics. Prospective majors are strongly urged to satisfy part of their science group requirement with an introductory calculus sequence and the combination of mathematics and computer and information science required for the bachelor of science degree, to be taken in the freshman or sophomore year. Suggested preparation for second-year college transfer students is

1. the equivalents of EC201 Introduction to Economic Analysis: Microeconomics and EC202 Introduction to Economic Analysis: Macroeconomics and
2. the equivalents of MATH251 Calculus I, MATH252 Calculus II—or MATH241 Calculus for Business and Social Science I, MATH242 Calculus for Business and Social Science II for students not intending to pursue graduate training in economics—as well as MATH243 Introduction to Methods of Probability and Statistics.

Career and Advising Services

The Career and Advising Services office in the Department of Economics provides academic planning and career development support for economics majors and minors.This includes advice about courses, minors, and concentrations, as well as assistance with résumés, job and internship search, and interviewing preparation.Career opportunities in economics include technical roles (actuarial, data analyst, financial analyst, researcher, consulting) as well as less technical roles (management, sales, human resources). Common employers include banks, financial institutions, government agencies, corporations, small businesses, and nonprofit organizations.

Online Economics Courses

EC201	Introduction to Economic Analysis: Microeconomics	4
EC202	Introduction to Economic Analysis: Macroeconomics	4
EC380	International Economic Issues	4

These courses are self-paced; the examinations are administered in the Social Sciences Instructional Laboratory for on-campus students and online for off-campus students. The courses, which must be completed within a standard ten-week term, are open to enrolled and community-education students and to high school students who want accredited university course work.

Careers

Career opportunities in economics are found in federal, state, and local government agencies; private industry; various nonprofit organizations; and journalism. A bachelor's degree in economics provides an excellent background for graduate admission in law, business, and public policy. Students with superior undergraduate academic records frequently go on to graduate work in economics, which leads to careers in higher education, economic research organizations in government, and private industry.

For more information, visit Bill Sherman, director of career and advising services, in 405 Prince Lucien Campbell Hall.

Bachelor of Arts Degree Requirements

EC201 &EC202	Introduction to Economic Analysis: Microeconomics and Introduction to Economic Analysis: Macroeconomics [1]	8
MATH241–242	Calculus for Business and Social Science I-II [1]	8
MATH243	Introduction to Methods of Probability and Statistics [1]	4
EC311 &EC313	Intermediate Microeconomic Theory and Intermediate Macroeconomic Theory [2,3]	8
EC320,421	Introduction to Econometrics [2,3]	8
Economics courses numbered 300 or above [3,4]		28

1 Should be completed by the end of the sophomore year.

2 Should be completed by the end of the junior year.

3 At least 28 of the 44 required upper-division credits required for the major (i.e., EC311 Intermediate Microeconomic Theory, EC313 Intermediate Macroeconomic Theory, EC320 Introduction to Econometrics, EC421 Introduction to Econometrics, and the 28 required field course credits) must be taken at the University of Oregon

4 At least 20 credits in courses numbered 400 or above. No more than 8 of the 28 credits may be in courses numbered 401, 404, 405, or 408.

Grades of C– or better in courses taken to satisfy major requirements.

Bachelor of Science Degree Requirements

EC201 &EC202	Introduction to Economic Analysis: Microeconomics and Introduction to Economic Analysis: Macroeconomics [1]	8
MATH241–242	Calculus for Business and Social Science I-II [1]	8
MATH243	Introduction to Methods of Probability and Statistics [1]	4
EC311 &EC313	Intermediate Microeconomic Theory and Intermediate Macroeconomic Theory [2,3]	8
EC320,421	Introduction to Econometrics [2,3]	8
Economics courses numbered 300 or above [3,4]		28

1 Should be completed by the end of the sophomore year.

2 Should be completed by the end of the junior year.

3 At least 28 of the 44 required upper-division credits required for the major (i.e., EC311 Intermediate Microeconomic Theory, EC313 Intermediate Macroeconomic Theory, EC320 Introduction to Econometrics, EC421 Introduction to Econometrics, and the 28 required field course credits) must be taken at the University of Oregon

4 At least 20 credits in courses numbered 400 or above. No more than 8 of the 28 credits may be in courses numbered 401, 404, 405, or 408.

Courses Offered Pass/No Pass Only

EC401	Research: [Topic]	NaN
EC404	Internship	NaN
EC405	Reading and Conference: [Topic]	NaN
EC408	Workshop: [Topic]	NaN

EC320 Introduction to Econometrics (or EC423 Econometrics) is a prerequisite for almost all 400-level courses. EC311 Intermediate Microeconomic Theory and sometimes EC313 Intermediate Macroeconomic Theory are as well. Because MATH242 Calculus for Business and Social Science II and MATH243 Introduction to Methods of Probability and Statistics are prerequisites for EC320 Introduction to Econometrics, it is important for students to take those courses early. See the course listings for details on prerequisites.

Advanced Options

Students interested in pursuing graduate work in economics, or who otherwise wish to pursue a more advanced track, may make any or all of the substitutions displayed to the standard requirements for the major.

EC201 &EC202	Introduction to Economic Analysis: Microeconomics and Introduction to Economic Analysis: Macroeconomics [1]	8
MATH251–252	Calculus I-II [2]	8
orMATH261–262	Calculus with Theory I-II	
EC423–424	Econometrics [1,3]	8
EC411 &EC413	Advanced Microeconomic Theory and Advanced Macroeconomic Theory [4,5]	8
Economics courses numbered 300 or above [3,4]		28
Any upper-division mathematics course in statistics in place of MATH243		4

1 Should be completed by the end of the sophomore year.

2 In place of Calculus for Business and Social Science I-II (MATH241–242).

3 In place of Introduction to Methods of Probability and Statistics (MATH243), Introduction to Econometrics (EC320), and Introduction to Econometrics (EC421). Econometrics (EC425) is recommended but not required. These can also count as 400-level field courses if one has already taken Introduction to Econometrics (EC320) and Introduction to Econometrics (EC421).

4 Take either course or both courses in place of Intermediate Microeconomic Theory (EC311) and Intermediate Macroeconomic Theory (EC313). If Intermediate Microeconomic Theory (EC311) and/or Intermediate Macroeconomic Theory (EC313) have already been taken, these 400-level courses may be used as field courses. Should be completed by the end of the junior year.

5 At least 28 of the 44 required upper-division credits required for the major must be taken at the University of Oregon.

Departmental Honors

Qualified students may apply to graduate with honors in economics. Two requirements must be met:

1. Completion of upper-division economics courses with at least a 3.50 grade point average
2. Completion of a research paper, written under the guidance of a faculty member, for 4 credits in EC401 Research: [Topic]. A copy of the completed paper, approved by the faculty advisor, must be presented to the department by Friday of the week before final examinations during the term the student plans to graduate

Students interested in honors also should consider taking EC418 Economic Analysis of Community Issues I, EC419 Economic Analysis of Community Issues II.Students who intend to satisfy these requirements should notify the director of undergraduate studies early in the term in which they intend to graduate.

Professional Concentrations

Given the breadth of a degree in economics, students are encouraged to choose one or more professional concentrations that are consistent with their career goals. Suggested course work for seven professional concentrations is described below. Sample programs for each concentration, descriptions of career possibilities, and recommendations for additional preparation are available in the undergraduate resource center and the department office.

Business Economics—Banking and Finance

1. Complete major requirements including

EC370	Money and Banking	4
orEC470	Monetary Policy	
EC360	Issues in Industrial Organization	4
orEC460	Theories of Industrial Organization	
orEC484	Multinational Corporations	
EC380	International Economic Issues	4
orEC480	International Finance	
orEC481	International Trade	

2. Complete a minor or approved equivalent in business administration

Business Economics—Management, Marketing, and Accounting

1. Complete major requirements including

EC350	Labor Market Issues	4
orEC450	Labor Economics	
EC430	Urban and Regional Economics	4
orEC432	Economy of the Pacific Northwest	
orEC440	Public Economics	
EC360	Issues in Industrial Organization	4
orEC460	Theories of Industrial Organization	
orEC484	Multinational Corporations	

2. Complete a minor or approved equivalent in business administration

Economics and Public Policy and Administration

1. Complete major requirements including

EC340	Issues in Public Economics	4
orEC440	Public Economics	

EC430	Urban and Regional Economics	4
orEC432	Economy of the Pacific Northwest	
EC360	Issues in Industrial Organization	4
orEC460	Theories of Industrial Organization	
orEC484	Multinational Corporations	
EC350	Labor Market Issues	4
orEC450	Labor Economics	

2. Complete a minor or equivalent in political science or planning, public policy and management

Environmental Economics

1. Complete major requirements including

EC333	Resource and Environmental Economic Issues	4
EC340	Issues in Public Economics	4
orEC440	Public Economics	
EC360	Issues in Industrial Organization	4
orEC460	Theories of Industrial Organization	

2. Complete the environmental studies minor or an approved equivalent

Graduate Preparation in Economics and Mathematical Economics

1. Complete major requirements including

EC411	Advanced Microeconomic Theory	4
orEC413	Advanced Macroeconomic Theory	
MATH251–252	Calculus I-II	8
orMATH261–262	Calculus with Theory I-II	
EC423 &EC424	Econometrics and Econometrics	8
EC427	Games and Decisions	4
orEC428	Behavioral and Experimental Economics	

2. Complete a minor in mathematics

International and Development Economics

1. Complete major requirements including

EC480 &EC481	International Finance and International Trade	8
EC390	Problems and Issues in the Developing Economies	4
orEC490	Economic Growth and Development	
orEC491	Issues in Economic Growth and Development	
EC360	Issues in Industrial Organization	4
orEC460	Theories of Industrial Organization	
orEC484	Multinational Corporations	
EC370	Money and Banking	4
orEC470	Monetary Policy	

2. Complete a minor or the equivalent in business administration, political science, history, international studies, or an area studies program

Law and Economics and Political Economy

1. Complete major requirements including

EC340	Issues in Public Economics	4
orEC440	Public Economics	
EC350	Labor Market Issues	4
orEC450	Labor Economics	
EC360	Issues in Industrial Organization	4
orEC460	Theories of Industrial Organization	
orEC484	Multinational Corporations	
EC380	International Economic Issues	4
orEC481	International Trade	
EC427	Games and Decisions	4

2. Complete a minor or equivalent in political science

Economics Minor

EC201	Introduction to Economic Analysis: Microeconomics	4
EC202	Introduction to Economic Analysis: Macroeconomics	4
EC311	Intermediate Microeconomic Theory	4
EC313	Intermediate Macroeconomic Theory	4
Two additional upper-division 4-credit courses in economics		8
Total Credits		**24**

Two of the four upper-division 4-credit courses must be taken from the UO economics department. Minor requirements cannot be satisfied with EC401 Research: [Topic], EC404 Internship, EC405 Reading and Conference: [Topic], or EC408 Workshop: [Topic].Courses applied to the economics minor must be completed with grades of C– or better.

Kindergarten through Secondary Teaching Careers

Students who complete a degree in economics are eligible to apply to the College of Education's fifth-year licensure program in middle-secondary teaching or the fifth-year licensure program in elementary teaching. More information is available in the **College of Education** section of this catalog.

- **Master of Arts**
- **Master of Science**
- **Doctor of Philosophy**

Graduate Studies

The Department of Economics offers graduate work leading to the degrees of master of arts (MA), master of science (MS), and doctor of philosophy (PhD). Graduate fields include macroeconomics; applied econometrics; game theory; economic growth and development; industrial organization; and international, labor, public, environmental, experimental, and health economics. A detailed description of degree requirements may be obtained from the department website.

General information about graduate work at the University of Oregon is available in the **Graduate School** section of this catalog.

Applicants for admission must submit the following to the department:

1. Scores on the general test of the Graduate Record Examinations (GRE), sent by the testing center
2. Three letters of recommendation
3. Complete transcripts of previous work sent by the issuing institutions
4. A brief statement of purpose or personal statement
5. Curriculum vitae or résumé

At minimum, applicants should have substantial knowledge of intermediate economic theory and of mathematics equivalent to:

EC311	Intermediate Microeconomic Theory	4
EC313	Intermediate Macroeconomic Theory	4
MATH251	Calculus I	4
MATH252	Calculus II	4
MATH253	Calculus III	4
MATH281	Several-Variable Calculus I	4
MATH341	Elementary Linear Algebra	4
MATH243	Introduction to Methods of Probability and Statistics	4
orMATH425	Statistical Methods I	
MATH315	Elementary Analysis (recommended)	4

Strong grades in economics and mathematics courses, in addition to scholarly potential, will be valued by the admissions committee.

Applicants whose native language is not English and who have not graduated from an American university must also submit their scores on the Test of English as a Foreign Language (TOEFL or TOEFL Internet-Based Test) or the International English Language Testing System examination. Applicants to the PhD program whose native language is not English must also submit a Speaking Proficiency English Assessment Kit (SPEAK) or TOEFL Internet-Based Test score.

Master's Degree

The Department of Economics offers a master's degree program to prepare students for consulting and applied research positions in private industry and government, teaching positions in two-year colleges, or study for a PhD in economics.

The master's degree program consists of the following departmental requirements in addition to university and Graduate School requirements for the master of arts (MA) or the master of science (MS) degree. Each master's degree candidate chooses either the course work or the research option.

Credit Requirements

The course work option requires a minimum of 48 graduate credits. The research option requires a minimum of 45 graduate credits if the candidate writes a research paper or a minimum of 51 graduate credits if the candidate writes a thesis.

Master of Arts Degree Requirements

Core Courses		
EC523–525	Econometrics (or equivalent) [1]	12
EC511	Advanced Microeconomic Theory [1]	4
EC513	Advanced Macroeconomic Theory [1]	4
Elective Economics Courses [2]		
Option 1: Course work [3]		
Select one of the following:		
EC607	Seminar: [Topic] (Time-Series Econometrics)	
EC607	Seminar: [Topic] (Microeconometrics)	
Six elective courses, at least three of which must be at the 600 level [3]		
Option 2: Research		
Five elective courses, at least two of which must be at the 600 level [4]		

1. To be completed by the end of the first full academic year. An average grade of B– or better must be achieved in these courses. Courses receiving grades less than B– must be retaken the following year.
2. Excluding EC503 Thesis, EC601 Research: [Topic], EC605 Reading and Conference: [Topic], EC609 Practicum: [Topic], and PhD-level micro- and macroeconomics core courses (EC607 Seminar: [Topic]). PhD students who transfer to the master's program and who have completed the micro- and macroeconomics core courses (EC607 Seminar: [Topic]) may apply those courses to master's degree requirements.
3. The 600-level courses must be approved by the candidate's advisor before the course work option is begun.
4. No more than 5 credits in EC601 Research: [Topic] may be applied to the 45-credit minimum for the research paper and no more than 9 credits in EC503 Thesis may be applied to the 51-credit minimum for the thesis.

Master of Science Degree Requirements

Core Courses		
EC523–525	Econometrics (or equivalent) [1]	12
EC511	Advanced Microeconomic Theory [1]	4
EC513	Advanced Macroeconomic Theory [1]	4
Elective Economics Courses [2]		
Option 1: Course work [3]		
Select one of the following:		
EC607	Seminar: [Topic] (Time-Series Econometrics)	
EC607	Seminar: [Topic] (Microeconometrics)	
Six elective courses, at least three of which must be at the 600 level [3]		
Option 2: Research		
Five elective courses, at least two of which must be at the 600 level [4]		

1. To be completed by the end of the first full academic year. An average grade of B– or better must be achieved in these courses. Courses receiving grades less than B– must be retaken the following year.

2 Excluding EC503 Thesis, EC601 Research: [Topic], EC605 Reading and Conference: [Topic], EC609 Practicum: [Topic], and PhD-level micro- and macroeconomics core courses (EC607 Seminar: [Topic]). PhD students who transfer to the master's program and who have completed the micro- and macroeconomics core courses (EC607 Seminar: [Topic]) may apply those courses to master's degree requirements.

3 The 600-level courses must be approved by the candidate's advisor before the course work option is begun.

4 No more than 5 credits in EC601 Research: [Topic] may be applied to the 45-credit minimum for the research paper and no more than 9 credits in EC503 Thesis may be applied to the 51-credit minimum for the thesis.

The thesis or research paper, on a topic from the area of economics in which a 600-level field course was taken, must be approved by two department faculty members. The candidate's committee must have approved a prospectus for the thesis or research paper before the term in which the thesis or research paper is approved.

Courses taken to satisfy master's degree requirements (except EC503 Thesis, EC601 Research: [Topic], and EC605 Reading and Conference: [Topic]) must be taken for letter grades and completed with at least a 3.00 cumulative grade point average. A GPA below the level of 3.00 at any time during a graduate student's studies or the accumulation of more than 5 credits of N or F grades, regardless of GPA, is considered unsatisfactory and may lead to termination from the program.

Unless on-leave status has been approved, a student must attend the university continuously until all program requirements have been completed. The student must register for 3 graduate credits each term, excluding summer sessions, to be continuously enrolled. A minimum of 30 credits toward the master's degree must be taken in residence over a period of at least two terms. In addition, at least 9 credits in courses numbered 600–699 must be taken in residence.

Substitutions and Waivers

Substitutions of alternative courses or courses taken elsewhere require the joint approval of the master's program committee and the department head before they can be counted toward the credit minimum. Any other waivers or exceptions to departmental requirements require the approval of the department faculty.

Time Limits

Students who choose the course work option must complete all the master's degree requirements within three years. Students who choose the research option must complete all the master's degree requirements within five years.

The master's degree typically requires five to six terms of full-time work. A few well-qualified students have satisfied requirements for the degree in four terms.

Doctor of Philosophy

Degree Requirements

A PhD in economics prepares students to teach at liberal arts and research universities; to work in state, federal, and international organizations; and to conduct research or work as a consultant for private industry. Graduate students seeking the PhD degree in economics at the University of Oregon must complete the following departmental requirements as well as all university requirements. Except for EC601 Research: [Topic], EC603 Dissertation, EC605 Reading and Conference: [Topic], and EC609 Practicum: [Topic], economics courses must be taken for letter grades.

Microeconomic theory (three terms) [1]		
Macroeconomics theory (three terms) [1]		
Econometrics (three terms) [1]		
EC607	Seminar: [Topic] (two-term sequences) [2]	1-5
EC601	Research: [Topic] [3]	6
EC607	Seminar: [Topic] (five courses) [4]	1-5
EC603	Dissertation [4]	18

1 Students who complete these courses with a GPA of 2.90 or higher will be invited to take the qualifying examination in microeconomic and macroeconomic theory when it is offered in early summer. Records of students whose GPA is lower than 2.90 are evaluated to determine eligibility for the qualifying examination. Students who fail the qualifying examination may be asked to retake it early the following September. Students who pass the qualifying examination but have a GPA less than 3.00 in econometrics must take a competency examination in econometrics, which is administered the Thursday before the first week of fall classes. Students who fail the competency examination must retake each econometrics course in which they received a grade of less than B and pass it with a grade of B or better. Students must file an approved program of study by December 15 following the qualifying examination.

2 Sequences in two fields of economics must be completed with a 3.00 GPA or better. Credit for Research: [Topic] (EC601), Dissertation (EC603), Reading and Conference: [Topic] (EC605), or Practicum: [Topic] (EC609) cannot be counted toward the field requirement.

3 By winter term of the third year, a research paper for at least 6 credits must be completed in one of the fields and approved by two members of the faculty with specialties in that field

4 Must be taken outside the two fields of economics previously chosen and completed with a 3.00 GPA or better. Credit for Research: [Topic] (EC601), Dissertation (EC603), Reading and Conference: [Topic] (EC605), or Practicum: [Topic] (EC609) cannot be counted toward the field requirement.Advancement to candidacy may be requested after the student has completed the above requirements and orally defended a prospectus for the dissertation, which must include a minimum of 6 credits in Research: [Topic] (EC601). Students must be enrolled for at least 3 credits during the term of advancement.

5 The dissertation must be a significant contribution to the field and must be completed in conjunction with at least 18 credits of Dissertation (EC603). A formal, public defense must take place on the UO campus at a date set by the committee chair and approved by the Graduate School.

Time Limits

The seven-year time limit for completion of PhD degree requirements begins with the first term of admission—either conditional or unconditional—as a doctoral student at the university. The required year of residency on the Eugene campus, passing of comprehensive examinations for advancement to candidacy, and completion of the doctoral dissertation must all be accomplished within this seven-year limit.

Courses other than those described above and courses taken elsewhere may not be substituted without approval of the PhD program committee and the department head. In no instance can the qualifying examination be waived.

Students in the PhD program may apply to be awarded a master's degree upon completion of the master's program requirements and the approval of the master's program advisor.

Detailed information is given on the department's website.

Support Services

College of Arts and Sciences Data Services Laboratory

Garron Hale, Director
541-346-1335
451 McKenzie Hall

The College of Arts and Sciences Data Services Laboratory specializes in data acquisition, access to online data, and the archiving of local data. The laboratory's membership in the Interuniversity Consortium for Political and Social Research entitles the university community to order data from the largest data archive in the world. Data available to consortium members include the panel study of income dynamics, international financial statistics, census data, national crime statistics, and current population surveys. The laboratory also participates in the National Center for Health Statistics' electronic data dissemination program. The laboratory stores data from the panel study of income dynamics, international financial statistics, World Development Indicators, Global Insight, and the Organization for Economic Cooperation and Development. Users can easily obtain data at their desks by using file transfer protocol (FTP).

Laboratory services include using the Internet to locate data, ordering data, subsidizing data purchases, creating subsets of those data, and offering users advice on data structures. The laboratory also archives data sets generated by campus researchers.

Social Science Instructional Laboratory

Garron Hale, Director
541-346-2547
442 and 445 McKenzie Hall

The Social Science Instructional Laboratory is an advanced microcomputer laboratory that facilitates teaching with technology. Staff members assist social science instructors with educational technology applications, computer classroom laboratories, distance education course design, and course testing software. Staff members teach students computer applications, offer consulting services, provide students with access to real-world data, and provide research assistance to social science graduate students. Any UO student may use the laboratory when it is not in use by a class.

The facility consists of a twenty-six-station laboratory, a thirty-six-station laboratory, and an eight-station advanced lab. All three have state-of-the-art computers with fast processors and ample RAM and storage in a campus-networked environment. The two larger classroom laboratories are equipped with an instructor station, teaching software, a wheelchair-accessible station, a scanner, and a computer projector system. Printing capabilities include color laser printers and a large-format plotter. The classroom laboratories have a large selection of statistical software and software for geographic information systems, web editing, graphics, and specific class needs.

The Social Science Instructional Laboratory houses the instructional geographic information systems (GIS) laboratory, in which students can use the powerful ArcInfo software to create maps and conduct spatial analyses.

Courses

EC101. Contemporary Economic Issues. 4 Credits.
Examines contemporary public policy using economic principles. Topics may include balanced budgets and tax reform, unemployment, health care, poverty and income redistribution, environmental policy, and international trade policy.

EC199. Special Studies: [Topic]. 1-5 Credits.
Repeatable.

EC201. Introduction to Economic Analysis: Microeconomics. 4 Credits.
Examines how consumers, firms, and governments make decisions when facing scarce resources and how those decisions affect market outcomes, such as prices and output. MATH 111 recommended.

EC202. Introduction to Economic Analysis: Macroeconomics. 4 Credits.
Examines the aggregate activity of a market economy, the problems that arise, such as inflation and unemployment, and how the government can use macroeconomic policy to address these problems. EC 201 recommended.

EC311. Intermediate Microeconomic Theory. 4 Credits.
Consumer and firm behavior, market structures. General equilibrium theory, welfare economics, collective choice, rules for evaluating economic policy. Students cannot receive credit for both EC 311 and FIN 311.
Prereq: EC 201, MATH 111.

EC313. Intermediate Macroeconomic Theory. 4 Credits.
Determination of aggregate income, employment, and unemployment; evaluation of macroeconomic policies.
Prereq: EC 202, MATH 111; EC 311 strongly recommended.

EC320. Introduction to Econometrics. 4 Credits.
Application of classical statistical techniques of estimation, hypothesis testing, and regression to economic models. Includes laboratory section in Social Science Instructional Laboratory.
Prereq: MATH 242, 243.

EC327. Introduction to Game Theory. 4 Credits.
Introductory course in game theory. Develops game-theoretic methods of rational decision making and equilibriums, using many in-class active games. Ellis.
Prereq: one from EC 101, 201.

EC330. Urban and Regional Economic Problems. 4 Credits.
Topics may include urban and metropolitan growth, land use, race and poverty, education systems, slums and urban renewal, transportation, crime, and pollution and environmental quality.
Prereq: EC 201.

EC333. Resource and Environmental Economic Issues. 4 Credits.
Economic analysis of replenishable and nonreplenishable natural resources; environmental issues and policies.
Prereq: EC 201.

EC340. Issues in Public Economics. 4 Credits.
Principles and problems of government financing. Expenditures, revenues, debt, and financial administration. Production by government versus production by the private sector. Tax measures to control externalities.
Prereq: EC 201.

EC350. Labor Market Issues. 4 Credits.
Topics may include the changing structure of employment, the minimum wage, the dual labor market hypothesis, collective bargaining, discrimination, and health and safety regulation.
Prereq: EC 201.

EC360. Issues in Industrial Organization. 4 Credits.
Topics may include analysis of market power, trends in industrial structure, the role of advertising, pricing policies and inflation, impact of social regulation (e.g., OSHA, EPA), and international comparisons.
Prereq: EC 201.

EC370. Money and Banking. 4 Credits.
Operations of commercial banks, the Federal Reserve System, and the Treasury that affect the United States monetary system.
Prereq: EC 202.

EC380. International Economic Issues. 4 Credits.
Exchange across international boundaries, theory of comparative advantage, balance of payments and adjustments, international financial movements, exchange rates and international financial institutions, trade restrictions and policy.
Prereq: EC 201.

EC390. Problems and Issues in the Developing Economies. 4 Credits.
Topics may include the role of central planning, capital formation, population growth, agriculture, health and education, interaction between economic and cultural change, and the "North-South debate."
Prereq: EC 201.

EC399. Special Studies: [Topic]. 1-5 Credits.
Repeatable.

EC401. Research: [Topic]. 1-21 Credits.
Repeatable.

EC404. Internship. 1-4 Credits.
Repeatable for maximum of 4 credits.

EC405. Reading and Conference: [Topic]. 1-21 Credits.
Repeatable.

EC407. Seminar: [Topic]. 1-5 Credits.
Repeatable. Yearly offerings vary depending on interests and needs of students and on availability of faculty members.

EC408. Workshop: [Topic]. 1-21 Credits.
Repeatable.

EC410. Experimental Course: [Topic]. 1-5 Credits.
Repeatable.
EC 311; EC 313; one from EC 320, EC 423.

EC411. Advanced Microeconomic Theory. 4 Credits.
Advanced theory of consumer and firm behavior, market structures.
Prereq: one from MATH 253, MATH 263.

EC413. Advanced Macroeconomic Theory. 4 Credits.
Advanced theory about the determination of aggregate income, employment, unemployment; evaluation of macroeconomic policies.
Prereq: one from MATH 253, MATH 263.

EC418. Economic Analysis of Community Issues I. 2 Credits.
Hands-on experience applying economic analysis and econometrics to problems that face local community nonprofits and government agencies.
Prereq: EC 311, EC 313; one from EC 320, EC 423.

EC419. Economic Analysis of Community Issues II. 4 Credits.
Hands-on experience applying economic analysis and econometrics to problems that face local community nonprofits and government agencies.
Prereq: EC 311,320.

EC421. Introduction to Econometrics. 4 Credits.
Application of classical statistical techniques of estimation, hypothesis testing, and regression to economic models. Includes two-hour laboratory section in Social Science Instructional Laboratory.
Prereq: one from EC 320, EC 423.

EC422. Economic Forecasting. 4 Credits.
Basic techniques of economic forecasting that are typically used in a business environment.
Prereq: one from EC 320, EC 423; coreq: one from EC 421, EC 424.

EC423. Econometrics. 4 Credits.
Introductory topics in probability theory and statistical inference; regression problems of autocorrelation, heteroskedasticity, multicollinearity, and lagged dependent variables; special single-equation estimating techniques; the identification problem in a simultaneous equation setting; development of simultaneous equation estimating procedures.
Prereq: MATH 281, 341; MATH 282 and 461 strongly recommended.

EC424. Econometrics. 4 Credits.
Introductory topics in probability theory and statistical inference; regression problems of autocorrelation, heteroskedasticity, multicollinearity, and lagged dependent variables; special single-equation estimating techniques; the identification problem in a simultaneous equation setting; development of simultaneous equation estimating procedures.
Prereq: one from EC 423, EC 523.

EC425. Econometrics. 4 Credits.
Introductory topics in probability theory and statistical inference; regression problems of autocorrelation, heteroskedasticity, multicollinearity, and lagged dependent variables; special single-equation estimating techniques; the identification problem in a simultaneous equation setting; development of simultaneous equation estimating procedures.
Prereq: one from EC 424, EC 524.

EC427. Games and Decisions. 4 Credits.
Game-theoretic methods of decision-making. Topics may include extensive-form games, noncredible threats, subgame perfect equilibrium, strategic-form games, undominated strategies, Nash equilibrium, coalitional games, and the core.
Prereq: EC 311; one from EC 320, EC 423.

EC428. Behavioral and Experimental Economics. 4 Credits.
Investigates the "rational choice" model and behavioral alternatives, using laboratory experiments. Topics may include altruism, auctions, bargaining, behavioral finance, hyperbolic discounting, and decision-making under uncertainty.
Prereq: EC 311; one from EC 320, EC 423.

EC430. Urban and Regional Economics. 4 Credits.
Location theory; urbanization and metropolitan growth; regional analysis; intraurban rent, location and land use, size distribution of urban areas; welfare economics, political economy, and urban problems.
Prereq: EC 311; one from EC 320, EC 423.

EC432. Economy of the Pacific Northwest. 4 Credits.
Locational factors influencing development of the region's major industries; recent changes in income and population; problems and governmental policies in the areas of taxation, environment, and planning.
Prereq: EC 311; one from EC 320, EC 423.

EC434. Environmental Economics. 4 Credits.
Introduction to the field that includes theoretical environmental policy, issues in environmental regulation, and empirical techniques used by practitioners.
Prereq: EC 311; one from EC 320, EC 423.

EC435. Natural Resource Economics. 4 Credits.
Applications of economic theory and empirical methods to natural resources problems: ecosystems and renewable resources (land, water, fisheries, forests); exhaustible resources (energy, minerals).
Prereq: EC 311, EC 320.

EC440. Public Economics. 4 Credits.
Theory of public goods and their optimal provision. Collective choice versus private choice and implications for resource allocation and efficiency.
Prereq: EC 311; one from EC 320, EC 423.

EC441. Public Economics: Taxation. 4 Credits.
Theory of taxation, analysis of tax policy, and theory of government debt and budget deficits.
Prereq: EC 311; one from EC 320, EC 423.

EC443. Health Economics. 4 Credits.
Includes moral hazard and adverse selection; incentives faced by health care providers through reimbursement, managed care, and malpractice; rationale for government intervention in the health care sector.
Prereq: EC 311; one from EC 320, EC 423.

EC450. Labor Economics. 4 Credits.
Supply and demand for labor, wage determination under various market structures, minimum wage and worker exploitation, human capital investments, labor market signaling and sorting, discrimination, uncertainty, and job matching.
Prereq: EC 311; one from EC 320, EC 423.

EC451. Issues in Labor Economics. 4 Credits.
Topics may include the determination of wages, employment, and unemployment; globalization and immigration; income inequality; internal labor markets; the role of unions; human capital, education, and schools.
Prereq: EC 311; one from EC 320, EC 423.

EC460. Theories of Industrial Organization. 4 Credits.
Theories, quantitative measures, and institutional descriptions of the structure, conduct, and results that characterize American industry. Emphasis is on the determinants and consequences of market power.
Prereq: EC 311; one from EC 320, EC 423.

EC461. Industrial Organization and Public Policy. 4 Credits.
Major policy instruments that have been developed to cope with social problems created by market power. The two principal instruments are antitrust and income policies.
Prereq: EC 311; one from EC 320, EC 423.

EC462. Economics of Transportation. 4 Credits.
Examines economic transportation issues and models, including regulation, demand-cost modeling, productivity analysis, random utility and choice modeling, and spatial economics.
Prereq: EC 311; one from EC 320, EC 423.

EC470. Monetary Policy. 4 Credits.
Federal Reserve System strategies and methods of monetary and credit control. Effects of federal policies on prices, output, and employment.
Prereq: EC 313; one from EC 320, EC 423.

EC471. Monetary Theory. 4 Credits.
Money creation, deficit finance, and taxation in monetary economies. Topics may include the government budget constraint, causes and consequences of inflation, Richardian equivalence, and seigniorage.
Prereq: EC 311, 313; one from EC 320, EC 423.

EC480. International Finance. 4 Credits.
Foreign exchange markets, interaction between spot and forward markets, speculation and interest arbitrage, balance-of-payments accounting, measures of deficits and surpluses, "open-economy" macroeconomic issues.
Prereq: EC 311, 313; one from EC 320, EC 423.

EC481. International Trade. 4 Credits.
Theories of international trade, direction of trade flows, determination of prices and volumes in international trade, tariffs, quotas, customs unions, free versus restricted trade.
Prereq: EC 311; one from EC 320, EC 423.

EC484. Multinational Corporations. 4 Credits.
Economist's perspective of multinational corporations. Explores the policies governments use to influence corporate behavior and patterns of investment; taxation as a tool for implementing public policy.
Prereq: EC 311; one from EC 320, EC 423.

EC490. Economic Growth and Development. 4 Credits.
Experience of developed countries and theories of development. Analysis of specific development programs, role of agriculture, sources of investment, techniques and strategies of investment planning.
Prereq: EC 311, 313; one from EC 320, EC 423.

EC491. Issues in Economic Growth and Development. 4 Credits.
Economic issues in developing countries, including use of central planning or markets, capital formation, agriculture, population growth, health and education systems, and the "North-South debate."
Prereq: EC 311, 313; one from EC 320, EC 423.

EC493. The Evolution of Economic Ideas. 4 Credits.
Economic thought from the ancient world to the 20th century. Major schools of economic thought and their relationship to other social ideas of their times.
Prereq: EC 311, 313; one from EC 320, EC 423.

EC503. Thesis. 1-16 Credits.
Repeatable.

EC507. Seminar: [Topic]. 1-5 Credits.
Repeatable. Yearly offerings vary depending on interests and needs of students and on availability of faculty members.

EC508. Workshop: [Topic]. 1-21 Credits.
Repeatable.

EC510. Experimental Course: [Topic]. 1-5 Credits.
Repeatable.

EC511. Advanced Microeconomic Theory. 4 Credits.
Advanced theory of consumer and firm behavior, market structures.

EC513. Advanced Macroeconomic Theory. 4 Credits.
Advanced theory about the determination of aggregate income, employment, unemployment; evaluation of macroeconomic policies.

EC522. Economic Forecasting. 4 Credits.
Basic techniques of economic forecasting that are typically used in a business environment.

EC523. Econometrics. 4 Credits.
Introductory topics in probability theory and statistical inference; regression problems of autocorrelation, heteroskedasticity, multicollinearity, and lagged dependent variables; special single-equation estimating techniques; the identification problem in a simultaneous equation setting; development of simultaneous equation estimating procedures.
Prereq: MATH 281, 341; MATH 282 and 461 strongly recommended.

EC524. Econometrics. 4 Credits.
Introductory topics in probability theory and statistical inference; regression problems of autocorrelation, heteroskedasticity, multicollinearity, and lagged dependent variables; special single-equation estimating techniques; the identification problem in a simultaneous equation setting; development of simultaneous equation estimating procedures.
Prereq: EC 423/523.

EC525. Econometrics. 4 Credits.
Introductory topics in probability theory and statistical inference; regression problems of autocorrelation, heteroskedasticity, multicollinearity, and lagged dependent variables; special single-equation estimating techniques; the identification problem in a simultaneous equation setting; development of simultaneous equation estimating procedures.
Prereq: EC 424/524.

EC527. Games and Decisions. 4 Credits.
Game-theoretic methods of decision-making. Topics may include extensive-form games, noncredible threats, subgame perfect equilibrium, strategic-form games, undominated strategies, Nash equilibrium, coalitional games, and the core.

EC528. Behavioral and Experimental Economics. 4 Credits.
Investigates the "rational choice" model and behavioral alternatives, using laboratory experiments. Topics may include altruism, auctions, bargaining, behavioral finance, hyperbolic discounting, and decision-making under uncertainty.

EC530. Urban and Regional Economics. 4 Credits.
Location theory; urbanization and metropolitan growth; regional analysis; intraurban rent, location and land use, size distribution of urban areas; welfare economics, political economy, and urban problems.

EC532. Economy of the Pacific Northwest. 4 Credits.
Locational factors influencing development of the region's major industries; recent changes in income and population; problems and governmental policies in the areas of taxation, environment, and planning.

EC534. Environmental Economics. 4 Credits.
Introduction to the field that includes theoretical environmental policy, issues in environmental regulation, and empirical techniques used by practitioners.

EC535. Natural Resource Economics. 4 Credits.
Applications of economic theory and empirical methods to natural resources problems: ecosystems and renewable resources (land, water, fisheries, forests); exhaustible resources (energy, minerals).

EC540. Public Economics. 4 Credits.
Theory of public goods and their optimal provision. Collective choice versus private choice and implications for resource allocation and efficiency.
Prereq: EC 311.

EC541. Public Economics: Taxation. 4 Credits.
Theory of taxation, analysis of tax policy, and theory of government debt and budget deficits.

EC543. Health Economics. 4 Credits.
Includes moral hazard and adverse selection; incentives faced by health-care providers through reimbursement, managed care, and malpractice; rationale for government intervention in the health-care sector.

EC550. Labor Economics. 4 Credits.
Supply and demand for labor, wage determination under various market structures, minimum wage and worker exploitation, human capital investments, labor market signaling and sorting, discrimination, uncertainty, and job matching.

EC551. Issues in Labor Economics. 4 Credits.
Topics may include the determination of wages, employment, and unemployment; globalization and immigration; income inequality; internal labor markets; the role of unions; human capital, education, and schools.

EC560. Theories of Industrial Organization. 4 Credits.
Theories, quantitative measures, and institutional descriptions of the structure, conduct, and results that characterize American industry. Emphasis is on the determinants and consequences of market power.

EC561. Industrial Organization and Public Policy. 4 Credits.
Major policy instruments that have been developed to cope with social problems created by market power. The two principal instruments are antitrust and income policies.

EC562. Economics of Transportation. 4 Credits.
Examines economic transportation issues and models, including regulation, demand-cost modeling, productivity analysis, random utility and choice modeling, and spatial economics.

EC570. Monetary Policy. 4 Credits.
Federal Reserve System strategies and methods of monetary and credit control. Effects of federal policies on prices, output, and employment.

EC571. Monetary Theory. 4 Credits.
Money creation, deficit finance, and taxation in monetary economies. Topics may include the government budget constraint, causes and consequences of inflation, Richardian equivalence, and seigniorage.

EC580. International Finance. 4 Credits.
Foreign exchange markets, interaction between spot and forward markets, speculation and interest arbitrage, balance-of-payments accounting, measures of deficits and surpluses, "open-economy" macroeconomic issues.

EC581. International Trade. 4 Credits.
Theories of international trade, direction of trade flows, determination of prices and volumes in international trade, tariffs, quotas, customs unions, free versus restricted trade.

EC584. Multinational Corporations. 4 Credits.
Economist's perspective of multinational corporations. Explores the policies governments use to influence corporate behavior and patterns of investment; taxation as a tool for implementing public policy.

EC590. Economic Growth and Development. 4 Credits.
Experience of developed countries and theories of development. Analysis of specific development programs, role of agriculture, sources of investment, techniques and strategies of investment planning.

EC591. Issues in Economic Growth and Development. 4 Credits.
Economic issues in developing countries, including use of central planning or markets, capital formation, agriculture, population growth, health and education systems, and the "North-South debate."

EC593. The Evolution of Economic Ideas. 4 Credits.
Economic thought from the ancient world to the 20th century. Major schools of economic thought and their relationship to other social ideas of their times.

EC601. Research: [Topic]. 1-16 Credits.
Repeatable.

EC602. Supervised College Teaching. 1-5 Credits.
Repeatable.

EC603. Dissertation. 1-16 Credits.
Repeatable.

EC605. Reading and Conference: [Topic]. 1-16 Credits.
Repeatable.

EC607. Seminar: [Topic]. 1-5 Credits.
Repeatable. Recent topics are Econometrics, Game Theory, Labor Economics, and Public Finance.

EC608. Workshop: [Topic]. 1-16 Credits.
Repeatable.

EC609. Practicum: [Topic]. 1-16 Credits.
Repeatable. Graduate teaching fellows may earn 3 credits a term; available to other graduate students with department head's consent.

English

David J. Vazquez, Department Head
541-346-3911
541-346-1509 fax
118 Prince Lucien Campbell Hall
1286 University of Oregon
Eugene, Oregon 97403-1286

With nearly fifty full-time faculty members, the Department of English offers students a broad foundation in traditional British, American, and Anglophone literary studies, as well as intensive course work in interdisciplinary studies, emerging media, and current critical methodologies. Its lower-division courses provide training in writing and introduce the student to literature as a humanistic discipline. Its upper-division courses emphasize the humanistic values that emerge from studying literature and allied disciplines analytically and in depth.

Careers

The study of English opens doors to many careers. All fields of endeavor place high value on the ability to read intelligently and to write clearly. The English major may lead most directly to careers in education, journalism, or communications; it is also highly regarded as undergraduate training for law, government, social work, community service, and business. Indeed, the ability to handle the language with clarity and cogency is the skill most frequently cited by business professionals as desirable. A major in English, with judiciously selected electives, prepares students not only to find that essential first job but also to possess the breadth of outlook and depth of perspective that become increasingly important in subsequent phases of their careers. A student preparing for graduate study in English should construct an appropriate course of undergraduate study in consultation with a faculty advisor.

Expository Writing

The English department offers required and elective courses in expository writing for all university students to help them improve their ability to write clearly and effectively. Students must fulfill the university writing requirement of two composition courses or be cleared according to established waiver and exemption policies. The requirement is College Composition I (WR121) and either College Composition II (WR122) or College Composition III (WR123), or their approved equivalents. Students should complete the writing requirement—with course work, by exemption, or by waiver examination—early in their studies.

Exemptions

A score of 710 and better on the College Board (CB) recentered SAT I waives the first-term writing course. No credit is given for this waiver. A test score of 650 on the SATI-Verbal examination taken before recentering (April 1995) also waives College Composition I (WR121). A student with a CB score of 3, 4, or 5 on the Advanced Placement (AP) English Language and Composition examination receives credit for College Composition I (WR121). For students who take the American College Test (ACT), a score of 32 waives College Composition I (WR121). No credit is given for this waiver.

Waiver Examinations

Waiver examinations for College Composition I (WR121) and College Composition II (WR122) are offered during the first week of classes, fall through spring terms, at the UO Testing Office, 238 University Health and Counseling Center Building; call 541-346-3230. Visit the Testing Office website to sign up for an examination: testing.uoregon.edu/PlacementTesting/WritingPlacement/WritingWaiverExam/tabid/79/Default.aspx. No credit is awarded for waiver examinations, and students may not take waiver examinations for both courses in the same term. The essay exams are graded pass/no pass by three members of the Department of English composition committee. Students who do not pass may not retake the examination and should register for the appropriate writing course as soon as possible. Students who pass the exam have an "exemption by exam" notation for either College Composition I (WR121) or College Composition II (WR122) placed on their degree audit. Waiver exams are not returned to students, nor are they used as a teaching device. Additional help and special tutoring are available to students through the University Teaching and Learning Center.

Placement

Students for whom English is the native language are placed in their first writing course based on their SAT or ACT verbal scores. Students whose scores fall below an SAT score of 480 and an ACT score of 19 are eligible for concurrent enrollment in Writing Tutorial (WR195) with College Composition I (WR121).

Nonnative Speakers

Students for whom English is not the native or primary language are placed in their first writing course on the basis of a placement test. These may include Introductory Academic Writing (AEIS110), Intermediate Academic Writing (AEIS111), and Advanced Academic Writing (AEIS112) (taught in the Department of Linguistics). Placement tests are administered before registration. Nonnative speakers should inquire at the American English Institute, 107 Pacific Hall, for placement test dates.

Transfer Students

Transfer students in doubt about the equivalency of courses taken elsewhere should bring transcripts and catalog descriptions to the composition office, Department of English, for evaluation.

Faculty

Michael G. Aronson, associate professor (film studies). BA, 1994, Pennsylvania; MA, 1997, PhD, 2002, Pittsburgh. (2003)

Martha J. Bayless, professor (medieval literature). BA, 1980, Bryn Mawr; MA, 1984, PhD, 1990, Cambridge. (1989)

Carolyn Bergquist, senior lecturer (Renaissance literature; rhetoric and composition); director, Composition Program. BA, 1994, California State, Stanislaus; MA, 1996, PhD, 2003, Oregon. (2003)

Elizabeth A. Bohls, professor (18th-century literature). BA, 1979, Mount Holyoke College; PhD, 1989, Stanford. (1998)

Tina Boscha, senior instructor (composition). BA, 1995, Calvin College; MFA, 2003, Oregon. (2003)

Lara Bovilsky, associate professor (Renaissance literature and culture; graduate professionalism). BA, 1995, Brown; MA, 1998, PhD, 2001, Duke. (2008)

Sarah “Pearl” Brilmyer, assistant professor (Victorian literature, queer and gender studies, literary theory). BA, 2006, Scranton; MA, 2008, PhD, 2014, Texas, Austin. (2014)

Kirby Brown, assistant professor (Native and ethnic American literatures). BA, 1997, Texas, Austin; MA, 2005, Texas, San Antonio. (2011)

Stephanie Clark, assistant professor (medieval literature). BA, 2002, Texas, Dallas; MA, 2004, PhD, 2011, Illinois, Urbana-Champaign. (2011)

Michael Copperman, senior instructor (composition). BA, 2002, Stanford; MFA, 2006, Oregon. (2006)

James R. Crosswhite, professor (rhetoric, writing, critical theory). BA, 1975, California, Santa Cruz; MA, 1979, PhD, 1987, California, San Diego. (1989)

Dianne M. Dugaw, professor (17th- and 18th-century literature, British and American folklore). BA, 1971, Portland; MA, 1976, PhD, 1982, California, Los Angeles. (1990)

Tara S. Fickle, assistant professor (Asian American literature, multiethnic literature). BA, 2006, Wesleyan; MA, 2010, PhD 2014, California. Los Angeles. (2014)

Karen J. Ford, professor (poetry and poetics, modern poetry, American literature). BA, 1978, California State, Sacramento; MA, 1981, California, Davis; PhD, 1989, Illinois, Urbana-Champaign. (1992)

Lisa Freinkel, associate professor (Renaissance literature, contemplative studies). BA, 1987, Harvard; MA, 1989, PhD, 1993, California, Berkeley. (1995)

John T. Gage, professor (rhetoric, writing, modern poetry). BA, 1969, MA, 1971, PhD, 1976, California, Berkeley. (1980)

Miriam Gershow, senior instructor (composition); associate director, composition. BS, 1992, Michigan, Ann Arbor; MFA, 2002, Oregon. (2004)

Lisa M. Gilman, associate professor (folklore). BA, 1993, Oregon; MA, 1996, PhD, 2001, Indiana. (2005)

Warren Ginsberg, College of Arts and Sciences Distinguished Professor; Philip H. Knight Professor (medieval literature). MA, 1971, State University of New York, Stony Brook; PhD, 1975, Yale. (2000)

Sangita Gopal, associate professor (postcolonial literature and film). BA, 1990, Calcutta; MA, 1995, PhD, 2000, Rochester. (2004)

Kathleen Horton, senior instructor (Renaissance, composition). BA, 1989, Saint Martin's; MA, 1991, PhD, 1995, Oregon. (2005)

Heidi N. Kaufman, associate professor (19th-century British literature); associate department head. BA, 1991, Drew; MA, 1994, Boston; PhD, 2011, New Hampshire. (2013)

C. Anne Laskaya, associate professor (medieval literature, women writers, rhetoric). BA, 1976, Lawrence; BMus, Lawrence Conservatory of Music; MA, 1978, PhD, 1989, Rochester. (1983)

Stephanie LeMenager, Barbara and CarlisleMoore Distinguished Professor in English and American Literature (environmental literature). BA, 1991, Stanford; MA, 1994, PhD, 1999, Harvard. (2013)

David Leiwei Li, President’s Distinguished Professor in the Humanities (Asian American literature and culture). BA, 1982, Shanghai Foreign Languages Institute; MA, 1986, Indiana University of Pennsylvania; PhD, 1991, Texas, Austin. (1999)

Sharon Luk, assistant professor (Asian American literature). BA, 2001, Brown; MA, 2008, PhD, 2012, Southern California. (2014)

Quinn Miller, assistant professor (film and media studies). BA, 2003, Chicago; MA, 2005, PhD, 2010, Northwestern. (2012)

Kathleen O’Fallon, senior instructor (Victorian literature, early 20th-century literature, film); assistant department head. BS, 1972, MS, 1980, Kansas State; MA, 1984, PhD, 1998, Oregon. (1999)

Priscilla P. Ovalle, associate professor (film, Latino cinema). BS, 1998, Emerson College; MA, 2001, California, Los Angeles; PhD, 2006, Southern California. (2006)

Paul W. Peppis, professor (modern British literature); director, Oregon Humanities Center. BA, 1984, Williams; MA, 1987, PhD, 1993, Chicago. (1995)

Forest Pyle, professor (romanticism, literary theory). BA, 1980, MA, 1983, PhD, 1988, Texas, Austin. (1988)

Mark Quigley, associate professor (Irish literature, 20th-century literature). BA, 1992, Stanford; MA, 1997, PhD, 2003, California, Los Angeles. (2006)

William Rossi, professor (19th-century American literature); director of undergraduate studies. BA, 1972, MA, 1979, Missouri; PhD, 1986, Minnesota. (1989)

George Rowe, professor (Renaissance literature); editor, Comparative Literature. BA, 1969, Brandeis; MA, 1971, PhD, 1973, Johns Hopkins. (1985)

Benjamin D. Saunders, professor (Renaissance literature, comics studies). BA, 1991, East Anglia; MPhil, 1992, Cambridge; PhD, 2000, Duke. (2000)

Gordon M. Sayre, professor (early American literature, 18th-century literature, folklore). BA, 1988, Brown; PhD, 1993, State University of New York, Buffalo. (1993)

Steven Shankman, College of Arts and Sciences Distinguished Professor; UNESCO Chair in Transcultural Studies, Interreligious Dialogue, and Peace (18th-century literature, the classical tradition, comparative literature). BA, 1969, Texas, Austin; BA, 1971, MA, 1976, Cambridge; PhD, 1977, Stanford. (1984)

Courtney Thorsson, associate professor (African American literature, 19th- and 20th-century American literature, food studies). BA, 2000, Virginia; MA, 2004, MPhil, 2006, PhD, 2009, Columbia. (2009)

Corbett Upton, instructor (Central American poetry); associate director, undergraduate studies. BA, 2001, Arizona State; MA, 2006, PhD, 2010, Oregon. (2010)

David J. Vazquez, associate professor (Latino literature, 20th-century literature, ethnic studies). BA, 1988, South Florida; MA, 1998, PhD, 2004, California, Santa Barbara. (2003)

Mark Whalan,Robert D. and Eve D. Horn Chair in English and American Literature; professor (modern and 20th-century literature). BA, 1995, Warwick; MA, 1996, Durham; PhD, 2002, Exeter. (2011)

Elizabeth A. Wheeler, associate professor (post-1945 literature, cultural studies, disability studies). BA, 1982, Bowdoin; MA, 1988, City University of New York; PhD, 1996, California, Berkeley. (1996)

John C. Witte, senior instructor (poetry). BA, 1971, Colby; MFA, 1977, Oregon. (1979)

Daniel N. Wojcik, professor (folklore, popular culture). BA, 1978, California, Santa Barbara; MA, 1986, PhD, 1992, California, Los Angeles. (1991)

Henry B. Wonham, professor (19th- and 20th-century American literature). BA, 1983, Princeton; PhD, 1991, Virginia. (1995)

Mary E. Wood, professor (19th-century American literature, gender studies). BA, 1978, Yale; MA, 1980, PhD, 1987, Stanford. (1987)

Emeriti

James L. Boren, professor emeritus. BA, 1965, San Francisco State; MA, 1967, PhD, 1970, Iowa. (1970)

William Cadbury, professor emeritus. BA, 1956, Harvard; MS, 1957, PhD, 1961, Wisconsin, Madison. (1961)

Suzanne Clark, professor emerita. BA, 1961, MA, 1965, Oregon; PhD, 1980, California, Irvine. (1990)

Edwin L. Coleman II, professor emeritus. BA, 1961, MA, 1962, San Francisco State; PhD, 1971, Oregon. (1971)

James W. Earl, professor emeritus. BA, 1967, Bucknell; PhD, 1971, Cornell. (1987)

Marilyn Farwell, professor emerita. BA, 1963, MacMurray; MA, 1966, PhD, 1971, Illinois. (1971)

Thelma Greenfield, professor emerita. BA, 1944, MA, 1947, Oregon; PhD, 1952, Wisconsin, Madison. (1963)

Robert Grudin, professor emeritus. BA, 1960, Harvard; MA, 1963, PhD, 1969, California, Berkeley. (1971)

Joseph A. Hynes Jr., professor emeritus. AB, 1951, Detroit; AM, 1952, PhD, 1961, Michigan. (1957)

Ruth F. Jackson, senior instructor emerita. BA, 1929, MA, 1933, Oregon. (1955)

Kathleen Rowe Karlyn, professor emerita. BA, 1969, Connecticut; MLA, 1973, Johns Hopkins; PhD, 1992, Oregon. (1994)

Linda Kintz, professor emerita. BA, 1967, Texas Tech; MA, 1969, Southern Methodist; PhD, 1982, Oregon. (1988)

Julia Lesage, professor emerita. MA, 1962, PhD, 1972, Indiana. (1988)

Glen A. Love, professor emeritus. BA, 1954, MA, 1959, PhD, 1964, Washington (Seattle). (1965)

William Rockett, associate professor emeritus. BA, 1961, MA, 1963, Oklahoma; PhD, 1969, Wisconsin, Madison. (1966)

Ralph J. Salisbury, professor emeritus. BA, 1949, MFA, 1951, Iowa. (1961)

Sharon R. Sherman, professor emerita. PhB, 1965, Wayne State; MA, 1971, California, Los Angeles; PhD, 1978, Indiana. (1976)

Richard L. Stein, professor emeritus. BA, 1965, Amherst; AM, 1966, PhD, 1970, California, Berkeley. (1976)

Richard C. Stevenson, professor emeritus. AB, 1961, AM, 1963, PhD, 1969, Harvard. (1968)

Nathaniel Teich, professor emeritus. BS, 1960, Carnegie-Mellon; MA, 1962, Columbia; PhD, 1970, California, Riverside. (1969)

Louise Westling, professor emerita. BA, 1964, Randolph-Macon Woman's; MA, 1965, Iowa; PhD, 1974, Oregon. (1985)

George Wickes, professor emeritus. BA, 1944, Toronto; MA, 1949, Columbia; PhD, 1954, California, Berkeley. (1970)

The date in parentheses at the end of each entry is the first year on the University of Oregon faculty.

Participating

David A. Frank, honors college

Michael Hames-García, ethnic studies

Lee Rumbarger, Teaching and Learning Center

- **Bachelor of Arts**
- **Minor in English**
- **Minor in Comics and Cartoon Studies**
- **Minor in Writing, Public Speaking, and Critical Reasoning**

Undergraduate Studies

The Department of English expects its majors to acquire knowledge of English and American literature. In addition, it expects them to gain a sense of history and a reading knowledge of at least one second language. Majors should construct their programs in consultation with an

advisor. The major requirements for the degree of bachelor of arts (BA) in the Department of English are listed below.

Course work required for the English major, both lower division and upper division, must be passed with grades of mid-C or better. Majors must complete the university second-language requirement for the BA degree. At least 28 of the required 36 upper-division credits must be taken at the University of Oregon.

Bachelor of Arts Degree Requirements

Lower-Division Courses		24
ENG220–222	Introduction to the English Major	12
ENG207	Shakespeare	4
orENG208	Shakespeare	
Two lower-division elective courses [1]		
Upper-Division Courses		36
English literature course, pre-1500		
Two literature courses, 1500 to 1789		
Two literature courses, 1789 to the present		
Literary theory or criticism course [2]		
Folklore, ethnic literature, or women's literature course		
Additional upper-division course work in literature or writing or a combination of both [3]		
Total Credits		**60**

1. Excluding Introduction to Literature: Fiction (ENG104),Introduction to Literature: Drama (ENG105),Introduction to Literature: Poetry (ENG106), and courses with a WR subject code.
2. Not limited to Introduction to Literary Criticism (ENG300).
3. No more than 8 credits ofResearch: [Topic] (ENG401),Thesis (ENG403),Reading and Conference: [Topic] (ENG405), Independent Writing Projects (WR408), or Writing and Conference: [Topic] (CRWR405). Upper-division CRWR courses may also be used to fulfill this requirement.

Honors Program in English

The program provides qualified undergraduate majors with special options for fulfilling departmental requirements. Honors students interested in the intensive study of literature in small discussion seminars independently explore a special topic of their own choosing, under the guidance of a faculty member. Typically, students spend a major portion of the senior year writing their honors thesis.

Requirements

1. Completion of all English department requirements
2. Minimum of two terms of Seminar: [Topic] (ENG407) (Capstone).
3. Two terms of Thesis (ENG403), a directed program of study or creative writing under the guidance of an appropriate advisor.
4. Senior thesis—either a critical essay of thirty-five to fifty pages or a substantial piece of creative writing. The thesis must by approved by the advisor and a second reader (typically both faculty members in English) after an oral defense.

Admission and Supervision

Applicants must have a cumulative GPA of 3.70 in their English courses and completed at least two upper-division English courses and, if possible, all lower-division major requirements, including Introduction to the English Major (ENG220), Introduction to the English Major (ENG221), Introduction to the English Major (ENG222). Admission is based on the applicant's academic record, a brief description of the applicant's proposed project, and the recommendation of two faculty members in the department.

Beginning with the 2014–15 academic year, Clark Honors College English majors who have been accepted into the English honors program and who complete the requirements for both the Clark Honors College thesis and the English honors program may submit an English honors thesis, awarded a pass or pass with distinction, to fulfill the thesis requirement for both English department honors and the Clark Honors College thesis. Failing theses cannot earn English department honors or be used to satisfy the Clark Honors College thesis.

To apply for admission to the honors program, contact Paul Peppis, the program director and associate department head.

Minor in English

The English minor requires 24 credits of approved course work selected from the documents titled *University of Oregon English Major Requirements* and *Advising Supplement*, which are updated each year. Both documents are available in the English department office. Only courses with the ENG subject code and writing courses numbered WR320, WR321, or WR423 may be used for the minor. Introduction to Literature (ENG104, ENG105, ENG106) and transfer equivalents may not be used to satisfy minor requirements. A maximum of 8 credits may be taken in lower-division courses, and all upper-division courses must be taken in residence at the University of Oregon. Course work must be taken for letter grades and passed with grades of mid-C or better.

Minor in Comics and Cartoon Studies

This interdisciplinary minor in comics and cartoon studies presents students with an international, historical, and critical perspective on the art of comics, from editorial cartoons to comic books to graphic novels. In taking courses for this minor, students will be required to think beyond accustomed disciplinary boundaries and to analyze and experiment with the interaction of visual and linguistic systems of meaning.

To qualify for the minor, students must take 24 credits of approved courses, including one required course, Introduction to Introduction to Comic Studies (ENG280). The remaining courses may be selected from the range of comics-related courses offered through the Departments of Art, Comparative Literature, East Asian Languages and Literatures, English, Ethnic Studies, History of Art and Architecture, and Romance Languages, the Arts and Administration Program, andthe School of Journalism and Communication. For details regarding these courses, students should consult the list of offerings available in the Department of English office or online at comics.uoregon.edu.

No more than 12 credits may be taken in lower-division courses, and course work must be passed with grades of mid-C or better.

Minor in Writing, Public Speaking, and Critical Reasoning

The minor in writing, public speaking, and critical reasoning prepares undergraduates for active and effective participation in the complex, diverse, and ever-changing communicative situations they will face after graduation.

Select two courses in writing from the following: [1]		8
WR123	College Composition III	
WR320	Scientific and Technical Writing	
WR321	Business Communications	
ENG413	Theories of Literacy	
ENG420	The Art of the Sentence	
WR423	Advanced Composition	
Select two courses in rhetoric from the following (at least one of which must be ENG200 or ENG330): [1]		8
ENG200	Public Speaking as a Liberal Art [2]	
orENG330	Oral Controversy and Advocacy	
ENG491	Rhetoric and Ethics	
ENG492	History of Rhetoric and Composition	
ENG493	Modern Rhetorical Criticism	
Select two courses in reasoning from the following: [1]		8
PHIL103	Critical Reasoning	
PHIL325	Logic, Inquiry, and Argumentation	
ENG335	Inventing Arguments	
Total Credits		**24**

1 Reasoning, Speaking, Writing (ENG494),Internship: [Topic] (ENG404) or Independent Writing Project (WR198) may be taken to satisfy one course requirement.

2 If not already taken.

Kindergarten through Secondary Teaching Careers

Students who complete a degree in English are eligible to apply to the College of Education's fifth-year licensure program in middle-secondary teaching or the fifth-year licensure program in elementary teaching. More information is available from the department's education advisors, Elizabeth Wheeler and Mary Wood; see also the College of Education (p. 526) section of this catalog.

- **Master of Arts**
- **Doctor of Philosophy**

Graduate Studies

The Department of English offers graduate study in English and American literature, film studies, folklore, critical theory, rhetoric and composition, and cultural studies. It offers the master of arts (MA) and doctor of philosophy (PhD) degrees in English. Detailed descriptions of these programs and instructions about how to apply to the English graduate program are available on the department's website.

Master of Arts Degree

The Department of English offers an MA for students who want to study beyond the BA but who do not plan to complete a PhD. Students whose goal is a doctorate should apply for admission to the department's doctoral program (described below). Students who complete the MA program at the University of Oregon and want to enter the PhD program must reapply to the department for admission into that program.

The number of seats in the MA program is limited, and admission is competitive.

Admission Requirements

1. An undergraduate grade point average (GPA) of at least 3.50 or, if the student has 12 or more credits of graduate work in English, a graduate GPA of 3.50 or better
2. The submission of scoreson the verbal and analytical writing sections of the general test of the Graduate Record Examinations (GRE).
3. For nonnative speakers: a minimum score of 600 on the paper-based Test of English as a Foreign Language (TOEFL) or a minimum score of 100 on the Internet-based test

Admission Procedures

Information on applying to the graduate program may be obtained from the department website or from the department office. Application materials are submitted electronically at https://gradweb.uoregon.edu/online_app/application/guidelines2.htm. The following information is part of the application process and must be submitted electronically:

- Degree transcripts (unofficial copies are acceptable)
- Contact information (names, e-mail addresses) for three people willing to write letters of recommendation
- A personal statement (500-word maximum) of background and objectives in pursuing the course of study
- A writing sample that demonstrates the applicant's ability in literary, film, folklore, or cultural studies (5,000-word maximum, including bibliography and notes)

In addition to the transcripts uploaded to the online application, official copies of transcripts should be mailed to the Office of Admissions, 1217 University of Oregon, Eugene, Oregon 97403-1286.

Information about graduate teaching fellowships may be found on the department website.

The application deadline for admission is January 15. Candidates are admitted only for fall term.

The completed file is reviewed by the department's graduate admissions committee, which notifies the applicant of its decision. All admissions are conditional.

Master of Arts Degree Requirements

ENG690	Introduction to Graduate Studies in English	5
Select one of the following:		
Pre-1500 course		
1500-1660 course		
1660–1800 course		
Select one of the following:		
19th-century course		
20th-century course		
Rhetoric or advanced theory course		
Nine formal 600-level seminars		

A master's thesis may be substituted for one elective seminar with the prior approval of the director of graduate studies in consultation with the faculty thesis advisor. The MA thesis is a substantial scholarly essay researched and written over two terms during the second year of study.

Graduate course work should be completed at the 600 level. Exceptions to this policy must be made in advance by the director of graduate studies in consultation with the individual faculty advisor.

A minimum cumulative GPA of 3.50 in all graduate course work at the UO is required for completion of the MA degree. At least nine courses must be taken in residence at the University of Oregon.

Students who have completed 12 graduate-level English courses (nine taken at the university), attained reading knowledge of one foreign language, and maintained a cumulative GPA of 3.30 or better may apply for the MA degree with a specialty in English or American literature.

Language Requirement

Completion of the degree requires reading competence in one foreign language. Reading competence may be demonstrated by a B+ average in the yearlong Old English sequence; a grade of mid-B or better in the last term of a second-year language course or an approved 300-, 400-, or 600-level literature course with readings in the target language; scoring at required levels on the College Level Examination Program (CLEP) test; or passing the Toronto Medieval Latin examination at the master's level.

Interdisciplinary MA

See the description of the Interdisciplinary Studies: Individualized Program (IS:IP) in the **Graduate School** section of this catalog.

Doctor of Philosophy Degree

Students who want to pursue a PhD at the University of Oregon should apply directly to the doctoral program. Students in the doctoral program who have not earned an MA prior to being admitted may receive the MA at the appropriate stage of their course of study, typically at the end of the second year (subject to the fulfillment of department and university MA requirements listed in the **Graduate School** section of this catalog).

The number of places in the PhD program is limited, and admission is competitive.

Admission Requirements

1. A bachelor of arts (BA) or a master of arts (MA) in English or a related field, with at least a 3.50 graduate grade point average (GPA)
2. The submission of scores on the verbal and analytical writing sections of the general test of the Graduate Record Examinations (GRE); the score on the subject test for literature in English is optional
3. For nonnative speakers: a minimum score of 600 on the paper-based Test of English as a Foreign Language (TOEFL) or a minimum score of 100 on the Internet-based version

Admission procedures are the same as for MA degrees. The application deadline is December 15; candidates are admitted only for fall term.

Residency Requirements

The Graduate School requires at least three years of full-time work beyond the bachelor's degree for the doctorate with at least one year spent in continuous residence on the Eugene campus. The Graduate School requires three consecutive terms (fall, winter, spring) with a minimum of 9 graduate credits of formal course work per term for the PhD year of residency; graduate teaching fellows must also enroll for a minimum of 9 graduate credits each term they hold a GTF appointment.

Doctor of Philosophy Degree Requirements

ENG614	Introduction to Literary and Cultural Theory	5
ENG690	Introduction to Graduate Studies in English	5
Select two of the following: [1]		
Pre-1500 course		
1500-1660 course		
1660–1800 course		
Select two of the following: [1]		
19th century course		
20th century course		
Rhetoric or advanced theory course		
Twelve seminars [2]		

1. Film and folklore courses are included under the appropriate time period.
2. The seminars, constituting the individual plan of study, may be distributed among any areas, and the plan must be approved by the student's graduate faculty advisor and the director of graduate studies before the second year of study.

Graduate course work should be completed at the 600 level. Exceptions to this policy must be made in advance by the director of graduate studies in consultation with the individual faculty advisor.

A cumulative GPA of 3.50 or better in all graduate work at the UO is the minimum requirement for satisfactory progress toward the PhD.

Second Language

The graduate language requirement for the doctoral degree is reading competence in two non-English languages or high proficiency in one. Reading competence may be demonstrated in each of two foreign languages as specified under the language requirement for the MA degree. High proficiency may be demonstrated by a grade of A– or better in an approved 400-, 500-, or 600-level literature course, with readings in the target language; scoring at the required levels on the College Level Examination Program (CLEP) test; or passing the Toronto Medieval Latin examination at the PhD level.

Students may petition the graduate committee to test in languages that don't fit the above criteria.

Teaching

Doctoral candidates must have experience as classroom teachers in the department before they receive the degree.

Structured Emphasis

Students may define their individual plan of study according to one of seven structured emphasis options: ethnic literary studies, film studies, folklore, literature and the environment, medieval studies, poetry and poetics, or rhetoric and composition. Each emphasis has a focused set of courses and a special section.

Breadth Examination

Doctoral candidates must take the PhD breadth examination at the beginning of the third year of study, or, if they enter with 6 or more transfer credits, at the beginning of the second year of study. The student and the student's advisor select two examination fields chosen for proximity to and/or importance for the separate, primary research field

and project. These fields may provide broad familiarity with readings, texts, or methods that will inform dissertation research, and may also develop areas of relevant professional or teaching competence. They may include historical fields adjacent to the primary research field; genres; or areas of critical theory. The examination includes written (take-home) and oral components based on reading lists generated by the student in consultation with faculty examiners and approved by the Graduate Committee. A student must pass the breadth examination in order to take the PhD major field examination, administered the following year. Students who fail either written portion of the breadth examination do not take the oral portion until they have retaken and passed the failed written part; retakes will occur at the end of that term, postponing the PhD major field examination to the following term.

Major Field Examination

After students in the PhD program have completed their course work, they must take a two-and-a-half-hour major field examination. Typically taken fall term following completion of all course work and the language requirement, the major field examination provides each student with the opportunity to present and defend a short paper on a topic related to the dissertation. The examination also allows the student to demonstrate expertise in his or her field of specialization. It is divided into two parts:

1. A discussion of a relatively broad field of study that provides a context for the topic or problem examined in part 2
2. A prepared presentation by the student on a topic or problem of the student's choice that is related to the dissertation, followed by a discussion of that topic

The topic and areas covered by the major field examination are defined, in the form of a project description and reading list, by the student in consultation with an advisor or advisors and must be approved by the English department graduate committee. As a supplement to the major field examination, a student may choose to complete a one- to two-hour written examination on part 2. The major field examination may be retaken only once.

PhD Dissertation

After completing all other degree requirements, the candidate should consult with a faculty advisor willing to work in the area of the student's interest and submit a dissertation prospectus for approval by the student's dissertation committee. Once the prospectus is approved by the committee and the director of graduate studies, the student is advanced to candidacy. A three-year period for completion of the dissertation begins when the Graduate School approves the advancement to candidacy.

The dissertation may be a work of literary, film, folklore, or linguistic scholarship or, with the approval of the committee, a collection of three substantial essays exhibiting internal coherence though not necessarily treating a single subject. The candidate gives an oral presentation or defense of the dissertation when it is completed and found acceptable by the committee.

Certificate in Writing, Public Speaking, and Critical Reasoning

The English department's certificate in writing, public speaking, and critical reasoning is available to all University of Oregon undergraduates in any minor.

A certificate in writing, public speaking, and critical reasoning requires 36 credits as follows:

Select three courses in writing (at least one at the 400 level):		12
ENG413	Theories of Literacy	
ENG420	The Art of the Sentence	
WR123	College Composition III	
WR320	Scientific and Technical Writing	
WR321	Business Communications	
WR423	Advanced Composition	
Select three courses in rhetoric (at least one of which must be ENG200 or ENG330):		12
ENG200	Public Speaking as a Liberal Art	
orENG330	Oral Controversy and Advocacy	
ENG491	Rhetoric and Ethics	
ENG492	History of Rhetoric and Composition	
ENG493	Modern Rhetorical Criticism	
Select two courses in reasoning:		8
ENG335	Inventing Arguments	
PHIL103	Critical Reasoning	
PHIL325	Logic, Inquiry, and Argumentation	
One capstone course:		4
ENG494	Reasoning, Speaking, Writing [1]	
Total Credits		**36**

[1] Rhetoric and Ethics (ENG491) may serve as the capstone course in years when Reasoning, Speaking, Writing (ENG494) is not taught.

Courses

ENG104. Introduction to Literature: Fiction. 4 Credits.
Works representing the principal literary genres.

ENG105. Introduction to Literature: Drama. 4 Credits.
Works representing the principal literary genres.

ENG106. Introduction to Literature: Poetry. 4 Credits.
Works representing the principal literary genres.

ENG107. World Literature. 4 Credits.
Reading and analysis of selected works in a global survey of ancient literatures, 2500 BCE–1500 CE.

ENG108. World Literature. 4 Credits.
Reading and analysis of selected works in a global survey of the early modern period to the industrial revolution, 1500 CE–1789 CE.

ENG109. World Literature. 4 Credits.
Reading and analysis of selected works in a global survey from the industrial revolution onward, 1789 CE–present.

ENG110. Introduction to Film and Media. 4 Credits.
Basic critical approaches to film and media studies. Analysis and interpretation of film and media.

ENG199. Special Studies: [Topic]. 1-5 Credits.
Repeatable.

ENG200. Public Speaking as a Liberal Art. 4 Credits.
Study and practice of public speaking as grounded in the five rhetorical canons of invention, arrangement, style, delivery, and memory.
Prereq: WR 122 or equivalent.

ENG207. Shakespeare. 4 Credits.
The major plays in chronological order with emphasis on the early and middle plays through "Hamlet."

ENG208. Shakespeare. 4 Credits.
The major plays in chronological order with emphasis on the later plays beginning with "Twelfth Night."

ENG211. Survey of English Literature. 4 Credits.
The principal works of English literature from 1789 to the present, selected to represent major writers, literary forms, and significant currents of thought. Offered alternate years.

ENG215. Survey of American Literature. 4 Credits.
American literature from its beginnings to 1850.

ENG216. Survey of American Literature. 4 Credits.
American literature from 1850 to the present.

ENG220. Introduction to the English Major. 4 Credits.
Chronological study of literary works in English from the beginnings to 17th century, considered in the context of cultural histories.

ENG221. Introduction to the English Major. 4 Credits.
Chronological study of literary works in English from the 17th to 19th centuries, considered in the context of cultural histories.

ENG222. Introduction to the English Major. 4 Credits.
Chronological study of literary works in English from the 19th century to present, considered in the context of cultural histories.
Prereq: ENG 220 or 221.

ENG225. Age of King Arthur. 4 Credits.
Introduction to the literature of the Middle Ages set against the backdrop of medieval culture.

ENG230. Introduction to Environmental Literature. 4 Credits.
Introduction to literature that examines the human place in the natural world. Consideration of how writers understand environmental crises and scientific ideas of their generation.

ENG241. Introduction to African American Literature. 4 Credits.
African American literature and culture in relevant intellectual, social, and historical contexts.

ENG242. Introduction to Asian American Literature. 4 Credits.
Asian American literature and culture in relevant intellectual, social, and historical contexts.

ENG243. Introduction to Chicano and Latino Literature. 4 Credits.
Chicano and Latino literature and culture in relevant intellectual, social, and historical contexts.

ENG244. Introduction to Native American Literature. 4 Credits.
Native American literature and culture in relevant intellectual, social, and historical contexts.

ENG245. Introduction to Ethnic American Literature: [Topic]. 4 Credits.
American ethnic literature and culture in relevant intellectual, social, and historical contexts. Repeatable once when topic changes for a maximum of 8 credits.

ENG260. Media Aesthetics. 4 Credits.
Conventions of visual representation in still photography, motion pictures, and video.

ENG265. History of the Motion Picture. 4 Credits.
Studies the historical evolution of cinema as an institution and art form from its origins to present. Sequence with ENG 266, 267.

ENG266. History of the Motion Picture. 4 Credits.
Studies the historical evolution of cinema as an institution and art form from its origins to present. Sequence with ENG 265, 267.

ENG267. History of the Motion Picture. 4 Credits.
Studies the historical evolution of cinema as an institution and art form from its origins to present. Sequence with ENG 265, 266.

ENG280. Introduction to Comic Studies. 4 Credits.
Introduction to the art of comics and the methodologies of comics studies.

ENG300. Introduction to Literary Criticism. 4 Credits.
Various techniques and approaches to literary criticism (e.g., historical, feminist, formalist, deconstructionist, Freudian, Marxist, semiotic) and their applications.
Prereq: sophomore standing.

ENG313. Teen and Children's Literature. 4 Credits.
Books for young readers, their social implications and historical context, from the 19th century to the present.
Coreq: ENG 404 Internship: Community Literacy; sophomore standing.

ENG315. Women Writers' Cultures: [Topic]. 4 Credits.
Women's writing in a particular cultural matrix (race, ethnicity, class, sexual orientation, region, religion) examined in the context of feminist literary theories. Repeatable when topic changes.
Prereq: sophomore standing.

ENG316. Women Writers' Forms: [Topic]. 4 Credits.
Women's writing in a particular genre or form (prose, fiction, drama, poetry, autobiography, folksong) examined in the context of current feminist literary theories. Repeatable when topic changes.
Prereq: sophomore standing.

ENG321. English Novel. 4 Credits.
Rise of the novel from Defoe to Austen.

ENG322. English Novel. 4 Credits.
Rise of the novel from Scott to Hardy.

ENG323. English Novel. 4 Credits.
Rise in the novel from Conrad to the present.

ENG325. Literature of the Northwest. 4 Credits.
Survey of significant Pacific Northwest literature as set against the principles of literary regionalism. Offered alternate years.
Prereq: Sophomore standing.

ENG330. Oral Controversy and Advocacy. 4 Credits.
In-depth study of the habits of research, reasoning, selection, and presentation necessary for ethical and effective oral advocacy on contested topics. Not open to freshmen.
Prereq: WR 122 or equivalent.

ENG335. Inventing Arguments. 4 Credits.
Analysis and use of patterns of reasoning derived from the disciplines of rhetoric, informal logic, cognitive science, and the theory of argumentation.
Prereq: WR 122 or WR 123.

ENG340. Jewish Writers. 4 Credits.
Forms and varieties of fiction, poetry, and drama by Jewish writers from the 19th century to the present.

ENG352. Shakespeare on Page and Stage. 4 Credits.
Intermediate-level study of Shakespeare's plays and poems. Supplements traditional lectures and texts with acting workshops, film, live theater viewings, and student performances.
Prereq: sophomore standing.

ENG360. African American Writers. 4 Credits.
Examines the origins and development of African American literature and culture in relevant intellectual, social, and historical contexts.
Prereq: sophomore standing.

ENG361. Native American Writers. 4 Credits.
Examines the origins and development of Native American literature and culture in relevant intellectual, social, and historical contexts. Course will be taught once or more per academic year.
Prereq: Sophomore standing.

ENG362. Asian American Writers. 4 Credits.
Examines the origins and development of Asian American literature and culture in relevant intellectual, social, and historical contexts. Course will be taught once or more per academic year.
Prereq: Sophomore standing.

ENG363. Chicano and Latino Writers. 4 Credits.
Examines the origins and development of Chicano and Latino literature and culture in relevant intellectual, social, and historical contexts. Course will be taught once or more per academic year.
Prereq: Sophomore standing.

ENG364. Comparative Ethnic American Literatures. 4 Credits.
Comparative examination of major issues in African, Asian, Chicano, and Native American literatures and cultures in relevant contexts. Course will be taught once or more per academic year.
Prereq: Sophomore standing.

ENG365. Global Literatures in English. 4 Credits.
Examination of non-U.S. and non-British authors writing in English in relation to the historical, cultural, and intellectual contexts of their native countries.
Prereq: sophomore standing.

ENG380. Film, Media, and History. 4 Credits.
Study of the history of institutions and industries that shape production and reception of film and media.

ENG381. Film, Media, and Culture. 4 Credits.
Study of film and media as aesthetic objects that engage with communities identified by class, gender, race, ethnicity, and sexuality.

ENG385. Graphic Narratives and Cultural Theory. 4 Credits.
Survey of 20th- and 21st- century graphic novels in the context of cultural theory. Sophomore standing required. Offered alternate years.

ENG391. American Novel. 4 Credits.
Development of the American novel from its beginnings to 1900.

ENG392. American Novel. 4 Credits.
Development of the American novel from 1900 to present.

ENG394. 20th-Century Literature. 4 Credits.
Modern literature from American, British, and European cultures, 1890 to 1945. Significant works of poetry, fiction, drama, and nonfiction in relation to intellectual and historical developments.

ENG395. 20th-Century Literature. 4 Credits.
Modern literature from American, British, and European cultures, 1945 to present. Significant works of poetry, fiction, drama, and nonfiction in relation to intellectual and historical developments.

ENG399. Special Studies: [Topic]. 1-5 Credits.
Repeatable.
Prereq: sophomore standing.

ENG400M. Temporary Multilisted Course. 1-5 Credits.
Repeatable.

ENG401. Research: [Topic]. 1-21 Credits.
Repeatable.
Prereq: junior standing.

ENG403. Thesis. 1-12 Credits.
Repeatable.
Prereq: junior standing.

ENG404. Internship: [Topic]. 1-6 Credits.
On- or off-campus internship in a variety of writing or literacy-related settings in connection with designated courses. Repeatable.
Prereq: junior standing.

ENG405. Reading and Conference: [Topic]. 1-21 Credits.
Repeatable.
Prereq: junior standing.

ENG407. Seminar: [Topic]. 1-5 Credits.
Repeatable. Selected seminars offered each year.

ENG408. Workshop: [Topic]. 1-21 Credits.
Repeatable.
Prereq: junior standing.

ENG410. Experimental Course: [Topic]. 1-5 Credits.
Repeatable. Selected topics offered each year.
Prereq: junior standing.

ENG412. Literary Editing. 4 Credits.
Study of principles and practices of editing contemporary literature. Prepares the student for work in the trade.

ENG413. Theories of Literacy. 4 Credits.
Approaches to literacy through literary theory, rhetoric and cultural studies. Examines issues involved with school and community literacy.
Pre- or coreq: ENG 404 Internship: Community Literacy; junior standing.

ENG419. Contemporary Literary Theory. 4 Credits.
Developments in critical thinking after the New Criticism.
Prereq: Junior standing.

ENG420. The Art of the Sentence. 4 Credits.
Analysis of English grammar and style in literary and academic contexts. Offered alternate years.
Prereq: junior standing.

ENG421. The Bible and Literature. 4 Credits.
The Bible, Old and New Testaments, as a model for and influence on secular literature.
Prereq: Junior standing.

ENG423. The Age of Beowulf. 4 Credits.
A reading of Anglo-Saxon literature and culture as the intersection of Germanic, Celtic, and Christian traditions. Readings include Irish epic, Welsh romance, Norse mythology, and Icelandic saga.
Prereq: Junior standing.

ENG425. Medieval Romance. 4 Credits.
Study of selected romances in the context of European intellectual and social history. May include elementary linguistic introduction to Middle English.
Prereq: Junior standing.

ENG427. Chaucer. 4 Credits.
Close textual study of selected Canterbury Tales in Middle English; instruction in the grammar and pronunciation of Chaucer's language.
Prereq: Junior standing.

ENG428. Old English I. 4 Credits.
Introduction to Old English language. Sequence with ENG 429, 430.
Prereq: Junior standing.

ENG429. Old English II: [Topic]. 4 Credits.
Study of Old English prose or poetry in the original language. Sequence with ENG 428, 430. Repeatable twice when topic changes.
Prereq: ENG 428.

ENG430. Old English III: [Topic]. 4 Credits.
Study of Beowulf or works by other major Old English authors in the original language. Sequence with ENG 428, 429. Repeatable twice when topic changes.
Prereq: ENG 429

ENG434. Spenser. 4 Credits.
Examines the works of Edmund Spenser.
Prereq: Junior standing.

ENG436. Advanced Shakespeare. 4 Credits.
Detailed study of selected plays, poetry, or both.
Prereq: Junior standing.

ENG438. Shakespeare's Rivals. 4 Credits.
Representative plays by Ben Jonson, Thomas Middleton, John Webster, and other early 17th-century dramatists.
Prereq: Junior standing.

ENG440. 17th-Century Poetry and Prose. 4 Credits.
Poetry from the Metaphysicals and Jonson to the Restoration; prose from Burton and Bacon to Hobbes and Milton.
Prereq: Junior standing.

ENG442. Milton. 4 Credits.
"Paradise Lost," "Paradise Regained," and "Samson Agonistes."
Prereq: Junior standing.

ENG446. Restoration and 18th-Century Literature. 4 Credits.
Restoration period.
Prereq: Junior standing.

ENG448. Restoration and 18th-Century Literature. 4 Credits.
Johnson and his circle; classic to romantic; relations between England and the Enlightenment in France.

ENG451. 19th-Century Studies: [Topic]. 4 Credits.
Comparative studies of selected problems and figures on both sides of the Atlantic; treating topics in literature, the fine arts, and social history. Repeatable when topic changes.

ENG454. English Romantic Writers. 4 Credits.
Romantic thought and expression. The first generation including Blake, Coleridge, Dorothy and William Wordsworth.
Prereq: Junior standing.

ENG457. Victorian Literature and Culture: [Topic]. 4 Credits.
Exploration of major works, figures, controversies, social and cultural issues. Readings in Victorian fiction, poetry, drama, and nonfictional prose; study of examples of the visual arts and popular culture. Repeatable when topic changes for maximum of 8 credits.
Prereq: Junior standing.

ENG461. American Literature to 1800. 4 Credits.
Readings in American poetry, nonfiction prose, drama, and fiction.
Prereq: Junior standing.

ENG462. American Literature, 1800-1900. 4 Credits.
Readings primarily in American poetry, nonfiction prose, drama, and fiction.
Prereq: Junior standing.

ENG466. Colonial and Postcolonial Literature: [Topic]. 4 Credits.
Focused study of authors, genres, and literary movements related to literature written in English about and in former colonies of American or European nations. Repeatable twice when topic changes for a maximum of 12 credits.
Prereq: Junior standing.

ENG468. Ethnic Literature: [Topic]. 4 Credits.
Advanced study of one or more authors or literary genres related to ethnic literature including African, Native, Asian, or Chicano American. Repeatable twice when topic changes for a maximum of 12 credits.
Prereq: junior standing.

ENG469. Literature and the Environment: [Topic]. 4 Credits.
In-depth study of various topics related to literature and the environment including Bioart/Bioethics, Biosemiotics, Critical Animal Studies, Food Culture, Ideas of Wilderness, Rhetoric of Nature Writing, Virtual Ecologies. Repeatable thrice when topic changes for maximum of 16 credits.
Prereq: Junior standing.

ENG475. Modern Poetry. 4 Credits.
20th-century British and American poetry with emphasis on the modernist period, 1910–45. Representative authors include Yeats, Stein, Pound, Eliot, H. D., Williams, and Stevens.
Prereq: Junior standing.

ENG476. Modern Fiction. 4 Credits.
Representative modern fiction writers in English, American, and Continental literatures, such as Joyce, Woolf, Stein, Faulkner, Proust, Kafka, and Mann.
Prereq: Junior standing.

ENG479. Major Authors: [Topic]. 4 Credits.
In-depth study of one to three major authors from medieval through modern periods. Repeatable.
Prereq: Junior standing.

ENG480. Modern American Superhero. 4 Credits.
Examination of the path of the American comic book superhero and an exploration of the ways in which that journey reflects large processes of social change.

ENG485. Television Studies. 4 Credits.
Study of television's institutional contents and representational practices, including such television genres as serials, news, and reality TV. Offered alternate years.

ENG486. New Media and Digital Culture. 4 Credits.
Study of media emerging from computer-based and digital techniques, including digital cinema, cyborgs, interactive games, multiplayer online simulations, and viral videos. Offered alternate years.

ENG488. Race and Representation in Film: [Topic]. 4 Credits.
Screening, interpretation, and analysis of films from developing non-European cultures and by people of color. Mechanisms of racism in dominant U.S. media. Repeatable twice for a maximum of 12 credits.
Prereq: Junior standing.

ENG490. Film Directors and Genres: [Topic]. 4 Credits.
Aesthetic, historical, and theoretical analysis of films, video, and television. Repeatable.
Prereq: Junior standing.

ENG491. Rhetoric and Ethics. 4 Credits.
Investigation of historical and contemporary theories of ethical rhetoric in both written and oral arguments.
Prereq: WR 122 or 123.

ENG492. History of Rhetoric and Composition. 4 Credits.
History of rhetoric as related to the theory and practice of writing, relations between rhetoric and poetics, and rhetorical criticism through the 19th century.
Prereq: Junior standing.

ENG493. Modern Rhetorical Criticism. 4 Credits.
Theoretical topics addressed by 20th-century rhetorical critics. Varieties of rhetorical interpretation, from neo-Aristotelian to reader-response, postmodernist views of metaphor.
Prereq: Junior standing.

ENG494. Reasoning, Speaking, Writing. 4 Credits.
Application of advanced study in argumentation theory, particularly procedural standards of rationality developed in recent argumentation studies, to selected public policy controversies.

ENG496. Feminist Film Criticism: [Topic]. 4 Credits.
Critical analysis of film and television texts from a feminist perspective. Repeatable when topic changes.
Prereq: Junior standing.

ENG503. Thesis. 1-16 Credits.
Repeatable.

ENG507. Seminar: [Topic]. 1-5 Credits.
Repeatable. Selected seminars offered each year.

ENG508. Workshop: [Topic]. 1-21 Credits.
Repeatable.

ENG510. Experimental Course: [Topic]. 1-5 Credits.
Repeatable. Selected topics offered each year.

ENG512. Literary Editing. 4 Credits.
Study of principles and practices of editing contemporary literature. Prepares the student for work in the trade.

ENG513. Theories of Literacy. 4 Credits.
Approaches to literacy through literary theory, rhetoric and cultural studies. Examines issues involved with school and community literacy.
Pre- or coreq: ENG 604.

ENG519. Contemporary Literary Theory. 4 Credits.
Developments in critical thinking after the New Criticism.

ENG520. The Art of the Sentence. 4 Credits.
Analysis of English grammar and style in literary and academic contexts. Offered alternate years.

ENG521. The Bible and Literature. 4 Credits.
The Bible, Old and New Testaments, as a model for and influence on secular literature.

ENG528. Old English I. 4 Credits.
Introduction to Old English language. Sequence with ENG 529, 530.

ENG529. Old English II: [Topic]. 4 Credits.
Study of Old English prose or poetry in the original language. Sequence with ENG 528, 530. Repeatable twice when topic changes.
Prereq: ENG 4/528.

ENG530. Old English III: [Topic]. 4 Credits.
Study of Beowulf or works by other major Old English authors in the original language. Sequence with ENG 528, 529. Repeatable twice when topic changes.
Prereq: ENG 4/529.

ENG534. Spenser. 4 Credits.
Examines the works of Edmund Spenser.

ENG536. Advanced Shakespeare. 4 Credits.
Detailed study of selected plays, poetry, or both.

ENG538. Shakespeare's Rivals. 4 Credits.
Representative plays by Ben Jonson, Thomas Middleton, John Webster, and other early 17th-century dramatists.

ENG540. 17th-Century Poetry and Prose. 4 Credits.
Poetry from the Metaphysicals and Jonson to the Restoration; prose from Burton and Bacon to Hobbes and Milton.

ENG542. Milton. 4 Credits.
"Paradise Lost," "Paradise Regained," and "Samson Agonistes."

ENG546. Restoration and 18th-Century Literature. 4 Credits.
Restoration period.

ENG548. Restoration and 18th-Century Literature. 4 Credits.
Johnson and his circle; classic to romantic; relations between England and the Enlightenment in France.

ENG551. 19th-Century Studies: [Topic]. 4 Credits.
Comparative studies of selected problems and figures on both sides of the Atlantic; treating topics in literature, the fine arts, and social history. Repeatable when topic changes.

ENG554. English Romantic Writers. 4 Credits.
Romantic thought and expression. The first generation including Blake, Coleridge, Dorothy and William Wordsworth.

ENG557. Victorian Literature and Culture: [Topic]. 4 Credits.
Exploration of major works, figures, controversies, social and cultural issues. Readings in Victorian fiction, poetry, drama, and nonfictional prose; study of examples of the visual arts and popular culture. Repeatable when topic changes for maximum of 8 credits.

ENG561. American Literature to 1800. 4 Credits.
Readings in American poetry, nonfiction prose, drama, and fiction.

ENG562. American Literature, 1800-1900. 4 Credits.
Readings primarily in American poetry, nonfiction prose, drama, and fiction.

ENG566. Colonial and Postcolonial Literature: [Topic]. 4 Credits.
Focused study of authors, genres, and literary movements related to literature written in English about and in former colonies of American or European nations. Repeatable twice when topic changes for a maximum of 12 credits.

ENG568. Ethnic Literature: [Topic]. 4 Credits.
Advanced study of one or more authors or literary genres related to ethnic literature including African, Native, Asian, or Chicano American. Repeatable twice when topic changes for a maximum of 12 credits.

ENG569. Literature and the Environment: [Topic]. 4 Credits.
In-depth study of various topics related to literature and the environment including Bioart/Bioethics, Biosemiotics, Critical Animal Studies, Food Culture, Ideas of Wilderness, Rhetoric of Nature Writing, Virtual Ecologies. Repeatable thrice when topic changes for maximum of 16 credits.

ENG575. Modern Poetry. 4 Credits.
20th-century British and American poetry with emphasis on the modernist period, 1910–45. Representative authors include Yeats, Stein, Pound, Eliot, H. D., Williams, and Stevens.

ENG576. Modern Fiction. 4 Credits.
Representative modern fiction writers in English, American, and Continental literatures, such as Joyce, Woolf, Stein, Faulkner, Proust, Kafka, and Mann.

ENG579. Major Authors. 4 Credits.
In depth study of one to three major authors from medieval through modern periods. Repeatable.

ENG580. Modern American Superhero. 4 Credits.
Examination of the path of the American comic book superhero and an exploration of the ways in which that journey reflects large processes of social change.

ENG585. Television Studies. 4 Credits.
Study of television's institutional contents and representational practices, including such television genres as serials, news, and reality TV. Offered alternate years.

ENG586. New Media and Digital Culture. 4 Credits.
Study of media emerging from computer-based and digital techniques, including digital cinema, cyborgs, interactive games, multiplayer online simulations, and viral videos. Offered alternate years.

ENG588. Race and Representation in Film: [Topic]. 4 Credits.
Screening, interpretation, and analysis of films from developing non-European cultures and by people of color. Mechanisms of racism in dominant U.S. media. Repeatable twice for a maximum of 12 credits.

ENG590. Film Directors and Genres: [Topic]. 4 Credits.
Aesthetic, historical, and theoretical analysis of films, video, and television. Repeatable.

ENG591. Rhetoric and Ethics. 4 Credits.
Investigation of historical and contemporary theories of ethical rhetoric in both written and oral arguments.
Prereq: WR 122 or equivalent.

ENG592. History of Rhetoric and Composition. 4 Credits.
History of rhetoric as related to the theory and practice of writing, relations between rhetoric and poetics, and rhetorical criticism through the 19th century.

ENG593. Modern Rhetorical Criticism. 4 Credits.
Theoretical topics addressed by 20th-century rhetorical critics. Varieties of rhetorical interpretation, from neo-Aristotelian to reader-response, postmodernist views of metaphor.

ENG596. Feminist Film Criticism: [Topic]. 4 Credits.
Critical analysis of film and television texts from a feminist perspective. Repeatable when topic changes.

ENG601. Research: [Topic]. 1-16 Credits.
Repeatable.

ENG602. Supervised College Teaching. 1-5 Credits.
Repeatable.

ENG603. Dissertation. 1-21 Credits.
Repeatable.

ENG604. Internship: [Topic]. 1-6 Credits.
Repeatable. On- or off-campus internship in a variety of writing or literacy-related settings.

ENG605. Reading and Conference: [Topic]. 1-16 Credits.
Repeatable.

ENG607. Seminar: [Topic]. 1-5 Credits.
Repeatable. Selected seminars offered each year.

ENG608. Workshop: [Topic]. 1-16 Credits.
Repeatable.

ENG609. Terminal Project. 1-16 Credits.

ENG610. Experimental Course: [Topic]. 1-5 Credits.
Repeatable.

ENG611. Composition Graduate Teaching Fellow Seminar I. 1-3 Credits.
Issues in pedagogy related to the university's writing requirement.

ENG612. Composition Graduate Teaching Fellow Seminar II. 1-3 Credits.
Discussions designed to increase the effectiveness of first-year graduate teaching fellows as teachers of courses that fulfill the university's writing requirement.

ENG613. Graduate Teaching Fellow Composition Apprenticeship. 1-3 Credits.
Supervised practical experience in all aspects of teaching WR 121, 122. Prereq: ENG 611 or equivalent.

ENG614. Introduction to Literary and Cultural Theory. 5 Credits.
Introduces students to a number of the most important and influential developments in 20th-century literary and cultural theory. Graduate seminar.

ENG615. Advanced Studies in Literary Theory: [Topic]. 5 Credits.
Intensive study of one to three major theorists or a significant theoretical problem. Repeatable.

ENG620. Medieval Literature: [Topic]. 5 Credits.
Recent offerings include Chaucer's Troilus and Criseyde, Humor and Vulgarity in Medieval Literature. Repeatable.

ENG630. Renaissance Literature: [Topic]. 5 Credits.
Recent offerings include Hamlet, Jacobean Potboilers, Renaissance Irrationalities. Repeatable.

ENG645. 18th-Century Literature: [Topic]. 5 Credits.
Intensive study of one to three major authors or selected topics from the 18th century. Recent offerings include Enlightenment and Revolution. Repeatable.

ENG650. 19th-Century Literature: [Topic]. 5 Credits.
Recent topics include Scottish Fiction and Cultural Nationalism, Heroine and the English Novel. Repeatable.

ENG660. American Literature: [Topic]. 5 Credits.
Recent offerings include African American Women Writers, Evolutionary Theories and Narrative, Sentimental Novel, V. Deloria and Native American Cultural Values. Repeatable.

ENG670. Modern Literature: [Topic]. 5 Credits.
Recent offerings include H. James, Modernist Politics, Environmental Humanities, Postmodernism. Repeatable.

ENG690. Introduction to Graduate Studies in English. 5 Credits.
Examination of selected professional, methodological, and theoretical issues.

ENG691. Composition Theory: [Topic]. 5 Credits.
Intensive study of topics related to rhetorical theory and the teaching of writing. Repeatable.

ENG695. Film Studies: [Topic]. 5 Credits.
Intensive study of selected topics related to film studies and literature. Recent topics include Introduction to Film Theory; Feminism, Comedy, and the Carnivalesque; Melodrama. Repeatable.

Courses

WR121. College Composition I. 4 Credits.
Written reasoning as discovery and inquiry. Frequent essays explore relationship of thesis to structure and audience. Strong focus on the process of revising. Regular work on editing.
Prereq: SAT verbal score below 710 (650 if taken before April 1995), ACT verbal score below 32, or equivalent.

WR122. College Composition II. 4 Credits.
Written reasoning as a process of argument. Developing and supporting theses in response to complex questions. Attention to critical reading in academic setting. Continuing focus on revising and editing.
Prereq: WR 121 or equivalent.

WR123. College Composition III. 4 Credits.
Written reasoning in the context of research. Practice in writing documented essays based on the use of sources. Continuing focus on revising and editing.
Prereq: WR 121 or equivalent.

WR195. Writing Tutorial. 1 Credit.
Provides students concurrently enrolled in WR 121 with one-on-one tutoring. Enrollment priority based on entrance exam (SAT or ACT) scores. Repeatable once.
Coreq: WR 121.

WR198. Independent Writing Project. 1-3 Credits.
Repeatable. Supervised writing projects in nonfiction prose.
Prereq: WR 122 or equivalent.

WR199. Special Studies: [Topic]. 1-5 Credits.
Repeatable.

WR312. Principles of Tutoring Writing. 4 Credits.
The practice and ethics of tutoring writing in the context of writing in various academic disciplines. Theories of teaching, tutoring techniques, and assessment of writing.

WR320. Scientific and Technical Writing. 4 Credits.
Emphasis on form, function, and style of scientific, professional, and technical writing; weekly writing assignments include proposals, reports, definitions, instructions, summaries. Use of documentation in publication.
Prereq: completion of university writing requirement; junior standing.

WR321. Business Communications. 4 Credits.
Practice in writing and analyzing internal and external messages common to business, industry, and professions. Suggested for business and management students.
Prereq: completion of university writing requirement; junior standing.

WR399. Special Studies: [Topic]. 1-5 Credits.
Repeatable.
Prereq: sophomore standing.

WR408. Independent Writing Projects. 1-3 Credits.
Supervised writing projects in nonfiction prose. Repeatable.

WR410. Experimental Course: [Topic]. 1-5 Credits.
Repeatable.
Prereq: Junior standing.

WR423. Advanced Composition. 4 Credits.
Emphasis on critical thinking skills and rhetorical strategies for advanced written reasoning in different academic disciplines.
Prereq: Completion of University Writing Requirement; junior standing.

WR508. Independent Writing Projects. 1-3 Credits.
Supervised writing projects in nonfiction prose. Repeatable.

Environmental Studies

Richard York, Program Director
541-346-5000
541-346-5954 fax
144 Columbia Hall
5223 University of Oregon
Eugene, Oregon 97403-5223

Environmental studies crosses the boundaries of traditional disciplines in the natural sciences, social sciences, humanities, management, policy, design, and law. It challenges faculty members and students to look at the relationship between humans and their environment from new perspectives. The Environmental Studies Program is dedicated to gaining greater understanding of the natural world from an ecological perspective; devising policies and behaviors that address contemporary environmental problems; and promoting a rethinking of basic cultural premises, ways of structuring knowledge, and the root metaphors of contemporary society.

Faculty

Core faculty members listed in the faculty list have dedicated responsibilities in the program. Participating faculty members have demonstrated professional interests in environmental studies by researching environmental issues, teaching courses that meet program requirements, or participating in a variety of program activities on a voluntary basis. They are all available to advise students who are interested in environmental studies. More information about the faculty is available on the program website.

Resources

The program's resource center has a limited collection of books related to environmental topics. University of Oregon students and members of the faculty and staff may borrow items for up to two weeks.

Faculty

Brendan J. M. Bohannan, associate professor (microbial ecology). See **Biology**.

Peg Boulay, instructor (environmental monitoring, wildlife conservation, outreach and education); codirector, environmental leadership and advising. BS, 1989, Furman; MS, 1992, Florida. (2009)

Scott D. Bridgham, professor (ecosystem ecology, climate change). See **Biology.**

Trudy Ann Cameron, Raymond F. Mikesell Professor of Environmental and Resource Economics (environmental economics). See **Economics**.

Mark Carey, associate professor (history). See **Robert Donald Clark Honors College**.

Matthew Dennis, professor (colonial and early national America, American cultural and environmental history, American Indian history). See **History**.

Alan Dickman, senior instructor with title of research associate professor. See **Biology**.

Stephanie LeMenager, Barbara and CarlisleMoore Distinguished Professor in English and American Literature. See **English**.

Kathryn A. Lynch, instructor (environmental leadership, tropical conservation, environmental education); codirector, environmental leadership and advising. BS, 1992, California, Davis; MA, 1995, PhD, 2001, Florida. (2005)

Kathy Lynn, research assistant (Tribal Climate Change Project).

Richard D. Margerum, associate professor (collaborative environmental management, conflict management in multistakeholder processes). See **Planning, Public Policy and Management**.

Galen Martin, senior instructor (sustainable agriculture, food systems).

Patricia F. McDowell, professor (river management and restoration). See **Geography**.

Ronald B. Mitchell, professor (environmental politics, international relations). See **Political Science**.

Erin Moore, assistant professor (life-cycle environmental impacts). See **Architecture**.

Nicolae Morar, visiting assistant professor (applied ethics, philosophy of biology). See **Philosophy**.

Brook Muller, associate professor (environmentally responsive architecture). See **Architecture**.

Kari Norgaard, associate professor (environment, climate-change denial). See **Sociology**.

Joshua J. Roering, associate professor (geomorphology, landscape evolution modeling). See **Geological Sciences**.

David Sutherland, assistant professor (ice-ocean interaction, coastal and estuarine oceanography). See **Geological Sciences.**

Ted Toadvine, professor (environmental ethics, ecophenomenology). See **Philosophy.**

Sarah Wald, assistant professor (race and ethnic studies, environmental humanities).

Peter A. Walker, professor (environmental politics, political ecology). See **Geography**.

Marsha Weisiger, Rocky and Julie Dixon Chair of U.S. Western History; associate professor (environmental, Native American, American West). See **History**.

Louise Westling, professor (ecocriticism, environmental humanities). See **English.**

Stephen Wooten, associate professor (international and food studies). See **International Studies**.

Richard York, associate professor (assessing anthropogenic driving forces of global environmental change). See **Sociology**.

The date in parentheses at the end of each entry is the first year on the University of Oregon faculty.

Participating

Susan C. Anderson, German and Scandinavian

William S. Ayres, anthropology

Patrick J. Bartlein, geography

Carol Ann Bassett, journalism and communication

Carla Bengtson, art

Ann Bettman, landscape architecture

Aletta Biersack, anthropology

Thomas H. Bivins, journalism and communication

Christopher Bone, geography

John E. Bonine, law

Gregory D. Bothun, physics

William E. Bradshaw, biology

Yvonne A. Braun, women's and gender studies

G. Z. Brown, architecture

George C. Carroll, biology

Katharine V. Cashman, geological sciences

Richard W. Castenholz, biology

Suzanne Clark, English

Shaul E. Cohen, geography

John S. Conery, computer and information science

William A. Cresko, biology

James R. Crosswhite, English

Edward B. Davis, Museum of Natural and Cultural History

Jerome Diethelm, landscape architecture

Rebecca J. Dorsey, geological science

Michael C. Dreiling, sociology

James R. Elliott, sociology

Richard B. Emlet, biology

Paul C. Engelking, chemistry and biochemistry

Arthur M. Farley, computer and information science

Mark Fonstad, geography

John B. Foster, sociology

John T. Gage, English

Daniel Gavin, geography

Daniel Goldrich, political science

Jessica L. Green, biology

Patricia A. Gwartney, sociology

William T. Harbaugh, economics

Susan W. Hardwick, geography

Jill A. Harrison, sociology

Kenneth I. Helphand, landscape architecture

Michael Hibbard, planning, public policy and management

Richard G. Hildreth, law

Derrick Hindery, international studies

Janet Hodder, Oregon Institute of Marine Biology

Garrett K. Hongo, creative writing

Samantha Hopkins, honors college

Carl J. Hosticka, planning, public policy and management

David Hulse, landscape architecture

James E. Hutchison, chemistry and biochemistry

Renee A. Irvin, planning, public policy and management

Colin Ives, art

Grant Jacobsen, planning, public policy and management

Bart Johnson, landscape architecture

Mark Johnson, philosophy

Lamia Karim, anthropology

Craig Kauffman, political science

Lauren J. Kessler, journalism and communication

Gyoung-Ah Lee, anthropology

Glen A. Love, English

Bonnie Mann, philosophy

W. Andrew Marcus, geography

Ralph Mastromonaco, economics

Theresa May, theater arts

Gregory McLauchlan, sociology

Jerry F. Medler, political science

Kate Meehan, geography

Robert Z. Melnick, landscape architecture

Debra L. Merskin, journalism and communication

Geraldine Moreno Black, anthropology

Cassandra Moseley, Institute for a Sustainable Environment

Madonna L. Moss, anthropology

Alexander B. Murphy, geography

Lise Nelson, geography

Jeffrey Ostler, history

Robert G. Parker, planning, public policy and management

Stephen E. Ponder, journalism and communication

Daniel A. Pope, history

Scott L. Pratt, philosophy

Mark H. Reed, geological sciences

Gregory J. Retallack, geological sciences

John S. Reynolds, architecture

Robert G. Ribe, landscape architecture

William Rossi, English

Bitty A. Roy, biology

Michael V. Russo, management

Gordon M. Sayre, English

Marc Schlossberg, planning, public policy and management

Alan Shanks, biology

Lynda P. Shapiro, biology

Paul Slovic, psychology

J. Josh Snodgrass, anthropology

Lawrence S. Sugiyama, anthropology

Kelly Sutherland, geological sciences

Richard P. Suttmeier, political science

Nora B. Terwilliger, biology

Roxi Thoren, landscape architecture

Joseph W. Thornton, biology

Nelson Ting, anthropology

Douglas R. Toomey, geological sciences

Daniel Udovic, biology

Peter Warnek, philosophy

Peter B. Wetherwax, biology

Ray J. Weldon, geological sciences

W. Ed Whitelaw, economics

A. Michelle Wood, biology

Mary C. Wood, law

Yizhao Yang, planning, public policy and management

- **Bachelor of Arts in Environmental Studies**
- **Bachelor of Arts in Environmental Science**

- **Bachelor of Science in Environmental Studies**
- **Bachelor of Science in Environmental Science** (p. 178)
- **Minor in Environmental Studies**

Undergraduate Studies

The program offers undergraduate instruction through two majors, leading to a bachelor of arts (BA) or a bachelor of science (BS) degree. A minor in environmental studies is also offered.

Both majors provide a broad, solid, interdisciplinary perspective on the relationship between humans and nature. Their goals are to develop awareness of environmental issues and to develop an understanding of the nature and scope of the forces underlying environmental problems, the various approaches used to bring environmental problems to the public's attention, and the methods and approaches used to solve these problems.

Majors gain an appreciation of the interdisciplinary nature of environmental studies, and they master content and skills associated with a number of different disciplines.

Majors and minors have considerable latitude in designing a course of study that combines theory and practice, invites active participation, and fits specific interests, needs, and aptitudes. The majors, which provide a well-rounded basic education, prepare students for entry-level positions in business, government, nongovernmental and nonprofit organizations, and for a variety of graduate and professional degree programs. Students are encouraged to take advantage of career planning services offered by the Career Center.

The environmental studies major focuses on social sciences, policy studies, the humanities, and sustainable design. It is designed for students who are interested in such areas as environmental policy, planning, ethics or philosophy, ecocriticism, ecofeminism, environmental justice, sustainable development, international environmental issues, or social theory and the environment.

The environmental science major is designed for students who want to focus on scientific careers in conservation biology, climate science, pollution prevention and abatement, or ecosystem protection, restoration, and management.

Students should plan their programs early in their undergraduate careers with the aid of an environmental studies academic advisor. Majors are urged to consider completing a second major or a minor in a related field. The program offers drop-in student advising in the main office.

Up-to-date information, major requirements sheets, and tip sheets are available in the program office and on the website.

Major Requirements

The environmental studies curriculum is designed to provide a solid foundation in the sciences, social sciences, and humanities; to build on these foundations in advanced course work in a variety of disciplines; to develop the skills necessary to study human-environment interactions; and to encourage participation in experiential learning activities that help students prepare for active participation in the work force and in local and global communities. Students should have a strong foundation in written and verbal skills.

Courses applied to the major, except environmental studies courses numbered 401 through 409, must be taken for letter grades and passed with grades of C– or better. As many as four upper-division courses may be used to fulfill requirements of another major. At least 24 credits must be taken at the University of Oregon.

Bachelor of Arts in Environmental Studies

Upper-division credit may be earned through course work or through a combination of course work and an honors thesis. Major requirements sheets containing detailed information about specific courses that meet the major requirements are available on the program website (http://envs.uoregon.edu/undergrad/envsfocus), in the program office, or from an environmental studies advisor.

Lower-Division Core Courses		
ENVS201	Introduction to Environmental Studies: Social Sciences	4
ENVS202	Introduction to Environmental Studies: Natural Sciences	4
ENVS203	Introduction to Environmental Studies: Humanities	4
Lower-Division Mathematics and Science Courses		
MATH111	College Algebra [1]	4
Approved statistics course		4
Approved introductory sequence in natural science		12
Course from different natural science sequence or from the list of approved science courses		4
Upper-Division Natural Science Courses		
Two upper-division natural science courses from the major requirements sheet		8
Upper-Division Social Science, Policy, Humanities, and Design Courses		
Social science core course		4
Policy core course		4
Humanities core course		4
Design core course		4
Six additional courses: three from one of the above areas; three from another		24
Environmental Issues Course		
ENVS411	Environmental Issues: [Topic]	4
orENVS425	Environmental Education Theory and Practice	
orENVS427	Environmental and Ecological Monitoring	
Practical Learning Experience		
Choose from one of several approved practical learning experience options. These include internships, participation in the Environmental Leadership Program, research experiences with UO faculty members, honors thesis, courses at field stations, study abroad opportunities, or IE3 internships.		4
Total Credits		**92**

1 Recommended course; however, a university-level mathematics course numbered 100 or higher fulfills the requirement.

Bachelor of Science in Environmental Studies

Lower-Division Core Courses		
ENVS201	Introduction to Environmental Studies: Social Sciences	4
ENVS202	Introduction to Environmental Studies: Natural Sciences	4
ENVS203	Introduction to Environmental Studies: Humanities	4
Lower-Division Mathematics and Science Courses		
MATH111	College Algebra [1]	4
Approved statistics course		4
Approved introductory sequence in natural science		12
Course from different natural science sequence or from the list of approved science courses		4
Upper-Division Natural Science Courses		
Two upper-division natural science courses from the major requirements sheet		8
Upper-Division Social Science, Policy, Humanities, and Design Courses		
Social science core course		4
Policy core course		4
Humanities core course		4
Design core course		4
Six additional courses: three from one of the above areas; three from another		24
Environmental Issues Course		
ENVS411	Environmental Issues: [Topic]	4
orENVS425	Environmental Education Theory and Practice	
orENVS427	Environmental and Ecological Monitoring	
Practical Learning Experience		
Choose from one of several approved practical learning experience options. These include internships, participation in the Environmental Leadership Program, research experiences with UO faculty members, honors thesis, courses at field stations, study abroad opportunities, or IE3 internships.		4
Total Credits		**92**

1 Recommended course; however, a university-level mathematics course numbered 100 or higher fulfills the requirement.

Bachelor of Arts in Environmental Science

The major requires a minimum of 112 credits including 60 upper-division credits. Upper-division credits may be earned through course work or through a combination of course work and an honors thesis. Sample course plans are available on the program's website. Major requirements sheets containing detailed information about specific courses that meet the major requirements are available in the program office, from an environmental science advisor, or on the program website (http://envs.uoregon.edu/undergrad/escifocus).

Lower-Division Core Courses		
ENVS201	Introduction to Environmental Studies: Social Sciences	4
ENVS203	Introduction to Environmental Studies: Humanities	4
Mathematics and Statistics Courses		
MATH246–247	Calculus for the Biological Sciences I-II	8
orMATH251–252	Calculus I-II	
Approved statistics course		4
Approved course in analytical approaches		4
Lower-Division Introductory Science Sequences		
Two introductory sequences in focal area		24
Up to three approved introductory courses in nonfocal area [1]		12
Upper-Division Natural Science Courses		
Six upper-division natural science courses in focal area (life sciences or earth and physical sciences)		24
At least two upper-division courses in nonfocal area [1]		8
Upper-Division Social Science, Policy, Humanities, and Design Courses		
Three courses from the areas of social science, policy, humanities, or design (no more than one course per area)		12
Environmental Issues Course		
ENVS411	Environmental Issues: [Topic]	4
orENVS425	Environmental Education Theory and Practice	
orENVS427	Environmental and Ecological Monitoring	
Practical Learning Experience		
Choose from one of several approved practical learning experience options. These include internships, participation in the Environmental Leadership Program, research experiences with UO faculty members, honors thesis, and courses at field stations.		4
Total Credits		**112**

1 Five courses total are required for nonfocal area.

Bachelor of Science in Environmental Science

Lower-Division Core Courses		
ENVS201	Introduction to Environmental Studies: Social Sciences	4
ENVS203	Introduction to Environmental Studies: Humanities	4
Mathematics and Statistics Courses		
MATH246–247	Calculus for the Biological Sciences I-II	8
orMATH251–252	Calculus I-II	
Approved statistics course		4
Approved course in analytical approaches		4
Lower-Division Introductory Science Sequences		
Two introductory sequences in focal area		24
Up to three approved introductory courses in nonfocal area [1]		12
Upper-Division Natural Science Courses		
Six upper-division natural science courses in focal area (life sciences or earth and physical sciences)		24
At least two upper-division courses in nonfocal area [1]		8
Upper-Division Social Science, Policy, Humanities, and Design Courses		

Three courses from the areas of social science, policy, humanities, or design (no more than one course per area)		12
Environmental Issues Course		
ENVS411	Environmental Issues: [Topic]	4
orENVS425	Environmental Education Theory and Practice	
orENVS427	Environmental and Ecological Monitoring	
Practical Learning Experience		
Choose from one of several approved practical learning experience options. These include internships, participation in the Environmental Leadership Program, research experiences with UO faculty members, honors thesis, and courses at field stations.		4
Total Credits		**112**

1 Five courses total are required for nonfocal area.

Options for Majors

Environmental Leadership Program

Through the Environmental Leadership Program, students team up with local businesses, nonprofit organizations, and government agencies to work on environmental projects. Students learn professional research, writing, and presentation skills as they develop a network of professional relationships in the region. Participants make a two- or three-term commitment, for which they earn 8–12 upper-division credits. These credits satisfy upper-division requirements for the environmental studies and environmental science majors.

Internships

By offering academic credit for environmentally focused work experience, the internship program allows students to connect their academic studies with practical applications. Internship positions must involve significant work with an environmental focus. Potential internship sponsors include public interest nonprofits, government agencies, and private corporations. Students are expected to be self-motivated and arrange their own positions in their areas of particular interest. However, if a student needs assistance finding an appropriate position program, the internship coordinator can help identify potential opportunities. Students may take 18 credits of Field Studies: [Topic] (ENVS196), Internship: [Topic] (ENVS404), or both. To fulfill the practical learning experience requirement, students take 4 credits (which translates to 120 hours) of internship service.

Honors

Students who want to graduate with honors in environmental science or environmental studies must have a 3.30 overall grade point average (GPA) and a 3.50 GPA in courses required for the major. Honors candidates must also complete a research-based thesis or creative project under the direction of a faculty advisor. Students preparing to graduate with honors should notify their advisor no later than the first term of their senior year.

Honors students who are not enrolled in the Clark Honors College must earn 8 credits of Research: [Topic] (ENVS401), Thesis (ENVS403), or both in environmental studies or another appropriate department. These credits must be distributed over at least two terms. Environmental science majors may substitute these credits for one upper-division natural science elective, environmental studies majors for one upper-division social science or humanities elective. This can also count for the practical learning experience requirement.

Environmental Studies Minor

The interdisciplinary minor in environmental studies includes three lower-division courses and five upper-division elective courses for a minimum of 32 credits. Courses applied to the minor must be taken for letter grades and passed with grades of C– or better. At least 16 of the 40 credits must be taken at the University of Oregon. No more than 8 upper-division credits from the major may be applied to minor requirements. With the advisor's consent, an environmental issues course and a practical learning experience may be substituted for one of the elective courses. Students may also submit a petition to their advisor to substitute one upper-division course for one of the required lower-division courses.

Required Courses		
ENVS201	Introduction to Environmental Studies: Social Sciences	4
ENVS202	Introduction to Environmental Studies: Natural Sciences	4
ENVS203	Introduction to Environmental Studies: Humanities	4
Advanced Course Requirements		
One upper-division natural science course from the major requirements sheet		4
Four electives from areas of social science, policy, humanities or design		16
Total Credits		**32**

Kindergarten through Secondary Teaching Careers

Students who complete a bachelor's degree with a major in environmental studies or environmental science are eligible to apply for the College of Education's fifth-year licensure program in middle-secondary teaching or the fifth-year licensure program to become an elementary teacher. More information is available from the department's undergraduate advisor; see also the College of Education (p. 526) section in this catalog.

- **Master of Arts**
- **Master of Science**
- **Doctor of Philosophy**

Graduate Studies

The Environmental Studies Program offers graduate study leading to the degrees of master of arts (MA) or master of science (MS) in environmental studies, and an interdisciplinary doctor of philosophy (PhD) degree in environmental sciences, studies, and policy.

Students choose courses offered in appropriate disciplines to design a course plan based on individual goals and backgrounds.

Some financial support for graduate students in the Environmental Studies Program is available through graduate teaching fellowships. Support generally consists of a stipend, health insurance, and a tuition waiver.

Application instructions and materials are available on the program's website.

Application Deadline

Applicants for admission to the master's program must submit all necessary materials online by January 15. New students are accepted for fall term only.

Master of Arts Degree in Environmental Studies

The master of arts degree requires demonstrated proficiency in a second language.

Environmental studies graduate core sequence [1]	9
Concentration area course work [2]	24
Electives	12
Thesis or terminal project [3]	12
Total Credits	**57**

1. First year.
2. Graduate-level courses related to environmental studies in each of two 12-credit concentration areas.
3. Public defense or presentation required.

Master of Science Degree in Environmental Studies

Environmental studies graduate core sequence [1]	9
Concentration area course work [2]	24
Electives	12
Thesis or terminal project [3]	12
Total Credits	**57**

1. First year.
2. Graduate-level courses related to environmental studies in each of two 12-credit concentration areas.
3. Public defense or presentation required.

Concurrent Master's Degrees Programs

Environmental studies students may obtain concurrent degrees in other disciplines. Applicants must apply separately to each program. For more information, contact the program office.

Doctor of Philosophy Degree in Environmental Sciences, Studies, and Policy

The interdisciplinary PhD degree is offered by the Environmental Studies Program under the umbrella of the Joint-Campus Graduate Program in Environmental Sciences, Studies, and Policy, established by Oregon State University, Portland State University, and the University of Oregon.

The environmental sciences, studies, and policy program takes four or more years of study after earning the master's degree.

Admissions Procedure

Admission to the PhD program must be granted by the Environmental Studies Program and approved by the focal department—another University of Oregon academic unit, chosen by the applicant, that offers a PhD degree. Applications are reviewed independently by the admissions committee in the Environmental Studies Program and in the focal department. Both committees must approve the application before the applicant can be accepted into the program. The online application must be completed and submitted by December 1 for the following fall admission.

Doctor of Philosophy Degree Requirements

Focal department course work [1]		NaN
Environmental studies course work [2]		32
Focal department assessment of competence [3]		
Interdisciplinary assessment of competence [3]		
ENVS603	Dissertation	18

1. Completion of graduate course work as established by the focal department, which includes basic graduate-level proficiency in research methods appropriate to the designated focal discipline.
2. Courses taken in departments or programs outside the focal department. First-year students participate in a sequence of courses required of all incoming environmental studies graduate students.
3. The term "assessment of competence" is used in lieu of "comprehensive examination" in recognition of the different ways in which departments engage in such assessments.

PhD students must satisfy breadth and concentration requirements established by the Environmental Studies Program and the focal department. Working with an advisory committee, each student customizes a plan of action for completion of the degree.

Requirements may vary depending on the chosen focal department. In addition to the course work, candidates are required to complete and defend a written dissertation and receive approval of the dissertation by a committee chosen in accordance with Graduate School regulations. The committee must have at least five members. The chair and two additional members must be from the focal department. At least three members of the committee must be participants in the Environmental Studies Program.

Graduate Courses

Graduate students typically choose courses that contribute to their individual environmental focus from the Departments of Anthropology; Architecture; Biology; Chemistry and Biochemistry; Economics; English; Geography; Geological Sciences; History; Landscape Architecture; Philosophy; Physics; Planning, Public Policy and Management; Political Science; Psychology; and Sociology; from the International Studies Program; from the School of Law; and others. Consult the individual department listings in this catalog for course descriptions.

Courses

ENVS196. Field Studies: [Topic]. 1-5 Credits.
Repeatable.

ENVS198. Laboratory Projects: [Topic]. 1-2 Credits.
Repeatable.

ENVS199. Special Studies: [Topic]. 1-5 Credits.
Repeatable.

ENVS201. Introduction to Environmental Studies: Social Sciences. 4 Credits.
Contributions of the social sciences to analysis of environmental problems. Topics include human population, the relationship between social institutions and environmental problems, and appropriate political, policy, and economic processes.

ENVS202. Introduction to Environmental Studies: Natural Sciences. 4 Credits.
Contributions of the natural sciences to analysis of environmental problems. Topics include biological processes, ecological principles, chemical cycling, ecosystem characteristics, and natural system vulnerability and recovery.

ENVS203. Introduction to Environmental Studies: Humanities. 4 Credits.
Contributions of the humanities and arts to understandings of the environment. Emphasis on diverse ways of thinking, writing, creating, and engaging in environmental discourse.

ENVS225. Introduction to Food Studies. 4 Credits.
An exploration of the field of "food studies" and examination of the role of food in historical and contemporary life in the US and around the world.

ENVS298. Temporary Group-Satisfying Course. 4 Credits.

ENVS335. Allocating Scarce Environmental Resources. 4 Credits.
Considerations for the design of environmental and natural resources policies and regulations: balancing society's preferences and the costs of environmental protection and resource conservation.
Prereq: MATH 105 or higher.

ENVS345. Environmental Ethics. 4 Credits.
Key concepts and various moral views surveyed; includes anthropocentrism, individualism, ecocentrism, deep ecology, and ecofeminism. Exploration includes case studies and theory.

ENVS350. Ecological Footprint of Energy Generation. 4 Credits.
Detailed study of the ecological consequences of all forms of energy generation including fossil fuels and alternative energy sources. Open to environmental science, environmental studies, and planning, public policy and management majors only.
Prereq: ENVS 201, MATH 112.

ENVS355. Environmental Data Analysis and Modeling. 4 Credits.
Statistical methods of data modeling and analysis with specific application to environmental data sets.
Prereq: MATH 252 or equivalent.

ENVS375. Oregon Seminar. 4 Credits.
Students broaden and deepen their understanding of the materials presented in three linked courses: BI 372 Field Biology, GEOL 308 Geology of Oregon and the Pacific Northwest, and HIST 473 American Environmental History: [Topic]. Offered alternate years.
Prereq: junior or senior standing.

ENVS399. Special Studies: [Topic]. 1-5 Credits.
Repeatable.

ENVS401. Research: [Topic]. 1-12 Credits.
Repeatable.

ENVS403. Thesis. 1-8 Credits.
Repeatable.

ENVS404. Internship: [Topic]. 1-12 Credits.
Repeatable.
Prereq: Instructor's approval.

ENVS405. Reading and Conference: [Topic]. 1-18 Credits.
Repeatable.

ENVS406. Field Studies: [Topic]. 1-12 Credits.
Repeatable.

ENVS407. Seminar: [Topic]. 1-5 Credits.
Repeatable.

ENVS408. Workshop: [Topic]. 1-8 Credits.
Repeatable.

ENVS409. Practicum: [Topic]. 1-12 Credits.
Repeatable.

ENVS410. Experimental Course: [Topic]. 1-5 Credits.
Repeatable.

ENVS411. Environmental Issues: [Topic]. 4 Credits.
In depth examination of a particular environmental topic such as global warming, ecosystem restoration, energy alternatives, geothermal development, public lands management, or environmental literature. Repeatable twice when topic changes for maximum of 12 credits.
Prereq: junior or senior standing.

ENVS425. Environmental Education Theory and Practice. 4 Credits.
Learning theories, environmental literacy, and the planning, implementation, and evaluation of environmental education programs. Development of teaching materials in collaboration with a community partner for group project.
Prereq: instructor's approval.

ENVS427. Environmental and Ecological Monitoring. 4 Credits.
Theory, design, and practice of monitoring sampling mapping, field techniques, data collection, management, analysis and presentation methods, local case studies.

ENVS429. Environmental Leadership: [Topic]. 1-4 Credits.
Partnering with governmental agencies, nonprofit organizations, public schools and local businesses, students develop service learning projects. Repeatable when topic changes.
Prereq: instructor's approval.

ENVS435. Environmental Justice. 4 Credits.
Environmental justice and its impact on current decisions. Focus on civil rights law, perception of risk, and relation of sustainability and equity.
Prereq: ENVS 201.

ENVS440. Environmental Aesthetics. 4 Credits.
Explores aesthetic experience of nature through philosophical perspective; emphasizes nature and art; beauty and the sublime; embodiment, culture, and science; and ethics, conservation, and preservation.
Prereq: ENVS 345 or PHIL 340.

ENVS450. Political Ecology. 4 Credits.
Examines how social relations and economic, social, and cultural control of natural resources shape human interactions with the environment. Theory and case studies.
Prereq: ENVS 201.

ENVS455. Sustainability. 4 Credits.
Examines the evolution of the concept of sustainability and its complex and sometimes problematic uses among scholars, policymakers, environmentalists, and businesses.
Pre- or coreq: ENVS 201; junior or senior standing.

ENVS465. Wetland Ecology and Management. 4 Credits.
Examines management, law, and policies related to wetlands in an ecological framework; includes wetland type definitions, classification, distribution, formation and development, and restoration.
Prereq: BI 307 or BI 370 or GEOG 360.

ENVS467. Sustainable Agriculture. 4 Credits.
Examines sustainability issues in agricultural production and current food systems. Focuses on environmental aspects of seed, water, soil, energy, and pest management.
Prereq: ENVS 201 or 202.

ENVS477. Soil Science. 4 Credits.
Chemical and physical characteristics and classification of soils, field soil identification, soil degradation.
Prereq: CH 111 or 221 or 224H.

ENVS503. Thesis. 1-16 Credits.
Repeatable.

ENVS507. Seminar: [Topic]. 1-5 Credits.
Repeatable.

ENVS508. Workshop: [Topic]. 1-8 Credits.
Repeatable.

ENVS510. Experimental Course: [Topic]. 1-5 Credits.
Repeatable.

ENVS511. Environmental Issues: [Topic]. 4 Credits.
In-depth examination of a particular environmental topic such as global warming, ecosystem restoration, energy alternatives, geothermal development, public lands management, or environmental literature. Repeatable twice when topic changes for maximum of 12 credits.

ENVS525. Environmental Education Theory and Practice. 4 Credits.
Learning theories, environmental literacy, and the planning, implementation, and evaluation of environmental education programs. Development of teaching materials in collaboration with a community partner for group project.

ENVS535. Environmental Justice. 4 Credits.
Environmental justice and its impact on current decisions. Focus on civil rights law, perception of risk, and relation of sustainability and equity.

ENVS540. Environmental Aesthetics. 4 Credits.
Explores aesthetic experience of nature through philosophical perspective; emphasizes nature and art; beauty and the sublime; embodiment, culture, and science; and ethics, conservation, and preservation.

ENVS550. Political Ecology. 4 Credits.
Examines how social relations and economic, social, and cultural control of natural resources shape human interactions with the environment. Theory and case studies.

ENVS555. Sustainability. 4 Credits.
Examines the evolution of the concept of sustainability and its complex and sometimes problematic uses among scholars, policymakers, environmentalists, and businesses.

ENVS565. Wetland Ecology and Management. 4 Credits.
Examines management, law, and policies related to wetlands in an ecological framework; includes wetland type definitions, classification, distribution, formation and development, and restoration.

ENVS567. Sustainable Agriculture. 4 Credits.
Examines sustainability issues in agricultural production and current food systems. Focuses on environmental aspects of seed, water, soil, energy, and pest management.

ENVS577. Soil Science. 4 Credits.
Chemical and physical characteristics and classification of soils, field soil identification, soil degradation.

ENVS601. Research: [Topic]. 1-16 Credits.
Repeatable.

ENVS602. Supervised College Teaching. 1-5 Credits.
Repeatable.

ENVS603. Dissertation. 1-16 Credits.
Repeatable.

ENVS604. Internship: [Topic]. 1-5 Credits.
Repeatable for maximum of 10 credits.

ENVS605. Reading and Conference: [Topic]. 1-16 Credits.
Repeatable.

ENVS606. Field Studies: [Topic]. 1-16 Credits.
Repeatable.

ENVS607. Seminar: [Topic]. 1-5 Credits.
Repeatable.

ENVS608. Workshop: [Topic]. 1-16 Credits.
Repeatable.

ENVS609. Terminal Project. 1-16 Credits.
Repeatable.

ENVS610. Experimental Course: [Topic]. 1-5 Credits.
Repeatable. A recent topic is Interdisciplinary Capstone Project.

ENVS631. Environmental Studies Theory and Practice. 4 Credits.
Introduction to various disciplinary perspectives that contribute to environmental studies, including their research methods, vocabularies, and core concepts.

ENVS632. Environmental Studies Research Methodology. 2 Credits.
Identifying a clear and concise research problem, developing methodology to address that problem, and the process of developing a thorough knowledge of relevant literature.

ENVS633. Environmental Studies Thesis Development. 3 Credits.
Interdisciplinary readings in environmental studies focused on topics chosen by each student in consultation with instructor. Preparation for presentations at the Joint Campus Conference.

Ethnic Studies

Lynn H. Fujiwara, Department Head
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541-346-0904 fax
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5268 University of Oregon
Eugene, Oregon 97403-5268

Ethnic studies examines the construction and context of ethnicity in the United States, highlighting the histories, experiences, and movements of people of color in the Americas. As an element of American identity that cuts across disciplinary categories, ethnicity requires a mode of study that draws on the humanities and the social sciences as well as interdisciplinary sources such as cultural studies.

Ethnic studies scholars investigate race and racism, historical and contemporary manifestations of white supremacy and domination, analyzing how such systems of domination have created, and continue to create, social injustice. While the social construction of race in the United States is at the center of traditional ethnic studies, it is impossible to

discuss racial dynamics without also paying significant attention to issues of gender, class, and sexuality, in addition to studies of immigration, transnational migration, and the diasporic formations resulting from the slave trade, indentured labor, colonialism, postcolonialism, imperialism, and globalization.

Ethnic studies courses that satisfy university general-education requirements are listed under Group Requirements and Multicultural Requirement in the **Bachelor's Degree Requirements** section of this catalog.

Faculty

Charise L. Cheney, associate professor (African American popular and political cultures; Black nationalist ideologies and practices; gender and sexuality). BSJ, 1993, Northwestern; PhD, 1999, Illinois, Urbana-Champaign. (2009)

Lynn H. Fujiwara, associate professor (women of color; feminisms; labor, family, citizenship, immigration, and welfare). See **Women's and Gender Studies**.

Michael Hames-García, professor (prison studies; Chicano, Latino, and African American literatures; race and sexuality). BA, 1993, Willamette; PhD, 1998, Cornell. On leave fall 2013.(2005)

Daniel HoSang, associate professor (racial politics, post-1865 U.S. history; California and the West). BA, 1993, Wesleyan; PhD, 2007, Southern California. On leave fall 2013–winter 2014. (2007).

Brian Klopotek, associate professor (federal recognition of Indian tribes, Native American education, environmentalism). BA, 1994, Yale; PhD, 2004, Minnesota, Twin Cities. (2003)

Ernesto J. Martínez, assistant professor (comparative ethnic literature, U.S. Latino literature, literary theory). See **Women's and Gender Studies**.

Irmary Reyes-Santos, associate professor (transnational Caribbean ethnic studies, cultural studies, globalization). BA, 2001, Puerto Rico, Mayaguez; PhD, 2007, California, San Diego. (2008)

The date in parentheses at the end of each entry is the first year on the University of Oregon faculty.

Participating

Kirby Brown, English

La Donna Forsgren, theater arts

Loren Kajikawa, music

Joseph E. Lowndes, political science

Michael Malek Najjar, theater arts

Edward Olivos, education studies

Jeffrey Ostler, history

Priscilla P. Ovalle, English

Gerardo Sandoval, planning, public policy and management

Lynn Stephen, anthropology

Melissa N. Stuckey, history

Courtney Thorsson, English

Jessica M. Vasquez, sociology

David J. Vazquez, English

- **Bachelor of Arts**
- **Bachelor of Science**
- **Minor**

Undergraduate Studies

Students may earn a major or minor in ethnic studies. A secondary goal of the program is to encourage student awareness of the ethnic and culture-based dimensions and applications of other major fields. Students of literature, social sciences, education, urban planning, art history, humanities, and international studies—to name only a few—find that related ethnic studies courses can enrich their academic programs.

Courses applied to a major or minor in ethnic studies may not be used to satisfy major or minor requirements for other programs.

Upper-division courses with related subject matter offered in other departments may be included in an ethnic studies major or minor program by arrangement with a course's instructor and the department head.

Specific details and course approvals must be obtained from the Department of Ethnic Studies.

Bachelor of Arts Degree Requirements

Lower Division		
ES101	Introduction to Ethnic Studies	4
Select one of the following:		4
ES250	Introduction to African American Studies	
ES252	Introduction to Asian American Studies	
ES254	Introduction to Chicano and Latino Studies	
ES256	Introduction to Native American Studies	
Additional 100- or 200-level course		4
Upper Division		
Six 300- or 400-level courses		24
ES301	Theoretical Perspectives in Ethnic Studies	4
ES498	Interdisciplinary Research Methods	4
ES499	Ethnic Studies Proseminar	4
Total Credits		**48**

Bachelor of Science in Ethnic Studies

Lower Division		
ES101	Introduction to Ethnic Studies	4
Select one of the following:		4
ES250	Introduction to African American Studies	
ES252	Introduction to Asian American Studies	
ES254	Introduction to Chicano and Latino Studies	
ES256	Introduction to Native American Studies	
Additional 100- or 200-level course		4
Upper Division		

Six 300- or 400-level courses		24
ES301	Theoretical Perspectives in Ethnic Studies	4
ES498	Interdisciplinary Research Methods	4
ES499	Ethnic Studies Proseminar	4
Total Credits		**48**

Majors must construct their programs in consultation with an ethnic studies advisor. At least 24 of the required upper-division credits must be taken in residence at the University of Oregon. Courses applied to the major must be taken for letter grades and passed with grades of mid-C or better. Majors must maintain a grade point average of at least 2.00 in courses applied to the major. Students majoring in ethnic studies may apply credits in Research: [Topic] (ES401) and Reading and Conference: [Topic] (ES405) toward their degree only if completed with letter grades of mid-C or better. Practicum: [Topic] (ES409) may be applied toward the major on a graded or pass/no pass basis.

Minor in Ethnic Studies

Lower Division		
ES101	Introduction to Ethnic Studies	4
Two 200-level courses with ES subject code		8
Upper Division		
Four approved courses, including two with ES subject code		16
Total Credits		**28**

Upper-division courses must be taken in residence at the University of Oregon. The minor program must be planned in consultation with an ethnic studies advisor at least two terms before graduation. Courses applied to the minor must be taken for letter grades and passed with grades of mid-C or better. Students minoring in ethnic studies may apply credits in Research: [Topic] (ES401) and Reading and Conference: [Topic] (ES405) only if completed with letter grades of mid-C or better. Credits inPracticum: [Topic] (ES409) may be applied toward the minor on a graded or pass/no pass basis.

Courses

ES100. Temporary Group-Satisfying Course. 4 Credits.

ES101. Introduction to Ethnic Studies. 4 Credits.
Multidisciplinary study focuses on Americans of African, Asian, Latino, and Native American descent. Topics include group identity, language in society and culture, forms of resistance, migration, and social oppression.

ES196. Field Studies: [Topic]. 1-2 Credits.
Repeatable.
Prereq: approval of program administrators.

ES198. Colloquium: [Topic]. 1-2 Credits.
Repeatable.

ES199. Special Studies: [Topic]. 1-5 Credits.
Repeatable.

ES250. Introduction to African American Studies. 4 Credits.
Focuses on historical, cultural, and social issues in African America and surveys scholarship in African American studies.

ES252. Introduction to Asian American Studies. 4 Credits.
Focuses on historical, cultural, and social issues in Asian America and surveys scholarship in Asian American studies.

ES254. Introduction to Chicano and Latino Studies. 4 Credits.
Focuses on historical, social, and cultural issues in Chicano and Latino communities and surveys scholarship in Chicano and Latino studies. Offered fall term only.

ES256. Introduction to Native American Studies. 4 Credits.
Focuses on historical, social, and cultural issues in Native America and surveys scholarship in Native American studies.

ES301. Theoretical Perspectives in Ethnic Studies. 4 Credits.
Introduction to contemporary theoretical frameworks in the discipline of ethnic studies. Offered fall term only.
Prereq: ES 101; one from ES 250, 252, 254, or 256.

ES310. Race and Popular Culture: [Topic]. 4 Credits.
Examines the interface between race and popular culture, surveying the historical development, political significance, and social influence ofpopular culture in the United States. Repeatable four times for a maximum of 20 credits when topic changes. Offered alternate years.
Prereq: one from ES 101, 250, 252, 254, 256.

ES330. Women of Color: Issues and Concerns. 4 Credits.
Contemporary social issues and feminism among women of color in the United States.
Prereq: ES 101 or 102 recommended.

ES345M. Music, Politics, and Race. 4 Credits.
Examines a variety of musical forms and their relationship to histories of racial and social justice, inequality, and political movements. Offered alternate years. Multilisted with MUS 345M.

ES350. Native Americans and the Environment. 4 Credits.
Critical issues in Native American environmentalism.
Prereq: ES 101 or 256 recommended.

ES352. Social Equity and Criminal Justice. 4 Credits.
Critical issues related to police, prisons, criminal justice, and racial and gender inequalities.

ES370. Race, Ethnicity, and Cinema: [Topic]. 4 Credits.
Examines the history and politics of race, ethnicity, and indigenousness in relation to film, including questions of production, distribution, and reception in the United States. Repeatable four times for a maximum of 20 credits when topic changes. Offered alternate years.
Prereq: one from ES 101, 250, 252, 254, 256.

ES399. Special Studies: [Topic]. 1-5 Credits.
Recent topics include Caribbean Migrations; Asian American Women; Critical Whiteness Studies; Native Americans and Film; Asian Diasporas; Race and Resistance in United States History.

ES401. Research: [Topic]. 1-21 Credits.
Repeatable.
Prereq: majors or minors only.

ES404. Internship: [Topic]. 1-12 Credits.
Repeatable.

ES405. Reading and Conference: [Topic]. 1-21 Credits.
Repeatable.
Prereq: majors or minors only.

ES407. Seminar: [Topic]. 1-5 Credits.
Repeatable.
Prereq: ES 101 or 102.

ES409. Practicum: [Topic]. 1-21 Credits.
Repeatable.
Prereq: majors or minors only.

ES410. Experimental Course: [Topic]. 1-5 Credits.
Repeatable.
Prereq: ES 101 or 102.

ES440. Race, Literature, and Culture: [Topic]. 4 Credits.
Examines race, literature, and culture from an interdisciplinary perspective. Repeatable four times for a maximum of 20 credits when topic changes. Offered alternate years.
Prereq: ES 101, 250, 252, 254, or 256 recommended.

ES442. Caribbean Literature and Politics. 4 Credits.
Discusses how Caribbean diaspora literature employs themes of colonialism, sexuality, racism, migration, state violence, nationalism, and identity.
Prereq: ES 101.

ES450. Race and Incarceration. 4 Credits.
Introduces several key questions necessary for understanding the crisis of prisons and incarceration in the United States, with an emphasis on race, gender, and class.
Prereq: ES 101.

ES452. Race and Ethnicity and the Law: [Topic]. 4 Credits.
Addresses issues of social justice and the participation of Asian Americans, African Americans, Chicanos and Latinos, and Native Americans in the legal system. Repeatable when topic changes.
Prereq: ES 101 or 102.

ES456. History of Native American Education. 4 Credits.
Examines the historical conflict between traditional culture and knowledge transmission among Native Americans and the assimilationist educational system and practices of Euro-American culture. Offered alternative years.
Prereq: ES 101 or 102.

ES460. Race, Culture, Empire: [Topic]. 4 Credits.
Examines how racial discourses have informed United States domestic and foreign policy, with special attention on cultural representations of U.S. colonialism and imperialism. Repeatable four times for a maximum of 20 credits when topic changes. Offered alternate years.
Prereq: one from ES 101, 250, 252, 254, 256.

ES498. Interdisciplinary Research Methods. 4 Credits.
Prepares majors for independent research in ethnic studies. Examines interdisciplinary methods for research on race and ethnicity. Offered winter term only.
Prereq: completion of required courses for ethnic studies major, except ES 499; majors or minors only.

ES499. Ethnic Studies Proseminar. 4 Credits.
Capstone seminar. Focuses on concluding work and experience in ethnic studies through independent research, preparation and presentation of research paper. Offered spring term only.
Prereq: ES 498; majors only.

ES507. Seminar: [Topic]. 1-5 Credits.
Repeatable.

ES510. Experimental Course: [Topic]. 1-5 Credits.
Repeatable.

ES540. Race, Literature, and Culture: [Topic]. 4 Credits.
Examines race, literature, and culture from an interdisciplinary perspective. Repeatable four times for a maximum of 20 credtis when topic changes. Offered alternate years.

ES542. Caribbean Literature and Politics. 4 Credits.
Discusses how Caribbean diaspora literature employs themes of colonialism, sexuality, racism, migration, state violence, nationalism, and identity.

ES550. Race and Incarceration. 4 Credits.
Introduces several key questions necessary for understanding the crisis of prisons and incarceration in the United States, with an emphasis on race, gender, and class.

ES552. Race and Ethnicity and the Law: [Topic]. 4 Credits.
Addresses issues of social justice and the participation of Asian Americans, African Americans, Chicanos and Latinos, and Native Americans in the legal system. Repeatable when topic changes.

ES556. History of Native American Education. 4 Credits.
Examines the historical conflict between traditional culture and knowledge transmission among Native Americans and the assimilationist educational system and practices of Euro-American culture. Offered alternative years.

ES560. Race, Culture, Empire: [Topic]. 4 Credits.
Examines how racial discourses have informed United States domestic and foreign policy, with special attention on cultural representations of U.S. colonialism and imperialism. Repeatable four times for a maximum of 20 credits when topic changes. Offered alternate years.

ES605. Reading and Conference: [Topic]. 1-9 Credits.
Repeatable.

ES607. Seminar: [Topic]. 1-5 Credits.
Repeatable.

ES610. Experimental Course: [Topic]. 1-5 Credits.
Repeatable.

European Studies

Craig Parsons, Program Director
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175 Prince Lucien Campbell Hall
5206 University of Oregon
Eugene, Oregon 97403-5206

European studies offers an interdisciplinary minor for undergraduates in any major or professional school discipline. The program is designed for students who seek to enhance work in the major with a broad and comparative knowledge of Europe. The minor designates a student's special expertise in the subject as having acquired a knowledge of Europe beyond that of a single discipline or that concentrated on one country or part of Europe.

The program combines a small number of required core courses that address cross-national topics over a broad sweep of time. Elective courses, chosen by the student with the advice of a member of the European Studies Committee, ensure some diversity beyond the field of the student's major.

European Studies Committee

Patricia Dewey Lambert, arts and administration

Evlyn Gould, Romance languages

Gina Herrmann, Romance languages

Nathalie Hester, Romance languages

Scott R. Maier, journalism and communication

Ian F. McNeely, history

Fabienne Moore, Romance languages

Alexander B. Murphy, geography

Craig Parsons, political science (chair)

George J. Sheridan Jr., history

Priscilla Southwell, political science

Michael Stern, German and Scandinavian

Undergraduate Studies

Minor in European Studies

The College of Arts and Sciences administers an undergraduate minor in European studies, overseen by the program committee.

To earn a minor, a student must complete a total of 36 credits, 24 of which must be at the upper-division level, as well as a paper or project on a European topic as described below.

The courses that satisfy the minor are distributed as follows: two core courses, four elective courses, and two to three years of a European foreign language. Core and elective courses applied to the minor must be taken for letter grades and passed with grades of C– or better.

Students seeking to qualify for a minor should, as early as possible, consult the program director, who will assign the student an advisor. Developing the plan for elective courses with the advisor's help ensures that the courses selected satisfy the minor requirements.

No later than two terms before graduation, the student must notify the advisor of intent to graduate for verification of European studies course work and transcript evaluation. The student must also indicate the European studies minor on the application for graduation. Students must complete major requirements for an undergraduate degree in another department or school of the university.

Core Courses [1]		
GEOG202	Geography of Europe	4
HIST420	The Idea of Europe (or equivalent) [2]	4
Electives [1]		
Two 300- or 400-level humanities courses [3]		8
Two 300- or 400-level social science courses [3]		8
Foreign Language Requirement		
Two to three years of a European foreign language [4]		12
Total Credits		**36**

1. At least three of the six courses taken to satisfy core and elective course requirements must be taken outside the student's major. With the advisor's approval, exceptions can be made for double majors and for certain interdisciplinary majors, especially international studies and humanities.
2. Four of the 8 credits must be at the upper-division level.
3. Courses preapproved are listed on the program website. Substitutions may be made only with the approval of the student's advisor.
4. Students pursuing a certificate in European studies with an emphasis on German language and culture are encouraged to consider combining it with a major in German with a German studies focus, or a German studies minor.

Significant Paper or Project

A research paper on a topic appropriate to the student's interests is the final requirement. For students majoring in disciplines such as music, theater, or the fine arts, a project that draws on these crafts may be substituted for the research paper. The paper or project requirement may be satisfied by work done in the student's major, such as a seminar paper, as long as the content of the paper or project is focused primarily on Europe. The requirement may also be satisfied by a paper done for any of the courses listed below. Students who want to satisfy the requirement in this way must notify the instructor of their intention at the outset of the term so that the instructor can evaluate the paper with this intent in mind. The requirement may also be satisfied by a research paper done under the supervision of a professor in any field for 3 graded credits, such as a paper for Thesis (403). The instructor's agreement to supervise must be obtained in advance, and the 403 subject code may be either in that instructor's department or Thesis (EURO403).

Courses

EURO399. Special Studies: [Topic]. 1-5 Credits.
Repeatable.

EURO403. Thesis. 1-9 Credits.
Repeatable.

EURO405. Reading and Conference: [Topic]. 1-6 Credits.
Repeatable.

EURO407. Seminar: [Topic]. 1-6 Credits.
Repeatable.

EURO410. Experimental Course: [Topic]. 1-6 Credits.
Repeatable.

EURO415. European Union History. 4 Credits.
History, institutions, and policy landmarks of European integration since the end of World War II. Introduction to documents and research on history of European communities.

EURO515. European Union History. 4 Credits.
History, institutions, and policy landmarks of European integration since the end of World War II. Introduction to documents and research on history of European communities.

Folklore

Philip W. Scher, Program Director
541-346-5104
319 Condon Hall

The interdisciplinary Folklore Program offers perspectives on ethnic, regional, occupational, gender, and other traditional identities of individuals in specific societies and cultures. Students in the program study the extent to which traditions enrich and express the dynamics of human behavior throughout the world. Folklore courses examine the historical, cultural, social, political, and economic dimensions of such expressive forms as mythology, legend, folktale, art, music, dance, culinary practices, religion, ritual, and ceremony. Theoretical analyses, research methods, and fieldwork techniques are integral parts of the curriculum.

The Folklore Program offers bachelor of arts,master of arts, and master of science degrees in folklore. An undergraduate minor is also available. Folklore courses cover an extensive range of interdisciplinary topics: cultural heritage, ethnicity, subcultures, popular culture, performance, gender, film, religion, public folklore, and issues of diversity and globalization. Folklore graduates work in public and private agencies as educators, archivists, editors, arts and humanities consultants, museum curators, and festival planners.

Resources

Film and Folklore

A strength of the program is its emphasis on the use of film and video. Training is available in equipment use, fieldwork methodologies, and editing.

Folklore Archive

The Randall V. Mills Archive of Northwest Folklore is a research repository available to folklore scholars and students. It houses raw field data, student and faculty research projects, and audio-visual materials including more than 7,000 slides. Located in 453 Prince Lucien Campbell Hall, the archive is open to the public.

Faculty

John Baumann, instructor (religion, ecology, music, Native American studies).

Martha J. Bayless, professor (Britain, Welsh, Old and Middle English medieval literature and culture). See **English.**

Doug Blandy, professor (art and community service, art and special populations). See **Arts and Administration**.

Dianne M. Dugaw, professor (Britain, ballads and folk song, 18th-century literature). See **English**.

John Fenn, associate professor (ethnomusicology, multimedia and the arts). See **Arts and Administration**.

Lisa M. Gilman, associate professor (gender, performance studies, Africa). See **English**.

D. Gantt Gurley, assistant professor (Scandinavian literature and folklore, Jewish literature and folklore, Old Norse literature). See **German and Scandinavian**.

Habib Iddrisu, assistant professor (Africa, dance, performance). See **Dance**.

Loren Kajikawa, associate professor (ethnomusicology, popular music, Japan). See **Music**.

Dorothee Ostmeier, professor (18th- and 20th-century literature, culture, philosophy). See **German and Scandinavian**.

Philip W. Scher, professor (Caribbean, politics of culture, transnationalism). See **Anthropology**.

Riki H. Saltzman, instructor (public folklore, foodways, ethnicity-identity); executive director, Oregon Folklife Network.

Carol T. Silverman, professor (performance, Eastern Europe, gender). See **Anthropology**.

Lani N. Teves, assistant professor (indigenous studies, performance, gender). See **Women's and Gender Studies**.

Daniel N. Wojcik, professor (alternative religions, subcultures, vernacular arts). See **English**.

Ed Wolf, assistant professor (ethnomusicology, folklore, Latin American studies). See **Music**.

Participating

Ina Asim, history

Bob Bussel, Labor Education and Research Center

Carl R. Bybee, journalism and communication

Sonia De La Cruz, Center for the Study of Women in Society

Matthew Dennis, history

Patricia Dewey Lambert, arts and administration

Keith Eggener, history of art and architecture

Kingston Heath, historic preservation

Kenneth I. Helphand, landscape architecture

Lamia Karim, anthropology

Kenneth B. Liberman, sociology

Gabriela Martinez, journalism and communication

Debra L. Merskin, journalism and communication

Julianne H. Newton, journalism and communication

Jeffrey Ostler, history

Priscilla P. Ovalle, English

Gordon M. Sayre, English

Stephanie Wood, College of Education

Stephen R. Wooten, international studies

- **Bachelor of Arts**
- **Minor**

Undergraduate Studies

Students studying folklore at the UO receive comprehensive training in scholarly approaches and methods for researching, documenting, and presenting traditional arts and cultural practices within the United States and abroad. Students majoring in folklore must earn a minimum of 48 credits, of which 32 must be upper division, and 20 of the 48 must be Folklore (FLR) credits.

Bachelor of Arts in Folklore

FLR250	Introduction to Folklore	4
Three courses from Expressive Forms and Practices list		12
Three courses from Diverse Communities list		12
Electives from Electives list [1]		20

300- or 400-level FLR course requiring fieldwork-based project (paper or film) [2]	
Total Credits	**48**

1 Courses must be taught by faculty members of the Folklore Program.

2 The fieldwork project may be completed in a course that counts for one of the requirements listed in the course list.

Expressive Forms and Practices

Folklore		
FLR320	Car Cultures	4
FLR350	Folklore and the Bible	4
FLR411	Folklore and Religion	4
FLR413	Folk Art and Material Culture	4
FLR415	Folklore and Foodways	4
FLR483	Folklore and Mythology of the British Isles	4
FLR485	Film and Folklore	4
FLR491	Anglo-American Ballad and Folk Song	4
Anthropology		
ANTH365	Food and Culture	4
ANTH419	Performance, Politics, and Folklore	4
ANTH493	Anthropology and Popular Culture	4
Arts and Administration		
AAD250	Art and Human Values	4
AAD301	Understanding Arts and Creative Sectors	4
Dance		
DAN301	Dance in Traditional Cultures: Africa: [Topic]	4
German and Scandinavian		
GER356	German Fairy Tales	4
GER407	Seminar: [Topic] (Magic, Uncanny, Surrealistic, and Fantastic Tales)	1-16
Music		
MUS358	Music in World Cultures	4
MUS359	Music of the Americas	4
MUS360	Hip-Hop Music: History, Culture, Aesthetics	4
MUS365	Regional Ethnomusicology: [Topic]	4
MUS451	Introduction to Ethnomusicology	4
MUS452	Musical Instruments of the World	4
MUS458	Celtic Music	4

Diverse Communities

Folklore		
FLR225	Voices of Africa	4
FLR235	Folklore and the Supernatural	4
MUS365	Regional Ethnomusicology: [Topic]	4
FLR416	African Folklore	4
FLR418	Folklore and Gender	4
Anthropology		
ANTH161	Introduction to Cultural Anthropology	4
ANTH315	Gender, Folklore, Inequality	4
ANTH326	Caribbean Societies	4
ANTH429	Jewish Folklore and Ethnology	4
ANTH430	Balkan Society and Folklore	4
ANTH439	Feminism and Ethnography	4
Music		
MUS349	American Ethnic and Protest Music	3
MUS358	Music in World Cultures	4
MUS359	Music of the Americas	4
MUS453	Folk Music of the Balkans	4
MUS454	Music of India	4
MUS457	Native American Music	4
MUS459	African Music	4
MUS460	Music and Gender	4
MUS462	Popular Musics in the African Diaspora	4

Electives

Courses from the two lists above may count as electives if not fulfilling another requirement.

Folklore		
FLR255	Folklore and United States Popular Culture	4
FLR370	Folklore and Sexuality	4
FLR401	Research: [Topic]	1-6
FLR403	Thesis	1-6
FLR404	Internship: [Topic]	1-8
FLR405	Reading and Conference: [Topic]	1-6
FLR406	Field Studies: [Topic]	1-6
FLR408	Workshop: [Topic]	1-5
FLR409	Practicum: [Topic]	1-6
Anthropology		
ANTH114	Anthropology of Pirates and Piracy	4
ANTH411	Politics, Ethnicity, Nationalism	4
ANTH420	Culture, Illness, and Healing	4
ANTH450	The Anthropology Museum	3
ANTH493	Anthropology and Popular Culture	4
Arts and Administration		
AAD421	Cultural Programming	4
AAD450	Art in Society	4
AAD451	Community Cultural Development	4
AAD462	Cultural Policy	4
AAD465	Marketing the Arts	4
English		
ENG225	Age of King Arthur	4
Music		
MUS390	East European Folk Ensemble	2
Scandanavian		
SCAN259	Vikings through the Icelandic Sagas	4
SCAN325	Constructions versus Constrictions of Identity	4

Students may substitute courses to fulfill requirements with the approval of their major advisor. Programs from other departments or programs offering folklore-related courses include anthropology, arts and administration, classics, dance, English, ethnic studies, German and Scandinavian, historic preservation, humanities, international studies,

journalism and communication, Judaic studies, music, religious studies, Romance languages, theater arts, and women's and gender studies.

Residency Requirement

Twenty-eight credits of upper-division course work for the major must be completed at the University of Oregon.

Advising

Majors should construct their programs in consultation with the director of undergraduate studies. At least two terms before graduation, students who want to apply for a folklore degree should consult the director of undergraduate studies to obtain authorization and course work approval.

Minimum Grade

Course work required for the folklore major, both lower division and upper division, must be passed with grades of C– or better. No more than 8 pass/no pass credits may be applied to the major.

Foreign Language Requirement

Majors must complete the university foreign-language requirement for the BA degree.

Minor in Folklore

Courses

The folklore minor requires the completion of 24 credits. Introduction to Folklore (FLR250) is required of all minors. Remaining courses are selected from the list of courses on the Folklore Program website. Students may substitute courses from other departments to fulfill this requirement with the approval of their minor advisor. Programs from other departments and programs offering folklore-related courses include anthropology, arts and administration, classics, dance, English, ethnic studies, German and Scandinavian, historic preservation, humanities, international studies, journalism and communication, Judaic studies, music, religious studies, Romance languages, theater arts, and women's and gender studies.

Residency Requirement

Sixteen credits of course work for the minor must be completed at the University of Oregon.

Advising

Majors should construct their programs in consultation with the director of undergraduate studies. At least two terms before graduation, students who want to apply for a folklore degree should consult the director of undergraduate studies to obtain authorization and course work approval.

Minimum Grade

Course work required for the folklore minor, both lower division and upper division, must be passed with grades of C– or better. No more than 4 pass/no pass credits may be applied to the folklore minor.

- **Master of Arts: General Folklore**
- **Master of Arts: Public Folklore**
- **Master of Science: General Folklore**
- **Master of Science: Public Folklore**

Graduate Studies

The master of arts (MA) or master of science (MS) degree in folklore is interdisciplinary. In consultation with an advising committee, students take designated courses from faculty members in anthropology, arts and administration, English, folklore, German and Scandinavian, and music in addition to elective courses that strengthen their areas of expertise. A public folklore track is available to students preparing for careers in the public sector. A thesis or terminal project is required for completion of the degree. Students working toward an MA degree must demonstrate competence in a second language.

The Department of English's PhD program offers a structured emphasis in folklore. For more information, see the **English** section of this catalog.

Admission Requirements

1. An undergraduate GPA of at least 3.30 (B+)
2. A minimum score of 153 on the verbal section of the general test of the Graduate Record Examinations (GRE), and a score of 4 or better on the analytical writing section (GRE-AW)
3. For nonnative speakers: a minimum score of 575 on the paper-based Test of English as a Foreign Language (TOEFL) or a minimum score of 88 on the Internet-based test

Application procedures are listed on the program website.

Master of Arts: General Folklore Track (63 credits)

Required Courses		
FLR681	History and Theory of Folklore Research	5
FLR684	Folklore Fieldwork Seminar [1]	5
Interdisciplinary Core Courses [2]		28
Folklore Core Courses		
FLR507	Seminar: [Topic] (Video Production)	
FLR511	Folklore and Religion	
FLR513	Folk Art and Material Culture	
FLR515	Folklore and Foodways	
FLR516	African Folklore	
FLR518	Folklore and Gender	
FLR583	Folklore and Mythology of the British Isles	
FLR585	Film and Folklore	
FLR591	Anglo-American Ballad and Folk Song	
Anthropology Core Courses		
ANTH511	Politics, Ethnicity, Nationalism	
ANTH519	Performance, Politics, and Folklore	
ANTH529	Jewish Folklore and Ethnology	
ANTH530	Balkan Society and Folklore	
ANTH539	Feminism and Ethnography	
ANTH593	Anthropology and Popular Culture	
ANTH611	Ethnographic Research: Epistemology, Methods, Ethics	
ANTH683	Anthropological Linguistics	
Arts and Administration Core Courses		
AAD521	Cultural Programming	
AAD550	Art in Society	

AAD551	Community Cultural Development	
AAD562	Cultural Policy	
AAD565	Marketing the Arts	
German and Scandinavian Core Courses		
GER507	Seminar: [Topic] (Magic, Uncanny, Surrealistic and Fantastic Tales)	
GER625	Translations-Transformations (Fairy Tales on the Move)	
Music Core Courses		
MUS551	Introduction to Ethnomusicology	
MUS552	Musical Instruments of the World	
MUS553	Folk Music of the Balkans	
MUS554	Music of India	
MUS557	Native American Music	
MUS558	Celtic Music	
MUS559	African Music	
MUS560	Music and Gender	
MUS562	Popular Musics in the African Diaspora	
Electives		16
Select courses from the folklore core or outside that bolster areas of student expertise		
Thesis or Terminal Project		
FLR503	Thesis [3]	9
orFLR609	Terminal Project	

1. Or other fieldwork course approved by advising committee.
2. 12 of the 28 credits must be earned in folklore (FLR) courses.
3. Students complete a thesis or terminal project based on original research. The number of thesis or terminal project credits that a candidate may complete has no maximum, although only 9 credits count toward the degree.

Courses are chosen in consultation with the student's advising committee. Students may substitute courses not listed above to fulfill requirements with the approval of their advising committee.

Master of Science: General Folklore Track (63 credits)

Required Courses		
FLR681	History and Theory of Folklore Research	5
FLR684	Folklore Fieldwork Seminar [1]	5
Interdisciplinary Core Courses [2]		28
Folklore Core Courses		
FLR507	Seminar: [Topic] (Video Production)	
FLR511	Folklore and Religion	
FLR513	Folk Art and Material Culture	
FLR515	Folklore and Foodways	
FLR516	African Folklore	
FLR518	Folklore and Gender	
FLR583	Folklore and Mythology of the British Isles	
FLR585	Film and Folklore	
FLR591	Anglo-American Ballad and Folk Song	
Anthropology Core Courses		
ANTH511	Politics, Ethnicity, Nationalism	
ANTH519	Performance, Politics, and Folklore	
ANTH529	Jewish Folklore and Ethnology	
ANTH530	Balkan Society and Folklore	
ANTH539	Feminism and Ethnography	
ANTH593	Anthropology and Popular Culture	
ANTH611	Ethnographic Research: Epistemology, Methods, Ethics	
ANTH683	Anthropological Linguistics	
Arts and Administration Core Courses		
AAD521	Cultural Programming	
AAD550	Art in Society	
AAD551	Community Cultural Development	
AAD562	Cultural Policy	
AAD565	Marketing the Arts	
German and Scandinavian Core Courses		
GER507	Seminar: [Topic] (Magic, Uncanny, Surrealistic and Fantastic Tales)	
GER625	Translations-Transformations (Fairy Tales on the Move)	
Music Core Courses		
MUS551	Introduction to Ethnomusicology	
MUS552	Musical Instruments of the World	
MUS553	Folk Music of the Balkans	
MUS554	Music of India	
MUS557	Native American Music	
MUS558	Celtic Music	
MUS559	African Music	
MUS560	Music and Gender	
MUS562	Popular Musics in the African Diaspora	
Electives		16
Select courses from the folklore core or outside that bolster areas of student expertise		
Thesis or Terminal Project		
FLR503	Thesis [3]	9
orFLR609	Terminal Project	

1. Or other fieldwork course approved by advising committee.
2. 12 of the 28 credits must be earned in folklore (FLR) courses.
3. Students complete a thesis or terminal project based on original research. The number of thesis or terminal project credits that a candidate may complete has no maximum, although only 9 credits count toward the degree.

Courses are chosen in consultation with the student's advising committee. Students may substitute courses not listed above to fulfill requirements with the approval of their advising committee.

Master of Arts: Public Folklore Track (63 credits)

Required Courses		
FLR681	History and Theory of Folklore Research	5
FLR684	Folklore Fieldwork Seminar [1]	5
AAD521	Cultural Programming	4

AAD550	Art in Society	4
AAD551	Community Cultural Development	4
One course chosen in consultation with advisor		4
Interdisciplinary Core Courses		
Select 12 credits from the following courses: [2]		12
Folklore Core Courses		
FLR507	Seminar: [Topic] (Video Production)	
FLR511	Folklore and Religion	
FLR513	Folk Art and Material Culture	
FLR515	Folklore and Foodways	
FLR516	African Folklore	
FLR518	Folklore and Gender	
FLR583	Folklore and Mythology of the British Isles	
FLR585	Film and Folklore	
FLR591	Anglo-American Ballad and Folk Song	
Anthropology Core Courses		
ANTH511	Politics, Ethnicity, Nationalism	
ANTH519	Performance, Politics, and Folklore	
ANTH529	Jewish Folklore and Ethnology	
ANTH530	Balkan Society and Folklore	
ANTH539	Feminism and Ethnography	
ANTH593	Anthropology and Popular Culture	
ANTH611	Ethnographic Research: Epistemology, Methods, Ethics	
ANTH683	Anthropological Linguistics	
Arts and Administration Core Courses		
AAD562	Cultural Policy	
AAD565	Marketing the Arts	
German and Scandinavian Core Courses		
GER507	Seminar: [Topic] (Magic, Uncanny, Surrealistic, and Fantastic Tales)	
GER625	Translations-Transformations (Fairy Tales on the Move)	
Music Core Courses		
MUS551	Introduction to Ethnomusicology	
MUS552	Musical Instruments of the World	
MUS553	Folk Music of the Balkans	
MUS554	Music of India	
MUS557	Native American Music	
MUS558	Celtic Music	
MUS559	African Music	
MUS560	Music and Gender	
MUS562	Popular Musics in the African Diaspora	
Electives		10
Select courses from the folklore core or outside that bolster specialization areas		
Internship		
FLR604	Internship: [Topic] [3]	6
Thesis or Terminal Project		
FLR503	Thesis [4]	9
orFLR609	Terminal Project	

1 Or other fieldwork course approved by advising committee.

2 Students may substitute other courses not listed to fulfill requirements with the approval of their advising committee.

3 A public folklore–related internship, amounting to 200 clock hours of service on-site, organized through the Arts and Administration Program or the Folklore Program.

4 The number of thesis or terminal project credits that a candidate may complete has no maximum, although only 9 credits count toward the degree.

Master of Science: Public Folklore Track (63 credits)

Required Courses		
FLR681	History and Theory of Folklore Research	5
FLR684	Folklore Fieldwork Seminar [1]	5
AAD521	Cultural Programming	4
AAD550	Art in Society	4
AAD551	Community Cultural Development	4
One course chosen in consultation with advisor		4
Interdisciplinary Core Courses		
Select 12 credits from the following courses: [2]		12
Folklore Core Courses		
FLR507	Seminar: [Topic] (Video Production)	
FLR511	Folklore and Religion	
FLR513	Folk Art and Material Culture	
FLR515	Folklore and Foodways	
FLR516	African Folklore	
FLR518	Folklore and Gender	
FLR583	Folklore and Mythology of the British Isles	
FLR585	Film and Folklore	
FLR591	Anglo-American Ballad and Folk Song	
Anthropology Core Courses		
ANTH511	Politics, Ethnicity, Nationalism	
ANTH519	Performance, Politics, and Folklore	
ANTH529	Jewish Folklore and Ethnology	
ANTH530	Balkan Society and Folklore	
ANTH539	Feminism and Ethnography	
ANTH593	Anthropology and Popular Culture	
ANTH611	Ethnographic Research: Epistemology, Methods, Ethics	
ANTH683	Anthropological Linguistics	
Arts and Administration Core Courses		
AAD562	Cultural Policy	
AAD565	Marketing the Arts	
German and Scandinavian Core Courses		
GER507	Seminar: [Topic] (Magic, Uncanny, Surrealistic, and Fantastic Tales)	
GER625	Translations-Transformations (Fairy Tales on the Move)	
Music Core Courses		
MUS551	Introduction to Ethnomusicology	
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MUS554	Music of India	
MUS557	Native American Music	
MUS558	Celtic Music	
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Electives		10
Select courses from the folklore core or outside that bolster specialization areas		
Internship		
FLR604	Internship: [Topic] [3]	6
Thesis or Terminal Project		
FLR503	Thesis [4]	9
orFLR609	Terminal Project	

1. Or other fieldwork course approved by advising committee.
2. Students may substitute other courses not listed to fulfill requirements with the approval of their advising committee.
3. A public folklore–related internship, amounting to 200 clock hours of service on-site, organized through the Arts and Administration Program or the Folklore Program.
4. The number of thesis or terminal project credits that a candidate may complete has no maximum, although only 9 credits count toward the degree.

Additional Courses

Consult the program's website or members of its faculty each term for special offerings that fulfill degree requirements. Visit the Folklore Program website for a list of additional approved courses.

Other undergraduate and graduate courses with related subject matter may be applied to folklore certificate programs by arrangement with the instructors and the folklore director. For a list of these courses, visit the program website.

Courses

FLR198. Workshop: [Topic]. 1-2 Credits.
Repeatable.

FLR199. Special Studies: [Topic]. 1-5 Credits.
Repeatable.

FLR225. Voices of Africa. 4 Credits.
Novels, music, dance, dress, paintings, films, and cartoons serve as a primary sources from which to learn about the diversity and vivacity of contemporary African peoples.

FLR235. Folklore and the Supernatural. 4 Credits.
Introduces the study of beliefs about the supernatural by examining diverse approaches to the description and analysis of belief traditions and religious culture.

FLR245. Folklore and the Pacific Northwest. 4 Credits.
A survey exploring cultural expression of customary, verbal, and material folklore found in the Pacific Northwest, with a consideration of ethnic and geographical variation.

FLR250. Introduction to Folklore. 4 Credits.
The process and genres of traditional (i.e., folk) patterning; the relations between these forms of expression and other arts, especially English and American literature.

FLR255. Folklore and United States Popular Culture. 4 Credits.
Explores the relationship between folklore and popular culture, with special emphasis on the analysis of legends, myths, icons, stereotypes, heroes, celebrities, rituals, and celebrations.

FLR320. Car Cultures. 4 Credits.
Examines car customizing and tuning as forms of vernacular art; studies the environmental impacts of automobiles, the history of the industry, and the peculiarities of drivers' behavior. Offered alternate years.

FLR350. Folklore and the Bible. 4 Credits.
Studies readings of the Judeo-Christian Bible in connection with mythological and traditional contexts and meanings from ancient times to the present. Offered alternate years.

FLR365. Folklore Research Methods. 4 Credits.
Archival and library research skills augmented with fieldwork skills including observation, participation, documentation, interviewing, transcription, and presentation of findings.

FLR370. Folklore and Sexuality. 4 Credits.
Examines intersections of folklore and sexuality as entry points for discussing social issues of sexual and gender identity, intolerance, and resistance. Offered alternate years.

FLR399. Special Studies: [Topic]. 1-5 Credits.
Repeatable.

FLR401. Research: [Topic]. 1-6 Credits.
Repeatable.

FLR403. Thesis. 1-6 Credits.
Repeatable.

FLR404. Internship: [Topic]. 1-8 Credits.
Repeatable.

FLR405. Reading and Conference: [Topic]. 1-6 Credits.
Repeatable.

FLR406. Field Studies: [Topic]. 1-6 Credits.
Repeatable.

FLR407. Seminar: [Topic]. 1-5 Credits.
Repeatable.

FLR408. Workshop: [Topic]. 1-5 Credits.
Repeatable.

FLR409. Practicum: [Topic]. 1-6 Credits.
Repeatable.

FLR410. Experimental Course: [Topic]. 1-5 Credits.
Repeatable.

FLR411. Folklore and Religion. 4 Credits.
Explores the role of folklore in people's religious lives with particular emphasis on narrative, beliefs, rituals, celebrations, pilgrimage, and ecstatic states.

FLR413. Folk Art and Material Culture. 4 Credits.
Survey of the research by folklorists on contemporary folk art, material culture, and the aesthetic impulse in everyday life.

FLR415. Folklore and Foodways. 4 Credits.
Examines food traditions from a folkloristic perspective, looking at issues such as identity, performance, community, creativity, and innovation. Prereq: junior standing. Offered every second or third year.

FLR416. African Folklore. 4 Credits.
Examines folklore forms across the African continent to analyze themes of history, identity, aesthetics, gender, class, politics, and globalization. Offered alternate years.
Prereq: junior standing.

FLR418. Folklore and Gender. 4 Credits.
Examines intersections of folklore and gender and the resulting issues of creativity, social dynamics, feminism, identity politics, and negotiations of power. Offered alternate years.
Prereq: junior standing.

FLR483. Folklore and Mythology of the British Isles. 4 Credits.
Basic folk traditions in the British Isles (e.g., ballads, folktales, legends, myths) and their treatment in the written literature of major British authors.

FLR485. Film and Folklore. 4 Credits.
The developmental use of film by folklorists. Folklore genres, theories, and fieldwork methods as related to filmmakers' techniques. Analysis includes documentary and ethnodocumentary films.

FLR491. Anglo-American Ballad and Folk Song. 4 Credits.
Study of popular ballads in the Anglo-American tradition--styles, origins, forms, content, and dissemination. History and influence of popular media.

FLR503. Thesis. 1-12 Credits.
Repeatable.

FLR507. Seminar: [Topic]. 1-5 Credits.
Repeatable.

FLR508. Workshop: [Topic]. 1-5 Credits.
Repeatable.

FLR510. Experimental Course: [Topic]. 1-5 Credits.
Repeatable.

FLR511. Folklore and Religion. 4 Credits.
Explores the role of folklore in people's religious lives with particular emphasis on narrative, beliefs, rituals, celebrations, pilgrimage, and ecstatic states.

FLR513. Folk Art and Material Culture. 4 Credits.
Survey of the research by folklorists on contemporary folk art, material culture, and the aesthetic impulse in everyday life.

FLR515. Folklore and Foodways. 4 Credits.
Examines food traditions from a folkloristic perspective, looking at issues such as identity, performance, community, creativity, and innovation.
Prereq: junior standing. Offered every second or third year.

FLR516. African Folklore. 4 Credits.
Examines folklore forms across the African continent to analyze themes of history, identity, aesthetics, gender, class, politics, and globalization.

FLR518. Folklore and Gender. 4 Credits.
Examines intersections of folklore and gender and the resulting issues of creativity, social dynamics, feminism, identity politics, and negotiations of power. Offered alternate years.

FLR583. Folklore and Mythology of the British Isles. 4 Credits.
Basic folk traditions in the British Isles (e.g., ballads, folktales, legends, myths) and their treatment in the written literature of major British authors.

FLR585. Film and Folklore. 4 Credits.
The developmental use of film by folklorists. Folklore genres, theories, and fieldwork methods as related to filmmakers' techniques. Analysis includes documentary and ethnodocumentary films.

FLR591. Anglo-American Ballad and Folk Song. 4 Credits.
Study of popular ballads in the Anglo-American tradition--styles, origins, forms, content, and dissemination. History and influence of popular media.

FLR601. Research: [Topic]. 1-6 Credits.
Repeatable.

FLR602. Supervised College Teaching. 1-16 Credits.
Repeatable.

FLR604. Internship: [Topic]. 1-6 Credits.
Repeatable.

FLR605. Reading and Conference: [Topic]. 1-6 Credits.
Repeatable.

FLR606. Field Studies: [Topic]. 1-6 Credits.
Repeatable.

FLR607. Seminar: [Topic]. 1-6 Credits.
Repeatable.

FLR608. Workshop: [Topic]. 1-6 Credits.
Repeatable.

FLR609. Terminal Project. 1-9 Credits.
Repeatable.

FLR610. Experimental Course: [Topic]. 1-5 Credits.
Repeatable.

FLR681. History and Theory of Folklore Research. 5 Credits.
Examines nature of scholarly inquiry, research questions, and techniques. Historic orientation with emphasis on ideological development of folkloristics from its beginnings to the present.

FLR684. Folklore Fieldwork Seminar. 5 Credits.
Students conceptualize and execute a fieldwork project while developing practical skills in proposal writing, observation, interviewing, analysis, documentation, and presentation.

General Science

Jana Prikryl, Program Director
541-346-3288
65C Klamath Hall

The general science curriculum allows students to design academic programs that satisfy the requirements for a bachelor of science degree and provide more breadth than traditional science programs. Many exciting areas of scientific inquiry, such as bioinformatics, neuroscience, environmental science, and biophysical science, require broad science backgrounds and encompass several disciplines. Students planning technical careers in one of these areas or careers in the health sciences, in science education, or in a science-related business or social service might be best served by a well-designed multidisciplinary science program.

One strength of the General Science Program is its flexibility. To exploit that strength, students need to design their programs carefully, consulting frequently with the general science director. Course sequences that meet requirements for professional schools and training programs should be selected in consultation with the program director or university advisors that specialize in the specific area (for example the Health Professions Program advisors). Students should seek assistance in program planning when they identify or change career goals, because successful application to professional schools and training programs may

require completion of additional courses beyond those required for the general science major.

Examples of cross-disciplinary fields, and the subject-matter areas that might be combined in designing a program, are given below:

Animal behavior and ethology—anthropology, biology, psychology

Biophysical sciences—biology, chemistry, human physiology, physics

Cognitive sciences—computer and information science, mathematics, psychology

Environmental sciences—biology, chemistry, geography, geological sciences, physics

Neurosciences—biology, chemistry, psychology

General science majors are encouraged to consult with the program director during their junior year to ensure that their remaining course work is structured to meet all the requirements for the major. Students should notify the General Science Program office of their intention to graduate at least one term before the proposed graduation date.

Preparation

High school students planning to major in general science should take as much mathematics as possible, including two years of algebra and trigonometry. They should also take science courses in their areas of interest. Students planning to transfer into the General Science Program after two years at a community college or at another college or university should complete courses equivalent to the lower-division requirements listed in this catalog and as many of the university's general-education requirements for a bachelor's degree as possible. Acceptance of transfer courses and credits is determined by evaluators in the Office of Admissions in consultation with departmental advisors.

Upon admission, transfer students should consult with the general science director in the program office.

Careers

Through the General Science Program, prehealth science students preparing for careers in medicine, dentistry, or related fields can meet professional school admission requirements. General science, when combined with a minor or a second major, can work well for students planning careers in science-related business, public relations, and human services.

- **Bachelor of Arts**
- **Bachelor of Science**

Undergraduate Studies

Bachelor of Arts Degree Requirements

Lower Division [1]		44-56
MATH251–252	Calculus I-II	
orMATH246–247	Calculus for the Biological Sciences I-II	
Select three sequences or three-course combinations from the following; two sequences must include labs:		
Anthropology		
ANTH270	Introduction to Biological Anthropology	
Select two of the following:		
ANTH171	Introduction to Monkeys and Apes	
ANTH173	Evolution of Human Sexuality	
ANTH361	Human Evolution	
ANTH362	Human Biological Variation	
Biology		
BI211–214	General Biology I-IV (choose three)	
orBI281H–283H	Honors Biology I-III	
Chemistry		
Select one of the following:		
CH221–223 &CH227–229	General Chemistry and General Chemistry Laboratory	
CH224H–226H &CH237–239	Honors General Chemistry and Advanced General Chemistry Laboratory	
Computer and Information Science		
CIS210–212	Computer Science I-III	
Geography		
GEOG141	The Natural Environment	
Select one of the following:		
GEOG181	Our Digital Earth	
GEOG321	Climatology	
GEOG322	Geomorphology	
GEOG323	Biogeography	
GEOG361	Global Environmental Change	
Geological Sciences		
GEOL201	Earth's Interior Heat and Dynamics	
GEOL202	Earth Surface and Environmental Geology	
GEOL203	Evolution of the Earth	
Physics		
Select one of the following:		
PHYS201–203 &PHYS204–206	General Physics and Introductory Physics Laboratory	
PHYS251–253 &PHYS290	Foundations of Physics I and Foundations of Physics Laboratory	
Upper Division		32
32 credits of approved upper-division science courses (for a complete list of approved courses see the General Science Program website gensci.uoregon.edu/general-science-checksheet) [2]		
Total Credits		**76-88**

1 All students must demonstrate a proficiency in mathematics by passing Calculus II. In addition, all students must take three course sequences (or three course combinations in the case of ANTH and GEOG) from the list above, two of which must include laboratories. The labs might be imbedded in the class (as with BI, CIS, and GEOL), or taken as separate courses (as with CH and PHYS). All courses must be completed with grades of C– or P (pass) or better. Courses graded N (no pass) or F may be repeated for credit.

2 Two areas of emphasis from two different departments are required. Each emphasis consists of 12 upper-division credits from a single department. At least 24 of of the 32 credits must be taken for letter grades and at least 24 must be taken at the University of Oregon. Four of the 32 credits may be Research (401), Thesis (403), or Supervised College Teaching (402). Other courses numbered 400–409 may not be included unless approved in advance by the general science adviser. Upper-division courses used for another major may not be used to satisfy upper-division general science requirements. All courses must be completed with grades of P or C– or better.

Bachelor of Science Degree Requirements

Lower Division [1]		44-56
MATH251–252	Calculus I-II	
orMATH246–247	Calculus for the Biological Sciences I-II	
Select three sequences or three-course combinations from the following; two sequences must include labs:		
Anthropology		
ANTH270	Introduction to Biological Anthropology	
Select two of the following:		
ANTH171	Introduction to Monkeys and Apes	
ANTH173	Evolution of Human Sexuality	
ANTH361	Human Evolution	
ANTH362	Human Biological Variation	
Biology		
BI211–214	General Biology I-IV (choose three)	
orBI281H–283H	Honors Biology I-III	
Chemistry		
Select one of the following:		
CH221–223 &CH227–229	General Chemistry and General Chemistry Laboratory	
CH224H–226H &CH237–239	Honors General Chemistry and Advanced General Chemistry Laboratory	
Computer and Information Science		
CIS210–212	Computer Science I-III	
Geography		
GEOG141	The Natural Environment	
Select one of the following:		
GEOG181	Our Digital Earth	
GEOG321	Climatology	
GEOG322	Geomorphology	
GEOG323	Biogeography	
GEOG361	Global Environmental Change	
Geological Sciences		
GEOL201	Earth's Interior Heat and Dynamics	
GEOL202	Earth Surface and Environmental Geology	
GEOL203	Evolution of the Earth	
Physics		
Select one of the following:		
PHYS201–203 &PHYS204–206	General Physics and Introductory Physics Laboratory	
PHYS251–253 &PHYS290	Foundations of Physics I and Foundations of Physics Laboratory	
Upper Division		32
32 credits of approved upper-division science courses (for a complete list of approved courses see the General Science Program website gensci.uoregon.edu/general-science-checksheet) [2]		
Total Credits		**76-88**

1 All students must demonstrate a proficiency in mathematics by passing Calculus II. In addition, all students must take three course sequences (or three course combinations in the case of ANTH and GEOG) from the list above, two of which must include laboratories. The labs might be imbedded in the class (as with BI, CIS, and GEOL), or taken as separate courses (as with CH and PHYS). All courses must be completed with grades of C– or P (pass) or better. Courses graded N (no pass) or F may be repeated for credit.

2 Two areas of emphasis from two different departments are required. Each emphasis consists of 12 upper-division credits from a single department. At least 24 of of the 32 credits must be taken for letter grades and at least 24 must be taken at the University of Oregon. Four of the 32 credits may be Research (401), Thesis (403), or Supervised College Teaching (402). Other courses numbered 400–409 may not be included unless approved in advance by the general science adviser. Upper-division courses used for another major may not be used to satisfy upper-division general science requirements. All courses must be completed with grades of P or C– or better.

The lower-division courses must be completed with grades of C– or P (pass) or better. Courses graded N (no pass) or F may be repeated for credit.

The upper-division requirements are for students who declared the general science major fall 2000 or later. Students who declared the major before fall 2000 follow the requirements that were in effect when they declared the major. Upper-division credits used to satisfy minimum requirements of another major may not be used to satisfy upper-division requirements in general science. At least 24 upper-division science credits must be completed at the University of Oregon to meet the general science residency requirement.

Upper-division courses may be selected from the general science website (http://gensci.uoregon.edu).

Honors Program

Students preparing to graduate with honors in general science should notify the program director no later than the first term of the senior year.

Honors in general science centers on a thesis, which is the culmination of research conducted under the direction of a faculty advisor. The advisor does not need to be a member of the general science committee.

To graduate with honors, students must have at least a 3.50 overall grade point average and a GPA of 3.50 or better in the sciences. In addition, they must complete 9 credits of Research (401) or Thesis (403) or both in the appropriate department. These credits must be distributed over at least two terms and cannot be used to fulfill emphasis-area requirements.

Upon approval of the thesis by the advisor and the program director, honors in general sciences are awarded.

For guidelines and calendar, see a general science program director.

Program Planning

Information about program planning and detailed sample programs are available in the General Science Program office. Prehealth science students who choose the general science major should design their programs to meet the admission requirements of the professional school of their choice. See also Preparatory Programs in the **Academic Resources** section of this catalog.

Kindergarten through Secondary Teaching Careers

An academic major in general science can provide a strong background for certain teacher-education licensure programs. Students interested in teaching general science in middle school and junior high school should be aware that the integrated science endorsement requires broader preparation than the minimum requirements for the general science major. The College of Education offers a fifth-year program for middle-secondary teaching licensure in science. See the College of Education (p. 526) section of this catalog.

General Social Science

Reuben Zahler, Program Director
541-346-5907
362 McKenzie Hall

The General Social Science Program provides students the flexibility to design a major that combines courses from several departments across campus. The program offers students a variety of options depending on their interests. For the career-minded student, it provides career training combined with the analytical skills of a liberal arts education. For the intellectually curious student, it offers the study of particular themes across several social science disciplines. For the student having difficulty choosing a major, general social science offers a curriculum across several departments.

Undergraduate Studies

The program has four concentrations or tracks. Each concentration has its own set of core courses and then provides a number of elective courses from various departments. Major requirements for each of the four concentrations may be found on the program website.

Applied Economics, Business, and Society

This track combines technical training in business with the analytical training of the liberal arts. It draws heavily from courses in the business college and the economics department to offer specific business skills while exploring how business functions in society, on the national level, and in the global context. This concentration is designed specifically for students who plan to work in business or to pursue a master of business administration degree.

Crime, Law, and Society

This track provides broad exposure to problems that confront society on the causes and consequences of, and policies on, crime, offering preparation for students with an interest in criminology, law practice, law enforcement, or social services.

Globalization, Environment, and Policy

This track focuses on broad social-political and environmental issues at the regional, national, and global levels, as well as the policy planning required to meet these issues within an interdisciplinary context. The globalization concentration provides training for students planning to work in green industry, government, NGOs, and environmental organizations. In addition, the track prepares students to earn graduate degrees in planning, public management, policy studies, or other applied social sciences with a global emphasis.

Social Studies Teaching

This track prepares students with the course requirements for admission to the graduate teacher licensure program at the University of Oregon—UO Teach. This concentration does not, in and of itself, lead to a teaching license; rather, it provides a well-defined content so that students are prepared to enroll in a graduate program to become licensed to teach social studies at the middle or high school level.

General social science majors are encouraged to consult with their advisors at least once a year to ensure their remaining course work is structured to meet all the requirements for the major. Students should notify the General Social Science Program office of their intention to graduate at least one term before the proposed graduation date.

Geography

Amy K. Lobben, Department Head
541-346-4555
541-346-2067 fax
107 Condon Hall
1251 University of Oregon
Eugene, Oregon 97403-1251
geography@uoregon.edu

InfoGraphics Lab

James E. Meacham, Director
163 Condon Hall
541-346-5788 or -5810
geography.uoregon.edu/infographics

The InfoGraphics Lab is a geographic information systems (GIS) research and cartographic production facility located in the Department of Geography. The laboratory works on a variety of supported projects with faculty members, campus offices, and government agencies. Integration of GIS and graphic design tools with cartographic design is its focus. Graduate and undergraduate students may be employed on lab projects.

Faculty

Patrick J. Bartlein, professor (climatology, paleoclimatology, data analysis and visualization). BA, 1972, MS, 1975, PhD, 1978, Wisconsin, Madison. (1982)

Christopher Bone, assistant professor (geographic information system science, spatial analysis and modeling). BA, 2003, Toronto; MS, 2005, PhD, 2009, Simon Fraser. (2011)

Daniel P. Buck, associate professor (political economy, food geographies, East Asia). BA, 1987, California State, Chico; MA, 1996, PhD, 2002, California, Berkeley. (2008)

Shaul E. Cohen, associate professor (political, environmental, cultural; Middle East). BA, 1983, Clark; MA, 1987, PhD, 1991, Chicago. (1996)

Mark Fonstad, associate professor (geomorphology, remote sensing, hydrology). BA, 1995, Wisconsin, Madison; MA, 1997, Ohio; PhD, 2000, Arizona State. (2011)

Daniel Gavin, associate professor (biogeography, paleoecology, climate change). BA, 1992, Dartmouth; MS, 1997, PhD, 2000, Washington (Seattle). (2006)

Amy K. Lobben, associate professor (geographic information system science, behavioral geography, data visualization). BA, 1991, MA, 1996, Georgia State; PhD, 1999, Michigan State. (2004)

W. Andrew Marcus, professor (hydrology, fluvial geomorphology, remote sensing); Tykeson Dean of Arts and Sciences. BS, 1978, Stanford; MA, 1983, Arizona State; PhD, 1987, Colorado. (2001)

Patricia F. McDowell, professor (geomorphology, river management and restoration, Quaternary environments). BA, 1971, MA, 1977, Illinois Institute of Technology; PhD, 1980, Wisconsin, Madison. (1982)

Katharine Meehan, assistant professor (urban political ecology, water policy, Mexico). BA, 1999, Oregon; MS, 2005, Oxford; PhD, 2010, Arizona. (2010)

Alexander B. Murphy, James F. and Shirley K. Rippey Chair in Liberal Arts and Sciences; professor (political and cultural geography, Europe, law and geography). BA, 1977, Yale; JD, 1981, Columbia; PhD, 1987, Chicago. (1987)

Xiaobo Su, associate professor (cultural politics, tourism and urban conservation, China). BArch, 2000, Southeast University (Nanjing); MSc, 2003, Sun Yat-sen University; PhD, 2007, National University of Singapore. (2007)

Peter A. Walker, professor (cultural and political ecology, U.S. West, Africa). BA, 1986, California, Berkeley; MS, 1990, Harvard; PhD, 1997, California, Berkeley. (1997)

Special Staff

Blake Andrew, cartographic program specialist (geographic information systems, cartography); GIS program specialist, InfoGraphics Lab. BS, 2000, Oregon. (2007)

Jacob Bartruff, spatial analyst programmer (geographic information systems, web application development); employee, InfoGraphics Lab. BS, 2006, Oregon. (2002)

Brook Eastman, research assistant (geographic information systems, cartography): analyst, InfoGraphics Laboratory. BS, 2007, Oregon. (2011)

Donald G. Holtgrieve, adjunct assistant professor (environmental planning, resource management, watershed issues). BA, 1963, San Diego State; MA, 1970, California State; PhD, 1972, Oregon (2002)

Kenneth Kato, senior research assistant (geographic information systems, planning, cartography); assistant director, InfoGraphics Lab. BS, 1994, Ohio; MCRP, 2000, Oregon. (2000)

Nicholas P. Kohler, instructor (geographic information systems, cartography, human-environmental relations). BA, 1989, Princeton; MA, 1997, PhD, 2005, Oregon. (2006)

Leslie McLees, adjunct instructor (urban geography, urban agriculture, Africa); undergraduate advisor. BS, 1999, Washington State; MA, 2004, Hawaii, PhD, 2012, Oregon. (2014)

James E. Meacham, senior research associate (geographic information systems, cartography, atlas design and production); administrative and research director, InfoGraphics Laboratory. BS, 1984, MA, 1992, Oregon. (1992)

Alethea Steingisser, research assistant (cartography and graphic design, geographic information systems); designer and production manager, InfoGraphics Lab. BS, 2002, California State, Northridge; MS, 2006, Oregon. (2006)

Emeriti

Stanton A. Cook, professor emeritus. AB, 1951, Harvard; PhD, 1960, California, Berkeley. (1960)

Susan W. Hardwick, professor emerita. BS, 1968, Slippery Rock; MA, 1976, California State, Chico; PhD, 1986, California, Davis. (2000)

Carl L. Johannessen, professor emeritus. BA, 1950, MA, 1953, PhD, 1959, California, Berkeley. (1959)

Clyde P. Patton, professor emeritus. AB, 1948, MA, 1950, PhD, 1953, California, Berkeley. (1958)

Alvin W. Urquhart, professor emeritus. AB, 1953, MA, 1958, PhD, 1962, California, Berkeley. (1960)

Ronald Wixman, professor emeritus. BA, 1968, Hunter; MA, 1972, Columbia; PhD, 1978, Chicago. (1975)

The date in parentheses at the end of each entry is the first year on the University of Oregon faculty.

- **Bachelor of Arts**
- **Bachelor of Science**
- **Minor**

Undergraduate Studies

Undergraduate students in the Department of Geography develop an awareness of the natural and cultural landscapes of several regions of the world and investigate the processes that form them. Lower-division courses are open to any student at the university. For students transferring to the university in their third year, preparation in introductory college geography courses is desirable.

An undergraduate major in geography follows a broadly based general degree program. Both bachelor of arts (BA) and bachelor of science (BS) degrees are offered in the department. To achieve depth in a particular subfield of geography, electives are chosen from one of five tracks: environmental geography; culture, politics, and place; geographic information science; geographic education; and physical geography.

Although a degree in geography is a liberal arts degree, many graduates have found related vocational opportunities in government or private employment, principally in planning, environmental research, cartography, or geographic information science.

Bachelor of Arts Degree Requirements

Introductory Geography		
GEOG141	The Natural Environment	
GEOG142	Human Geography	
GEOG181	Our Digital Earth	
Regional and Synthesis Geography		
Select one of the following:		4
ENVS201	Introduction to Environmental Studies: Social Sciences	
GEOG201	World Regional Geography	
GEOG202	Geography of Europe	
GEOG204	Geography of Russia and Neighbors	
GEOG205	Geography of Pacific Asia	
GEOG208	Geography of the United States and Canada	
GEOG209	Geography of the Middle East and North Africa	
GEOG214	Geography of Latin America	
GEOG360	Watershed Science and Policy	
ENVS450	Political Ecology [1]	
ENVS455	Sustainability [1]	
GEOG471	North American Historical Landscapes	
GEOG475	Advanced Geography of Non-European-American Regions: [Topic]	
Geographic Information System Science		
Select two of the following:		8
GEOG481	GIScience I	
GEOG482	GIScience II	
GEOG485	Remote Sensing I	
GEOG486	Remote Sensing II	
GEOG490	GIScience: [Topic]	
GEOG491	Advanced Geographic Information Systems	
GEOG493	Advanced Cartography	
GEOG495	Geographic Data Analysis	
GEOG497	Qualitative Methods in Geography	
Physical Geography		
Select two of the following:		8
GEOG321	Climatology	
GEOG322	Geomorphology	
GEOG323	Biogeography	
GEOG361	Global Environmental Change	
GEOG421	Advanced Climatology: [Topic]	
GEOG423	Advanced Biogeography: [Topic]	
GEOG425	Hydrology and Water Resources	
GEOG427	Fluvial Geomorphology	
GEOG430	Long-Term Environmental Change	
GEOG432	Climatological Aspects of Global Change	
GEOG433	Fire and Natural Disturbances	
Human Geography		
Select two of the following:		8
GEOG341	Population and Environment	
GEOG342	Geography of Globalization	
GEOG343	Society, Culture, and Place	
ASIA425	Asian Foodways [1]	
GEOG441	Political Geography	
GEOG442	Urban Geography	
GEOG443	Global Migration	
GEOG444	Cultural Geography	
GEOG445	Culture, Ethnicity, and Nationalism	
GEOG448	Tourism and Development	
ENVS450	Political Ecology [1]	
ENVS455	Sustainability [1]	
GEOG461	Environmental Alteration	
GEOG463	Geography, Law, and the Environment	
GEOG465	Environment and Development	
GEOG466	Gender and Environment	
GEOG467	International Water Policy	
GEOG468	Contemporary Food Systems	
GEOG471	North American Historical Landscapes	
ASIA480	Chinese Economy: Transition, Development, Globalization [1]	
Electives		
Three courses from one track (see tracks lists) [2]		12
Total Credits		**40**

1. If taught by Peter Walker or Dan Buck.
2. Seminar: [Topic] (GEOG407), Experimental Course: [Topic] (GEOG410) and other upper-division courses approved by advisor may be used to satisfy the elective requirement.

Environmental Geography Track

GEOG421	Advanced Climatology: [Topic]
GEOG423	Advanced Biogeography: [Topic]
ASIA425	Asian Foodways [1]
GEOG425	Hydrology and Water Resources
GEOG427	Fluvial Geomorphology
GEOG430	Long-Term Environmental Change
GEOG432	Climatological Aspects of Global Change
GEOG433	Fire and Natural Disturbances
ENVS450	Political Ecology [1]
ENVS455	Sustainability [1]
GEOG461	Environmental Alteration
GEOG463	Geography, Law, and the Environment
GEOG465	Environment and Development
GEOG466	Gender and Environment
GEOG467	International Water Policy
GEOG468	Contemporary Food Systems

Physical Geography

PHYS101–102	Essentials of Physics	8
orPHYS201–202	General Physics	
CH111	Introduction to Chemical Principles	4
Select three of the following:		
GEOG421	Advanced Climatology: [Topic]	4
GEOG423	Advanced Biogeography: [Topic]	4
GEOG425	Hydrology and Water Resources	4
GEOG427	Fluvial Geomorphology	4
GEOG430	Long-Term Environmental Change	4
GEOG432	Climatological Aspects of Global Change	4
GEOG433	Fire and Natural Disturbances	4

Geography Education

GEOG442	Urban Geography	4
GEOG443	Global Migration	4
GEOG445	Culture, Ethnicity, and Nationalism	4
GEOG461	Environmental Alteration	4
GEOG465	Environment and Development	4
GEOG467	International Water Policy	4
GEOG471	North American Historical Landscapes	4
GEOG475	Advanced Geography of Non-European-American Regions: [Topic]	4
Upper-division GEOG courses [1]		4

[1] With approval of advisor.

Culture, Politics, and Place

ASIA425	Asian Foodways [1]	4
GEOG441	Political Geography	4
GEOG442	Urban Geography	4
GEOG443	Global Migration	4
GEOG444	Cultural Geography	4
GEOG445	Culture, Ethnicity, and Nationalism	4
GEOG448	Tourism and Development	4
ENVS450	Political Ecology [1]	4
ENVS455	Sustainability [1]	4
GEOG461	Environmental Alteration	4
GEOG463	Geography, Law, and the Environment	4
GEOG465	Environment and Development	4
GEOG466	Gender and Environment	4
GEOG467	International Water Policy	4
GEOG468	Contemporary Food Systems	4
GEOG471	North American Historical Landscapes	4
ASIA480	Chinese Economy: Transition, Development, Globalization [1]	4

At least eight geography courses must be taken for a letter grade. A grade of C– or better or P (pass) is required in each course, and a GPA of 2.25 or better is required in courses used to satisfy major requirements.

Geography majors seeking a BA degree must demonstrate proficiency in a second language by passing the third term of a second-year university language course with a grade of C– or better or by examination indicating an equivalent level of proficiency.

Bachelor of Science Degree Requirements

Introductory Geography		
GEOG141	The Natural Environment	
GEOG142	Human Geography	
GEOG181	Our Digital Earth	
Regional and Synthesis Geography		
Select one of the following:		4
ENVS201	Introduction to Environmental Studies: Social Sciences	
GEOG201	World Regional Geography	
GEOG202	Geography of Europe	
GEOG204	Geography of Russia and Neighbors	
GEOG205	Geography of Pacific Asia	
GEOG208	Geography of the United States and Canada	
GEOG209	Geography of the Middle East and North Africa	
GEOG214	Geography of Latin America	
GEOG360	Watershed Science and Policy	
ENVS450	Political Ecology [1]	
ENVS455	Sustainability [1]	
GEOG471	North American Historical Landscapes	
GEOG475	Advanced Geography of Non-European-American Regions: [Topic]	
Geographic Information System Science		
Select two of the following:		8
GEOG481	GIScience I	
GEOG482	GIScience II	
GEOG485	Remote Sensing I	
GEOG486	Remote Sensing II	
GEOG490	GIScience: [Topic]	
GEOG491	Advanced Geographic Information Systems	
GEOG493	Advanced Cartography	
GEOG495	Geographic Data Analysis	
GEOG497	Qualitative Methods in Geography	
Physical Geography		
Select two of the following:		8
GEOG321	Climatology	
GEOG322	Geomorphology	
GEOG323	Biogeography	
GEOG361	Global Environmental Change	
GEOG421	Advanced Climatology: [Topic]	
GEOG423	Advanced Biogeography: [Topic]	
GEOG425	Hydrology and Water Resources	
GEOG427	Fluvial Geomorphology	
GEOG430	Long-Term Environmental Change	
GEOG432	Climatological Aspects of Global Change	
GEOG433	Fire and Natural Disturbances	

Human Geography		
Select two of the following:		8
GEOG341	Population and Environment	
GEOG342	Geography of Globalization	
GEOG343	Society, Culture, and Place	
ASIA425	Asian Foodways [1]	
GEOG441	Political Geography	
GEOG442	Urban Geography	
GEOG443	Global Migration	
GEOG444	Cultural Geography	
GEOG445	Culture, Ethnicity, and Nationalism	
GEOG448	Tourism and Development	
ENVS450	Political Ecology [1]	
ENVS455	Sustainability [1]	
GEOG461	Environmental Alteration	
GEOG463	Geography, Law, and the Environment	
GEOG465	Environment and Development	
GEOG466	Gender and Environment	
GEOG467	International Water Policy	
GEOG468	Contemporary Food Systems	
GEOG471	North American Historical Landscapes	
ASIA480	Chinese Economy: Transition, Development, Globalization [1]	
Electives		
Three courses from one track (see tracks lists) [2]		12
Total Credits		**40**

1 If taught by Peter Walker or Dan Buck.

2 Seminar: [Topic] (GEOG407), Experimental Course: [Topic] (GEOG410) and other upper-division courses approved by advisor may be used to satisfy the elective requirement.

Environmental Geography Track

GEOG421	Advanced Climatology: [Topic]	
GEOG423	Advanced Biogeography: [Topic]	
ASIA425	Asian Foodways [1]	
GEOG425	Hydrology and Water Resources	
GEOG427	Fluvial Geomorphology	
GEOG430	Long-Term Environmental Change	
GEOG432	Climatological Aspects of Global Change	
GEOG433	Fire and Natural Disturbances	
ENVS450	Political Ecology [1]	
ENVS455	Sustainability [1]	
GEOG461	Environmental Alteration	
GEOG463	Geography, Law, and the Environment	
GEOG465	Environment and Development	
GEOG466	Gender and Environment	
GEOG467	International Water Policy	
GEOG468	Contemporary Food Systems	

Physical Geography

PHYS101–102	Essentials of Physics	8
orPHYS201–202	General Physics	
CH111	Introduction to Chemical Principles	4
Select three of the following:		
GEOG421	Advanced Climatology: [Topic]	4
GEOG423	Advanced Biogeography: [Topic]	4
GEOG425	Hydrology and Water Resources	4
GEOG427	Fluvial Geomorphology	4
GEOG430	Long-Term Environmental Change	4
GEOG432	Climatological Aspects of Global Change	4
GEOG433	Fire and Natural Disturbances	4

Geographic Information Science

GEOG481	GIScience I	4
GEOG482	GIScience II	4
GEOG485	Remote Sensing I	4
GEOG486	Remote Sensing II	4
GEOG491	Advanced Geographic Information Systems	4
GEOG493	Advanced Cartography	4
GEOG495	Geographic Data Analysis	4
GEOG497	Qualitative Methods in Geography	4

Geography majors seeking a BS degree must complete a mathematics sequence that satisfies the university's mathematics requirement for a BS degree. Mathematics courses must be passed with a grade of at least C– or P. The optimal courses for the university's mathematics requirement depend on one's track and focus; consult with an advisor.

Students considering graduate school should complete both the mathematics and language requirements.

Honors Programs

The Department of Geography offers an honors option for its majors. More information is available in the department office.

Minor Requirements

Regional geography or techniques course	4
Upper-division physical geography course	4
Upper-division human geography course	4
Three geography courses	12
Total Credits	**24**

At least 16 credits must be taken for a letter grade; grades of C– or better or P must be earned in all geography courses applied to the minor.

Double Major

Geography majors may also complete a second major in any field of the student's choice. Two of the most common are environmental studies or environmental science—an excellent combination with geography because they offer grounding in the physical and human systems within which environmental issues are situated in a larger global context. For details about adding a second major, visit the department's website.

Internships in Geography

Internships are unpaid off-campus work experiences. Students receive one credit for each three hours of participation as an intern; internships may be extended to a second term with prior departmental approval. Interns apply geographic concepts in the service of government, private industry, or nongovernmental organizations. Internships are initiated by students or may come at the suggestion of a faculty member or the request of an employer. Past interns have worked in the Eugene Planning and Development Department, the U.S. Department of Agriculture Forest Service, Lane County Soil Conservation District, and many other organizations and agencies.

Kindergarten through Secondary Teaching Careers

Students who complete a degree with a major in geography are eligible to apply for the College of Education's fifth-year licensure program in middle-secondary teaching. Students may also apply to the fifth-year licensure program to become an elementary teacher. See also the College of Education (p. 526) section of this catalog.

- **Master of Arts**
- **Master of Science**
- **Doctor of Philosophy**

Graduate Studies

Graduate work leading to the master of arts (MA), master of science (MS), and doctor of philosophy (PhD) degrees is offered.

The department's graduate programs emphasize human geography, physical geography with an emphasis on environmental change, and Quaternary studies. The master's program may be a more generalized study of cultural, physical, or environmental geography. The PhD program closely follows the research interests of the geography faculty. Students follow an individualized program that includes courses and seminars in related disciplines.

Although the department requires knowledge of the fundamentals of geography, it welcomes students whose undergraduate work has been in other disciplines and who can apply their training to geographic problems.

Admission

The Department of Geography only accepts applications for admission fall term. Application materials should arrive by January 15 to be considered the following fall term. The department notifies applicants of the admission decision around April1. Graduate teaching fellowships typically are awarded once a year, in April.

The department's website has online application materials and information about the application process.

Applicants must submit scores from the Graduate Record Examinations general test. There is no minimum requirement for GRE scores.

International students whose native language is not English must submit results from the Test of English as a Foreign Language (TOEFL) or International English Language Testing System (IELTS) examination from within five years of the application date. The Department of Geography requires a minimum score of 575 (paper-based) or 88 (Internet-based) for the TOEFL. The minimum overall band score on the academic module of the IELTS is 7.0. For more information about the TOEFL and IELTS examination, visit their respective websites.

For more information about the geography department graduate application process, visit geography.uoregon.edu/graduate/admissions.

General Requirements

In both the master's and the doctoral programs, students are expected to develop a broad background in the discipline of geography, in-depth knowledge in an area of emphasis, and the ability to conduct and report independent research, including the use of appropriate geographic techniques. The area of emphasis may combine more than one traditional subfield of geography. The PhD requires development of more in-depth knowledge in the area of emphasis and a substantial independent research project resulting in a dissertation.

Area of Emphasis	Course Topics
Human Geography	• Political and ethnic geography • Cultural geography • Human-environment relations
Physical Geography	• Biogeography • Climatology • Geomorphology
Environmental Studies	• Global environmental change • Forest issues • River and watershed issues • Politics, policy, and law
Geographic Techniques	• Cartography • Data analysis • Visualization • Geographic information systems
Geographic Education	

The department also offers course work and faculty expertise in the American West, Europe (both West and East), Russia and neighboring states, Latin America, Asia, and Africa.

Master's Degree Program

The general master's degree in geography emphasizes broad understanding of physical and human geography and basic geographic techniques. Students develop specialized research skills during work on the thesis.

A committee of two geography faculty members supervises the research and writing of a master's thesis that shows evidence of original research and writing.

For students following the master's degree option in geography and education, some substitutions for the master's required courses may be authorized by the departmental coordinator for that option.

Master of Arts: General Geography

Core Courses [1]		
GEOG581	GIScience I	4
orGEOG582	GIScience II	
GEOG597	Qualitative Methods in Geography	4

orGEOG595	Geographic Data Analysis	
Two upper-division courses in physical geography from different subfields		8
Two upper-division courses in human geography from different subfields		8
GEOG608	Workshop: [Topic] [2]	1-16
GEOG611–612 &GEOG613	Theory and Practice of Geography I-II and Research Design [3]	12
Total Credits		**37-52**

1. Core courses or their equivalents must be completed either during the program or prior to entering.
2. Must take course for 1 credit every winter and spring term the student is in residence.
3. Must be taken during the first year the graduate student is in residence.

Master's Required Courses

GEOG507	Seminar: [Topic]	1-5
orGEOG607	Seminar: [Topic]	
GEOG507	Seminar: [Topic]	1-5
orGEOG607	Seminar: [Topic]	
GEOG503	Thesis [1]	9
Total Credits		**11-19**

1. At least 3 credits must be taken during the term the degree is granted. Every master's thesis must be presented at a public lecture.

Additional Requirements

Students must demonstrate skill in a second language, which may be met either by passing a second-year university foreign language course during the seven-year period prior to the receipt of the master's degree or by demonstrating second-year proficiency on the College-Level Examination Program (CLEP) test.

Where appropriate for the thesis or dissertation topic and with the approval of the advisory committee, computer programming skills may be substituted for the second language. These skills typically are demonstrated by completing a minimum of two approved courses and writing a program used in the thesis research.

Master of Science: General Geography

Core Courses [1]

GEOG581	GIScience I	4
orGEOG582	GIScience II	
GEOG597	Qualitative Methods in Geography	4
orGEOG595	Geographic Data Analysis	
Two upper-division courses in physical geography from different subfields		8
Two upper-division courses in human geography from different subfields		8
GEOG608	Workshop: [Topic] [2]	1-16
GEOG611–612 &GEOG613	Theory and Practice of Geography I-II and Research Design [3]	12
Total Credits		**37-52**

1. Core courses or their equivalents must be completed either during the program or prior to entering.
2. Must take course for 1 credit every winter and spring term the student is in residence.
3. Must be taken during the first year the graduate student is in residence.

Master's Required Courses

GEOG507	Seminar: [Topic]	1-5
orGEOG607	Seminar: [Topic]	
GEOG507	Seminar: [Topic]	1-5
orGEOG607	Seminar: [Topic]	
GEOG503	Thesis [1]	9
Total Credits		**11-19**

1. At least 3 credits must be taken during the term the degree is granted. Every master's thesis must be presented at a public lecture.

Additional Requirements

Students must demonstrate skill in a second language, which may be met either by passing a second-year university foreign language course during the seven-year period prior to the receipt of the master's degree or by demonstrating second-year proficiency on the College-Level Examination Program (CLEP) test.

Where appropriate for the thesis or dissertation topic and with the approval of the advisory committee, computer programming skills may be substituted for the second language. These skills typically are demonstrated by completing a minimum of two approved courses and writing a program used in the thesis research.

Doctoral Degree Program

The PhD program requires competent understanding of one of the systematic fields of geography and a broad understanding of geographic topics that enables the student to address and synthesize problems that cross the various fields of geography. While this program is designed to suit each individual's background and interests, prospective candidates should pay attention to the systematic specialization and regional interests of the department's faculty members before applying for admission.

The candidate may use Research: [Topic] (GEOG601) and Reading and Conference: [Topic] (GEOG605) to follow specific interests with individual members of the faculty. The PhD program, planned with faculty committee approval, is measured by achievement of the stated goals rather than by any specific number of credits.

PhD Requirements

Core Courses [1]

GEOG581	GIScience I	4
orGEOG582	GIScience II	
GEOG597	Qualitative Methods in Geography	4
orGEOG595	Geographic Data Analysis	
Two upper-division courses in physical geography from different subfields		8
Two upper-division courses in human geography from different subfields		8
GEOG608	Workshop: [Topic] [2]	1-16

GEOG611–612 &GEOG613	Theory and Practice of Geography I-II and Research Design [3]	12
Total Credits		**37-52**

1. Core courses or their equivalents must be completed either during the program or prior to entering.
2. Must take course for 1 credit every winter and spring term the student is in residence.
3. Must be taken during the first year the graduate student is in residence.

In addition, a candidate must complete a master's degree in geography or equivalent study that includes courses required for a master's degree in geography at theUniversity of Oregon. The PhD program requires at least two seminars GEOG607 and the completion of a second language or technical skill. The second-language or skill requirement may be met in any of the following ways:

1. Proficiency in a second language at the level required for the master's degree or computer-programming skills
2. Advanced second-language training to the level required to pass a third-year college-level course in composition and conversation
3. Mastery of a technique or method of geographic research by passing at least one methods course in geography and at least three approved advanced-level courses from outside the department

After completing the appropriate course work, graduate seminars, and language or technical skills requirement, advancement to candidacy is achieved by passing comprehensive written examinations in the following areas: a systematic field of geography, a region or a topic that integrates several fields of geography, and geographic thought and methodology. The student, in consultation with a faculty committee, writes a comprehensive examination memo that outlines at least three areas of geographical expertise within which is situated the student's core research and teaching interests. Once the memo is read and approved, the student has two weeks to respond to four questions posed by the committee. Please see the geography department's *Graduate Program Handbook* for additional details. (http://geography.uoregon.edu/files/GradHandbook_November_2012.pdf)

Within nine months of completing the comprehensive examination, the student must present a dissertation proposal for approval by the student's dissertation committee. The completed dissertation, the capstone of the doctoral program, presents the results of substantive and original research on a significant geographic problem. It is defended in a public oral presentation.

Courses

GEOG141. The Natural Environment. 4 Credits.
The earth's physical landscapes, vegetation patterns, weather, and climate; emphasis on the dynamic interactions among climate, landforms, vegetation, and soils.

GEOG142. Human Geography. 4 Credits.
The spatial organization of humans and their activities on Earth's surface. Cultural, political, and economic influences shaping places and their interconnections.

GEOG181. Our Digital Earth. 4 Credits.
Exploring the emergence of geospatial data and technologies that are pervasive in our everyday lives and how they are shaping society.

GEOG196. Field Studies: [Topic]. 1-2 Credits.
Repeatable.

GEOG199. Special Studies: [Topic]. 1-5 Credits.
Repeatable.

GEOG201. World Regional Geography. 4 Credits.
Introduction to the world's cultural regions. Study of the cultural and environmental factors that make different parts of the world distinct.

GEOG202. Geography of Europe. 4 Credits.
Physical and cultural processes that have shaped the rural and urban landscapes of Europe.

GEOG204. Geography of Russia and Neighbors. 4 Credits.
Natural regions, major population groups, and the economic development of the former Union of Soviet Socialist Republics.

GEOG205. Geography of Pacific Asia. 4 Credits.
Physical, cultural, and economic processes that have shaped the rural and urban landscapes of Pacific Asia.

GEOG208. Geography of the United States and Canada. 4 Credits.
Historical and geographical analysis of the physical and human geography of the U.S. and Canada. Topics include physical regions, settlement patterns, economic development, and urbanization. Offered alternate years.

GEOG209. Geography of the Middle East and North Africa. 4 Credits.
Physical and cultural processes that have shaped the rural and urban landscapes of the Middle East and North Africa.

GEOG214. Geography of Latin America. 4 Credits.
Physical, cultural, and economic processes that have shaped the rural and urban character of Latin America.

GEOG321. Climatology. 4 Credits.
Energy and moisture in the atmosphere, atmospheric circulation, controls of regional and microclimates, applied climatology, climatic variations, past and future climates.
Prereq: GEOG 141.

GEOG322. Geomorphology. 4 Credits.
Landforming processes with emphasis on mass movements, rivers, eolian, glacial, and coastal processes. Special fee.
Prereq: GEOG 141 or GEOL 102 or 202.

GEOG323. Biogeography. 4 Credits.
Relation of plants and animals to the environment, distribution of individual species, historical changes in plant distribution.
Prereq: one from GEOG 141, GEOL 103, 203, BI 370.

GEOG341. Population and Environment. 4 Credits.
Patterns of population growth over history and place, current policies and programs, and impacts and trends in United States and international contexts. Includes method and theory.

GEOG342. Geography of Globalization. 4 Credits.
Historical and geographical dimensions of globalization; emphasizes economic and social factors. Topics include multinationals, trade agreements, sustainability, global inequalities, and racial and gender divisions of labor.

GEOG343. Society, Culture, and Place. 4 Credits.
Examines ways in which geographical context reflects and shapes cultural and social processes. Importance of place and territory in human affairs.

GEOG360. Watershed Science and Policy. 4 Credits.
Physical and biological processes of watersheds; problems of land use, water quality, riparian zones, aquatic ecology; scientific basis of watershed management and policy. Special fee.
Prereq: GEOG 141, or GEOL 102 or 202, or BI 130 or 213.

GEOG361. Global Environmental Change. 4 Credits.
Natural and human-induced environmental changes and their impact on different environmental systems. Not available to those who have taken GEOG 143.
Prereq: GEOG 321 or 322 or 323.

GEOG399. Special Studies: [Topic]. 1-5 Credits.
Repeatable.

GEOG401. Research: [Topic]. 1-21 Credits.
Repeatable.

GEOG403. Thesis. 1-12 Credits.
Repeatable.

GEOG405. Reading and Conference: [Topic]. 1-21 Credits.
Repeatable.

GEOG406. Field Studies: [Topic]. 1-6 Credits.
Repeatable.

GEOG407. Seminar: [Topic]. 1-5 Credits.
Repeatable.

GEOG408. Workshop: [Topic]. 1-16 Credits.
Repeatable.

GEOG409. Practicum: [Topic]. 1-21 Credits.
Repeatable.

GEOG410. Experimental Course: [Topic]. 1-4 Credits.
Repeatable. Topics are listed in the class schedule each term.

GEOG421. Advanced Climatology: [Topic]. 4 Credits.
Topics in climatology, including physical climatology, dynamic and synoptic climatology, and paleoclimatology. Repeatable when topic changes.
Prereq: GEOG 321.

GEOG423. Advanced Biogeography: [Topic]. 4 Credits.
Selected topics in biogeography including relation of plants and animals to their environment, historical changes in plant distribution, and palynological analysis. Special fee. Repeatable when topic changes.
Prereq: GEOG 323.

GEOG425. Hydrology and Water Resources. 4 Credits.
Emphasis on surface water including precipitation, evapotranspiration, surface runoff, and stream flow. Understanding and analysis of processes. Management for water supply and quality. Special fee.
Prereq: GEOG 321 or 322; MATH 111.

GEOG427. Fluvial Geomorphology. 4 Credits.
Hydraulics and hydrology of stream channels; channel morphology and processes; drainage network development; fluvial deposits and landforms; field and analytical methods. Required field trips. Special fee.
Prereq: MATH 112; one from GEOG 322, 425, GEOL 334.

GEOG430. Long-Term Environmental Change. 4 Credits.
Evolution of the physical landscape during the Quaternary period. Elements of paleoclimatology, paleoecology, and geomorphology. Required field trips. Special fee.
Prereq: GEOG 321, 322, or 323.

GEOG432. Climatological Aspects of Global Change. 4 Credits.
Role of the climate system in global change, the Earth's climatic history, and potential future climatic changes.
Prereq: GEOG 321, 322, or 323.

GEOG433. Fire and Natural Disturbances. 4 Credits.
Wildfire and other landscape disturbance processes, historical and current patterns of fire, use and management of fire. Offered alternate years.
Prereq: BI 307 or GEOG 323 or BI 370.

GEOG441. Political Geography. 4 Credits.
Spatial perspectives on global political patterns and processes. Relationship of political territories to resources, ethnic patterns, and ideological communities. Impact of political arrangements on landscapes.
Prereq: Junior standing.

GEOG442. Urban Geography. 4 Credits.
Urbanization throughout the world, the structure of urban settlements; cities as regional centers, physical places, and homes for people; geographic problems in major urban environments.
Prereq: Junior standing.

GEOG443. Global Migration. 4 Credits.
Explores political, economic, and sociocultural dimensions of labor migration. Topics include capitalism and colonialism; state territoriality; urbanization; globalization; race, gender, and citizenship. Junior standing required.

GEOG444. Cultural Geography. 4 Credits.
Patterns of culture as a force in human affairs. Dynamics of identity, place, and power. The creation of culture at different scales.

GEOG445. Culture, Ethnicity, and Nationalism. 4 Credits.
Relationship of ethnic groups and nationality to landscapes, perception, and cultural geographic phenomena. Distribution of ethnic and national groups. Junior standing required.

GEOG448. Tourism and Development. 4 Credits.
Tourism-related concepts and practices associated with tourism planning, development, marketing, and impacts in different geographic contexts.

GEOG461. Environmental Alteration. 4 Credits.
Human alterations of the earth's major ecosystems. Consequences of human activity at different times and places with respect to soils, atmosphere, vegetation, landforms, and water.
Prereq: Junior standing.

GEOG463. Geography, Law, and the Environment. 4 Credits.
Values underlying American legal approaches to environmental issues; the role of laws in reflecting and shaping human understanding and use of the environment. Special fee.
Prereq: Junior standing.

GEOG465. Environment and Development. 4 Credits.
Critical analysis of development concepts. Economic activity and environmental impacts. Sustainable development. Development projects and landscapes in the industrializing world.
Prereq: Junior standing.

GEOG466. Gender and Environment. 4 Credits.
How gender shapes understandings of and interactions with nature. Gender, science, and nature in Western thought; global environmental justice; population debates; feminist political ecology.
Prereq: junior standing.

GEOG467. International Water Policy. 4 Credits.
Examines problems in water policy and governance in a global context. Draws on interdisciplinary perspectives, compares case studies, and analyzes institutions.

GEOG468. Contemporary Food Systems. 4 Credits.
Explores contemporary food systems at local, national, and global scales. Emphasis on the political economy and sociocultural dynamics linking agriculture, food industries, and consumption.

GEOG471. North American Historical Landscapes. 4 Credits.
Examines the origin and evolution of cultural landscapes in North America through historical and contemporary sources, and draws upon the local region for student projects.
Prereq: Junior standing.

GEOG475. Advanced Geography of Non-European-American Regions: [Topic]. 4 Credits.
Repeatable. Examination of the settlement patterns, regional economies, political organization, and character of the landscapes of selected major regions of the non-European and American world. Repeatable when region changes.

GEOG481. GIScience I. 4 Credits.
Introduction to geographic information science, geographic information systems (GIS), the current population survey (CPS), remote sensing, and cartography. Sequence with GEOG 482/582, 491/591.

GEOG482. GIScience II. 4 Credits.
Spatial data collection, spatial data models, database design, data editing, geographic information system (GIS) project management, and advanced topics in geographic information science. Sequence with GEOG 481/581, 491/591, 493/593.
Prereq: GEOG 481.

GEOG485. Remote Sensing I. 4 Credits.
Introduction to remote sensing science including its physical basis, instruments, platforms, data, processing methods, and applications. Sequence with GEOG 486/586.
Prereq: GEOG 481.

GEOG486. Remote Sensing II. 4 Credits.
The use of digital electromagnetic data for classification, mapping, and monitoring biologic, hydrologic, atmospheric, geologic, and human processes and environmental change. Sequence with GEOG 485/585.
Prereq: GEOG 485.

GEOG490. GIScience: [Topic]. 4 Credits.
Repeatable. Advanced topics on geographic information systems science including spatial analysis and modeling, data visualization, cartography, volunteered geographic information, GIS programming. Repeatable five times for a maximum of 24 credits.
Prereq: GEOG 481.

GEOG491. Advanced Geographic Information Systems. 4 Credits.
Socioeconomic analysis with geographic information systems (GIS) and the U.S. census, network modeling, 3-D models of natural and urban landscapes, web-based GIS and programming. Sequence with GEOG 481/581, 482/582.
Prereq: GEOG 482.

GEOG493. Advanced Cartography. 4 Credits.
Map design and production methods; use of color, cartographic visualization, graphing, data graphics theory, and integration of geographic information systems (GIS) and graphics tools. Sequence with GEOG 481/581, 482/582.

GEOG495. Geographic Data Analysis. 4 Credits.
Analysis and display of geographical data by traditional data-analytical methods and by scientific-visualization approaches.
Prereq: GEOG 481.

GEOG497. Qualitative Methods in Geography. 4 Credits.
Explores conceptual and practical dimensions of qualitative research. Includes linking theory and method; research question formulation; project design; ethics; data gathering, analysis, and presentation.
Prereq: GEOG 341, 342, or 343.

GEOG503. Thesis. 1-16 Credits.
Repeatable.

GEOG507. Seminar: [Topic]. 1-5 Credits.
Repeatable.

GEOG508. Workshop: [Topic]. 1-16 Credits.
Repeatable.

GEOG510. Experimental Course: [Topic]. 1-4 Credits.
Repeatable. Topics are listed in the class schedule each term.

GEOG521. Advanced Climatology: [Topic]. 4 Credits.
Topics in climatology, including physical climatology, dynamic and synoptic climatology, and paleoclimatology. Repeatable when topic changes.

GEOG523. Advanced Biogeography: [Topic]. 4 Credits.
Selected topics in biogeography including relation of plants and animals to their environment, historical changes in plant distribution, and palynological analysis. Special fee. Repeatable when topic changes.

GEOG525. Hydrology and Water Resources. 4 Credits.
Emphasis on surface water including precipitation, evapotranspiration, surface runoff, and stream flow. Understanding and analysis of processes. Management for water supply and quality. Special fee.

GEOG527. Fluvial Geomorphology. 4 Credits.
Hydraulics and hydrology of stream channels; channel morphology and processes; drainage network development; fluvial deposits and landforms; field and analytical methods. Required field trips. Special fee.

GEOG530. Long-Term Environmental Change. 4 Credits.
Evolution of the physical landscape during the Quaternary period. Elements of paleoclimatology, paleoecology, and geomorphology. Required field trips. Special fee.

GEOG532. Climatological Aspects of Global Change. 4 Credits.
Role of the climate system in global change, the Earth's climatic history, and potential future climatic changes.

GEOG533. Fire and Natural Disturbances. 4 Credits.
Wildfire and other landscape disturbance processes, historical and current patterns of fire, use and management of fire. Offered alternate years.

GEOG541. Political Geography. 4 Credits.
Spatial perspectives on global political patterns and processes. Relationship of political territories to resources, ethnic patterns, and ideological communities. Impact of political arrangements on landscapes.

GEOG542. Urban Geography. 4 Credits.
Urbanization throughout the world, the structure of urban settlements; cities as regional centers, physical places, and homes for people; geographic problems in major urban environments.

GEOG543. Global Migration. 4 Credits.
Explores political, economic, and sociocultural dimensions of labor migration. Topics include capitalism and colonialism; state territoriality; urbanization; globalization; race, gender, and citizenship.

GEOG544. Cultural Geography. 4 Credits.
Patterns of culture as a force in human affairs. Dynamics of identity, place, and power. The creation of culture at different scales.

GEOG545. Culture, Ethnicity, and Nationalism. 4 Credits.
Relationship of ethnic groups and nationality to landscapes, perception, and cultural geographic phenomena. Distribution of ethnic and national groups.

GEOG548. Tourism and Development. 4 Credits.
Tourism-related concepts and practices associated with tourism planning, development, marketing, and impacts in different geographic contexts.

GEOG561. Environmental Alteration. 4 Credits.
Human alterations of the earth's major ecosystems. Consequences of human activity at different times and places with respect to soils, atmosphere, vegetation, landforms, and water.

GEOG563. Geography, Law, and the Environment. 4 Credits.
Values underlying American legal approaches to environmental issues; the role of laws in reflecting and shaping human understanding and use of the environment. Special fee.

GEOG565. Environment and Development. 4 Credits.
Critical analysis of development concepts. Economic activity and environmental impacts. Sustainable development. Development projects and landscapes in the industrializing world.

GEOG566. Gender and Environment. 4 Credits.
How gender shapes understandings of and interactions with nature. Gender, science, and nature in Western thought; global environmental justice; population debates; feminist political ecology.

GEOG567. International Water Policy. 4 Credits.
Examines problems in water policy and governance in a global context. Draws on interdisciplinary perspectives, compares case studies, and analyzes institutions.

GEOG568. Contemporary Food Systems. 4 Credits.
Explores contemporary food systems at local, national, and global scales. Emphasis on the political economy and sociocultural dynamics linking agriculture, food industries, and consumption.

GEOG571. North American Historical Landscapes. 4 Credits.
Examines the origin and evolution of cultural landscapes in North America through historical and contemporary sources, and draws upon the local region for student projects.

GEOG575. Advanced Geography of Non-European-American Regions: [Topic]. 4 Credits.
Repeatable. Examination of the settlement patterns, regional economies, political organization, and character of the landscapes of selected major regions of the non-European and American world. Repeatable when region changes.

GEOG581. GIScience I. 4 Credits.
Introduction to geographic information science, geographic information systems (GIS), the current population survey (CPS), remote sensing, and cartography. Sequence with GEOG 482/582, 491/591.

GEOG582. GIScience II. 4 Credits.
Spatial data collection, spatial data models, database design, data editing, geographic information system (GIS) project management, and advanced topics in geographic information science. Sequence with GEOG 481/581, 491/591, 493/593.
Prereq: GEOG 581.

GEOG585. Remote Sensing I. 4 Credits.
Introduction to remote sensing science including its physical basis, instruments, platforms, data, processing methods, and applications. Sequence with GEOG 486/586.
Prereq: GEOG 581.

GEOG586. Remote Sensing II. 4 Credits.
The use of digital electromagnetic data for classification, mapping, and monitoring biologic, hydrologic, atmospheric, geologic, and human processes and environmental change. Sequence with GEOG 485/585.
Prereq: GEOG 585.

GEOG590. GIScience: [Topic]. 4 Credits.
Advanced topics on geographic information systems science including spatial analysis and modeling, data visualization, cartography, volunteered geographic information, GIS programming. Repeatable five times for a maximum of 24 credits.
Prereq: GEOG 581.

GEOG591. Advanced Geographic Information Systems. 4 Credits.
Socioeconomic analysis with geographic information systems (GIS) and the U.S. census, network modeling, 3-D models of natural and urban landscapes, web-based GIS and programming. Sequence with GEOG 481/581, 482/582.
Prereq: GEOG 582.

GEOG593. Advanced Cartography. 4 Credits.
Map design and production methods; use of color, cartographic visualization, graphing, data graphics theory, and integration of geographic information systems (GIS) and graphics tools. Sequence with GEOG 481/581, 482/582.
Prereq: GEOG 582.

GEOG595. Geographic Data Analysis. 4 Credits.
Analysis and display of geographical data by traditional data-analytical methods and by scientific-visualization approaches.
Prereq: GEOG 581.

GEOG597. Qualitative Methods in Geography. 4 Credits.
Explores conceptual and practical dimensions of qualitative research. Includes linking theory and method; research question formulation; project design; ethics; data gathering, analysis, and presentation.

GEOG601. Research: [Topic]. 1-16 Credits.
Repeatable.

GEOG602. Supervised College Teaching. 1-5 Credits.
Repeatable.

GEOG603. Dissertation. 1-16 Credits.
Repeatable.

GEOG605. Reading and Conference: [Topic]. 1-16 Credits.
Repeatable.

GEOG606. Field Studies: [Topic]. 1-16 Credits.
Repeatable.

GEOG607. Seminar: [Topic]. 1-5 Credits.
Repeatable.

GEOG608. Workshop: [Topic]. 1-16 Credits.
Repeatable.

GEOG609. Practicum: [Topic]. 1-16 Credits.
Repeatable.

GEOG610. Experimental Course: [Topic]. 1-5 Credits.
Repeatable.

GEOG611. Theory and Practice of Geography I. 4 Credits.
Introduction to professional practice in geography and the development of geographic concepts and theories from Ancient times through the mid-twentieth century. Sequence with GEOG 612, 613.

GEOG612. Theory and Practice of Geography II. 4 Credits.
The development of geographic concepts and theories from the mid-20th century to the present. Students learn to refine effective geographic research questions. Sequence with GEOG 611 and 613.
Prereq: GEOG 611.

GEOG613. Research Design. 4 Credits.
Examines main components of research design, including research questions, methodological approach, institutional review boards, funding programs, proposal writing, and application. Sequence with GEOG 611 and 612.
Prereq: GEOG 612.

GEOG631. Progress in Physical Geography. 1 Credit.
Recent developments in climatology, geomorphology, hydrology, and biogeography. Lectures, readings, and presentation of faculty and student works in progress. Repeatable for maximum of 12 credits.

GEOG632. Progress in Human Geography. 1 Credit.
Recent developments in cultural, economic, environmental and political geography. Lectures, readings, and presentation of faculty and student works in progress. Repeatable for maximum of 12 credits.

GEOG633. Progress in Geographic Information Science. 1 Credit.
Recent developments in cartography, GIS, remote sensing, data analysis, and visualization. Lectures, readings, and presentation of faculty and student works in progress. Repeatable for maximum of 12 credits.

Geological Sciences

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Faculty

Ilya N. Bindeman, professor (stable isotope geochemistry, volcanology). BS, 1988, Moscow; PhD, 1998, Chicago. (2004)

Edward B. Davis, assistant professor (vertebrate paleontology). BS, 1999, Tennessee, Knoxville; PhD, 2005, California, Berkeley. (2013)

Rebecca J. Dorsey, professor (sedimentology, basin analysis). BS, 1983, Vermont; MA, 1986, PhD, 1989, Princeton. (1997)

Emilie Hooft Toomey, associate professor (marine geophysics). BSc, 1990, Trinity College, Toronto; PhD, 1997, Massachusetts Institute of Technology and Woods Hole Oceanographic Institution. (1999)

Eugene D. Humphreys, professor (seismology, regional tectonics). BS, 1974, MS, 1978, California, Riverside; PhD, 1985, California Institute of Technology. (1985)

Qusheng Jin, associate professor (biogeoscience). BS, 1994, Nanjing; MS, 1997, Chinese Academy of Sciences; PhD, 2003, Illinois, Urbana-Champaign. (2005)

A. Dana Johnston, professor (experimental petrology, geochemistry). BS, 1976, Bates; MS, 1978, PhD, 1983, Minnesota. (1986)

Leif A. Karlstrom, assistant professor (volcanology, geomorphology, fluid mechanics). BS, 2006, Oregon; PhD, 2011, California, Berkeley. (2011)

Marli B. Miller, senior instructor (structural geology). BA, 1982, Colorado College; MS, 1987, PhD, 1992, Washington (Seattle). (1997)

Mark H. Reed, professor (mineral deposits, aqueous geochemistry). BA, 1971, Carleton; MS, 1974, PhD, 1977, California, Berkeley. (1979)

Alan W. Rempel, professor (geomechanics and applied mathematics). BASc, 1991, MSc, 1995, British Columbia; PhD, 2001, Cambridge. (2004)

Gregory J. Retallack, professor (paleobotany, paleosols). BA, 1973, Macquarie; PhD, 1978, New England University, Australia. (1981)

Joshua J. Roering, professor (surface processes, geomorphology). BS, 1994, MS, 1995, Stanford; PhD, 2000, California, Berkeley. (2000)

David A. Sutherland, assistant professor (physical oceanography). BA, 2001, North Carolina, Wilmington; PhD, 2008, Massachusetts Institute of Technology and Woods Hole Oceanographic Institution. (2011)

Amanda M. Thomas, assistant professor (earthquake seismology and fault mechanics). BS, 2007, Georgia Institute of Technology; PhD, 2012, California, Berkeley. (2015)

Douglas R. Toomey, professor (seismology, tectonics, midocean ridges). BS, 1981, Pennsylvania State; PhD, 1987, Massachusetts Institute of Technology and Woods Hole Oceanographic Institution. (1990)

Paul J. Wallace, professor (igneous petrology, volcanology, geochemistry). BS, 1986, George Washington University; PhD, 1991, California, Berkeley. (2001)

James M. Watkins, assistant professor (experimental petrology, geochemistry, volcanology). BS, 2005, Wisconsin, Eau Claire; PhD, 2010, Cailfornia, Berkeley. (2012)

Ray J. Weldon, professor (neotectonics, structural and quaternary geology). BA, 1977, Pomona; PhD, 1986, California Institute of Technology. (1987)

Courtesy

Katharine V. Cashman, courtesy professor (volcanology, igneous petrology, crystallization kinetics). BA, 1976, Middlebury; MS, 1979, Victoria, New Zealand; PhD, 1987, Johns Hopkins. (1991)

David Krinsley, courtesy professor (electron microscopy). PhB, 1948, SB, 1950, SM, 1950, PhD, 1956, Chicago. (1991)

John M. Logan, courtesy professor (rock mechanics). BS, 1956, Michigan State; MS, 1962, PhD, 1965, Oklahoma. (1997)

Special Staff

John Donovan, research assistant (electron beam microanalysis). (2001)

Dennis K. Fletcher, research assistant. BS, 1996, Oregon. (2006)

James Palandri, research associate. PhD, 2000, Oregon. (2001)

Emeriti

Sam Boggs, professor emeritus. BS, 1956, Kentucky; PhD, 1964, Colorado. (1965)

M. Allan Kays, professor emeritus. BA, 1956, Southern Illinois; MA, 1958, PhD, 1960, Washington (St. Louis). (1961)

Alexander R. McBirney, professor emeritus. BS, 1946, United States Military Academy, West Point; PhD, 1961, California, Berkeley. (1965)

William N. Orr, professor emeritus. BS, 1961, Oklahoma; MA, 1963, California, Riverside and Los Angeles; PhD, 1967, Michigan State. (1967)

Jack M. Rice, professor emeritus. AB, 1970, Dartmouth; MS, 1972, PhD, 1975, Washington (Seattle). (1977)

Norman M. Savage, professor emeritus. BSc, 1959, Bristol; PhD, 1968, Sydney. (1971)

Harve S. Waff, professor emeritus. BS, 1962, William and Mary; MS, 1966, PhD, 1970, Oregon. (1978)

Daniel Weill, professor emeritus. BA, 1956, Cornell; MS, 1958, Illinois; PhD, 1962, California, Berkeley. (2002)

The date in parentheses at the end of each entry is the first year on the University of Oregon faculty.

- **Bachelor of Arts: Geology Track**
- **Bachelor of Arts: Geophysics Track**
- **Bachelor of Arts: Environmental Geoscience Track**
- **Bachelor of Arts: Paleontology Track**
- **Bachelor of Science: Geology Track**
- **Bachelor of Science: Geophysics Track**
- **Bachelor of Science: Environmental Geoscience Track**
- **Bachelor of Science: Paleontology Track**
- **Minor**

Undergraduate Studies

The undergraduate program in the Department of Geological Sciences provides an understanding of the materials that constitute the earth and the processes that have shaped the earth from deep in its interior to the surface environment. Geology applies all the basic sciences—biology, chemistry, mathematics, and physics—to understanding earth processes in the historical context of geologic time. It is a science that explores problems by combining field investigations with laboratory experiments and theoretical studies.

Geology also addresses many natural hazards—earthquakes, flooding, and volcanic eruptions—that affect humans. It addresses the impact of humans on the earth's surface environment, where we pollute rivers and ground water, cause rapid erosion and landslides, or attempt to re-engineer rivers and shorelines.

Preparation

High school students planning to major in geological sciences should include in their high school program as much mathematics and science (physics, chemistry, biology, or earth science) as possible.

Students who transfer to the department after two years of college work elsewhere should have completed a year of general chemistry, a year of general physics, and two quarters or a semester of calculus. A year of general geology with laboratory is recommended.

Careers

Students with a degree in geological sciences are qualified for employment in a broad range of careers: geotechnical and environmental consultants; K–12 school teachers (with an additional teaching certificate); laboratory technicians; professional geologists, geophysicists, or geochemists; and positions in the petroleum and mining industries or in state and federal agencies such as the United States Geological Survey or the Environmental Protection Agency. The current climate for employment in the earth sciences is good. Geoscience jobs require skills in critical thinking and problem solving, quantitative analysis, oral and written communication, and team work. The Department of Geological Sciences curriculum emphasizes these skills.

Geological Sciences Curriculum

The Department of Geological Sciences offers a bachelor of science (BS) or a bachelor of arts (BA) degree with a major in geological sciences.

Major Tracks

Earth science is an unusually broad subject. It addresses everything from the chemical processes that make rocks and minerals to the physics behind plate tectonics and the travel of earthquake waves through the planet. It explores the history of the evolution of life revealed in fossils, and it probes the earth processes that affect how humans can survive on the surface of the planet. To address this breadth, the department offers four curricular tracks for a major in geological sciences: geology, geophysics, environmental geoscience, and paleontology.

All of the tracks require a common core of general chemistry, calculus, general geology, and physics, except that paleontology- and environmental geoscience–track students may take two terms of biology in place of two terms of physics. Beyond the core, each track requires certain additional courses and a selection of electives.

Undergraduate Research

As many as 4 credits of research can be counted toward electives in any of the tracks. To receive such credit, students must

1. submit a short letter, approved by the faculty research advisor and addressed to the head undergraduate advisor in geological sciences, stating the nature of the research and asserting that there is faculty supervision
2. submit a final written report to the faculty advisor describing the results of the research.

Students may earn credit in this category by registering for any of the following:

GEOL401	Research: [Topic]	1-21
GEOL406	Field Studies: [Topic]	1-6
GEOL408	Laboratory Projects: [Topic]	1-6

Students who complete an honors thesis may not apply this option toward elective credits.

Grade Options and Standards

Undergraduate majors must take for letter grades (the pass/no pass option is not acceptable) all the courses required in their degree program. Required courses must be completed with grades of C– or better.

Exceptions for honors students are noted under Honors in Geological Sciences.

Bachelor of Arts: Geology Track

Core Courses		
GEOL101 &GEOL102 &GEOL103	Earth's Dynamic Interior and Environmental Geology and Landform Development and The Evolving Earth [1]	12
orGEOL201 &GEOL202 &GEOL203	Earth's Interior Heat and Dynamics and Earth Surface and Environmental Geology and Evolution of the Earth	
PHYS201–202	General Physics	8
orPHYS251 &PHYS252	Foundations of Physics I and Foundations of Physics I	
CH221–222	General Chemistry	8
orCH224H–225H	Honors General Chemistry	
One from the following:		4
CH223	General Chemistry	
CH226H	Honors General Chemistry	
PHYS203	General Physics	
PHYS253	Foundations of Physics I	
MATH246–247	Calculus for the Biological Sciences I-II	8
orMATH251–252	Calculus I-II	
Select one of the following:		4
MATH253	Calculus III	
MATH343	Statistical Models and Methods	
MATH425	Statistical Methods I	
GEOL418	Earth and Environmental Data Analysis	
PHYS481	Design of Experiments	
GEOL315	Earth Physics	4
GEOL316	Introduction to Hydrogeology	4
GEOL318	Introduction to Field Methods	3
Additional Requirements		
GEOL331	Mineralogy	5
GEOL332	Introduction to Petrology	5
GEOL334	Sedimentology and Stratigraphy	4
GEOL350 &GEOL351 &GEOL352	Structural Geology and Structural Geology Problems and Structural Geology Laboratory and Field	5
GEOL406	Field Studies: [Topic]	12
Electives		
See Electives table for choices		20
Total Credits		**106**

1 The 200-level sequence is recommended for majors; however, the 100-level sequence may be substituted if the courses are passed with grades of mid-B or better.

Electives

Biology		
Courses numbered 306 or higher		
Chemistry		
CH223	General Chemistry	4
CH226H	Honors General Chemistry	4
CH227–229	General Chemistry Laboratory	6
orCH237–239	Advanced General Chemistry Laboratory	
CH411–413	Physical Chemistry	12
CH431–433	Inorganic Chemistry	12
CH444	Chemical Thermodynamics	4
CH445	Statistical Mechanics	4
Computer and Information Science		
CIS122	Introduction to Programming and Problem Solving	4
CIS210–212	Computer Science I-III	12
CIS315	Intermediate Algorithms	4
Geography		
GEOG181	Our Digital Earth	4
GEOG321	Climatology	4
GEOG322	Geomorphology	4
GEOG323	Biogeography	4
GEOG360	Watershed Science and Policy	4
GEOG361	Global Environmental Change	4
GEOG421	Advanced Climatology: [Topic]	4
GEOG423	Advanced Biogeography: [Topic]	4
GEOG425	Hydrology and Water Resources	4
GEOG427	Fluvial Geomorphology	4
GEOG430	Long-Term Environmental Change	4
GEOG481–482	GIScience I-II	8
GEOG485–486	Remote Sensing I-II	8
GEOG491	Advanced Geographic Information Systems	4
GEOG495	Geographic Data Analysis	4
Geological Sciences		
GEOL353	Geologic Hazards	4
GEOL363	MATLAB for Earth Scientists	2
GEOL401	Research: [Topic]	1-21
GEOL403	Thesis	1-6
GEOL410	Experimental Course: [Topic]	5
GEOL407	Seminar: [Topic] (Current Topics in Geology) [1]	3
Courses higher than 410 [2]		
Mathematics		
MATH256	Introduction to Differential Equations	4
MATH281–282	Several-Variable Calculus I-II	8
MATH341–342	Elementary Linear Algebra	8
MATH411–412	Functions of a Complex Variable I-II	8
MATH420	Ordinary Differential Equations	4
MATH421–422	Partial Differential Equations: Fourier Analysis I-II	8
MATH425–426	Statistical Methods I-II	8
Physics		
PHYS203	General Physics	4
orPHYS253	Foundations of Physics I	
PHYS204–206	Introductory Physics Laboratory	6
PHYS290	Foundations of Physics Laboratory	1

PHYS351–353	Foundations of Physics II	12
PHYS411–413	Mechanics, Electricity, and Magnetism	12

1 Pass/no pass

2 May include one course numbered 304–310.

Bachelor of Science: Geology Track

Core Courses		
GEOL101 &GEOL102 &GEOL103	Earth's Dynamic Interior and Environmental Geology and Landform Development and The Evolving Earth [1]	12
orGEOL201 &GEOL202 &GEOL203	Earth's Interior Heat and Dynamics and Earth Surface and Environmental Geology and Evolution of the Earth	
PHYS201–202	General Physics	8
orPHYS251 &PHYS252	Foundations of Physics I and Foundations of Physics I	
CH221–222	General Chemistry	8
orCH224H–225H	Honors General Chemistry	
One from the following:		4
CH223	General Chemistry	
CH226H	Honors General Chemistry	
PHYS203	General Physics	
PHYS253	Foundations of Physics I	
MATH246–247	Calculus for the Biological Sciences I-II	8
orMATH251–252	Calculus I-II	
Select one of the following:		4
MATH253	Calculus III	
MATH343	Statistical Models and Methods	
MATH425	Statistical Methods I	
GEOL418	Earth and Environmental Data Analysis	
PHYS481	Design of Experiments	
GEOL315	Earth Physics	4
GEOL316	Introduction to Hydrogeology	4
GEOL318	Introduction to Field Methods	3
Additional Requirements		
GEOL331	Mineralogy	5
GEOL332	Introduction to Petrology	5
GEOL334	Sedimentology and Stratigraphy	4
GEOL350 &GEOL351 &GEOL352	Structural Geology and Structural Geology Problems and Structural Geology Laboratory and Field	5
GEOL406	Field Studies: [Topic]	12
Electives		
See Electives table for choices		20
Total Credits		**106**

1 The 200-level sequence is recommended for majors; however, the 100-level sequence may be substituted if the courses are passed with grades of mid-B or better.

Electives

Biology		
Courses numbered 306 or higher		
Chemistry		
CH223	General Chemistry	4
CH226H	Honors General Chemistry	4
CH227–229	General Chemistry Laboratory	6
orCH237–239	Advanced General Chemistry Laboratory	
CH411–413	Physical Chemistry	12
CH431–433	Inorganic Chemistry	12
CH444	Chemical Thermodynamics	4
CH445	Statistical Mechanics	4
Computer and Information Science		
CIS122	Introduction to Programming and Problem Solving	4
CIS210–212	Computer Science I-III	12
CIS315	Intermediate Algorithms	4
Geography		
GEOG181	Our Digital Earth	4
GEOG321	Climatology	4
GEOG322	Geomorphology	4
GEOG323	Biogeography	4
GEOG360	Watershed Science and Policy	4
GEOG361	Global Environmental Change	4
GEOG421	Advanced Climatology: [Topic]	4
GEOG423	Advanced Biogeography: [Topic]	4
GEOG425	Hydrology and Water Resources	4
GEOG427	Fluvial Geomorphology	4
GEOG430	Long-Term Environmental Change	4
GEOG481–482	GIScience I-II	8
GEOG485–486	Remote Sensing I-II	8
GEOG491	Advanced Geographic Information Systems	4
GEOG495	Geographic Data Analysis	4
Geological Sciences		
GEOL353	Geologic Hazards	4
GEOL363	MATLAB for Earth Scientists	2
GEOL401	Research: [Topic]	1-21
GEOL403	Thesis	1-6
GEOL410	Experimental Course: [Topic]	5
GEOL407	Seminar: [Topic] (Current Topics in Geology) [1]	3
Courses higher than 410 [2]		
Mathematics		
MATH256	Introduction to Differential Equations	4
MATH281–282	Several-Variable Calculus I-II	8
MATH341–342	Elementary Linear Algebra	8
MATH411–412	Functions of a Complex Variable I-II	8
MATH420	Ordinary Differential Equations	4
MATH421–422	Partial Differential Equations: Fourier Analysis I-II	8
MATH425–426	Statistical Methods I-II	8
Physics		

PHYS203	General Physics	4
orPHYS253	Foundations of Physics I	
PHYS204–206	Introductory Physics Laboratory	6
PHYS290	Foundations of Physics Laboratory	1
PHYS351–353	Foundations of Physics II	12
PHYS411–413	Mechanics, Electricity, and Magnetism	12

1 Pass/no pass

2 May include one course numbered 304–310.

Bachelor of Arts: Geophysics Track

GEOL101 &GEOL102 &GEOL103	Earth's Dynamic Interior and Environmental Geology and Landform Development and The Evolving Earth [1]	12
orGEOL201 &GEOL202 &GEOL203	Earth's Interior Heat and Dynamics and Earth Surface and Environmental Geology and Evolution of the Earth	
CH221–222	General Chemistry	8
orCH224H–225H	Honors General Chemistry	
MATH251–253	Calculus I-III	12
PHYS251–253	Foundations of Physics I	12
GEOL315	Earth Physics	4
GEOL316	Introduction to Hydrogeology	4
GEOL318	Introduction to Field Methods	3
Additional Requirements		
Select two of the following:		10
GEOL311	Earth Materials	
GEOL331	Mineralogy	
GEOL332	Introduction to Petrology	
GEOL455	Mechanical Earth	4
MATH281–282 &MATH256	Several-Variable Calculus I-II and Introduction to Differential Equations	12
PHYS351–353	Foundations of Physics II	12
orPHYS411–413	Mechanics, Electricity, and Magnetism	
Electives		
See Electives table for choices		16
Total Credits		**109**

1 The 200-level sequence is recommended for majors; however, the 100-level sequence may be substituted if the courses are passed with grades of mid-B or better.

Electives

Chemistry		
CH223	General Chemistry	4
CH226H	Honors General Chemistry	4
CH411	Physical Chemistry	4
Geological Sciences		
GEOL334	Sedimentology and Stratigraphy	4
GEOL350	Structural Geology	3
GEOL351	Structural Geology Problems	1
GEOL352	Structural Geology Laboratory and Field	1
GEOL353	Geologic Hazards	4
GEOL363	MATLAB for Earth Scientists	2
GEOL401	Research: [Topic]	1-21
GEOL403	Thesis	1-6
GEOL407	Seminar: [Topic] (Current Topics in Geology) [1]	1-5
Courses numbered 408 or higher		
Mathematics		
MATH341–342	Elementary Linear Algebra	8
orMATH421–422	Partial Differential Equations: Fourier Analysis I-II	

1 Pass/no pass

Bachelor of Science: Geophysics Track

GEOL101 &GEOL102 &GEOL103	Earth's Dynamic Interior and Environmental Geology and Landform Development and The Evolving Earth [1]	12
orGEOL201 &GEOL202 &GEOL203	Earth's Interior Heat and Dynamics and Earth Surface and Environmental Geology and Evolution of the Earth	
CH221–222	General Chemistry	8
orCH224H–225H	Honors General Chemistry	
MATH251–253	Calculus I-III	12
PHYS251–253	Foundations of Physics I	12
GEOL315	Earth Physics	4
GEOL316	Introduction to Hydrogeology	4
GEOL318	Introduction to Field Methods	3
Additional Requirements		
Select two of the following:		10
GEOL311	Earth Materials	
GEOL331	Mineralogy	
GEOL332	Introduction to Petrology	
GEOL455	Mechanical Earth	4
MATH281–282 &MATH256	Several-Variable Calculus I-II and Introduction to Differential Equations	12
PHYS351–353	Foundations of Physics II	12
orPHYS411–413	Mechanics, Electricity, and Magnetism	
Electives		
See Electives table for choices		16
Total Credits		**109**

1 The 200-level sequence is recommended for majors; however, the 100-level sequence may be substituted if the courses are passed with grades of mid-B or better.

Electives

Chemistry		
CH223	General Chemistry	4
CH226H	Honors General Chemistry	4
CH411	Physical Chemistry	4
Geological Sciences		
GEOL334	Sedimentology and Stratigraphy	4
GEOL350	Structural Geology	3
GEOL351	Structural Geology Problems	1

GEOL352	Structural Geology Laboratory and Field	1
GEOL353	Geologic Hazards	4
GEOL363	MATLAB for Earth Scientists	2
GEOL401	Research: [Topic]	1-21
GEOL403	Thesis	1-6
GEOL407	Seminar: [Topic] (Current Topics in Geology) [1]	1-5
Courses numbered 408 or higher		
Mathematics		
MATH341–342	Elementary Linear Algebra	8
orMATH421–422	Partial Differential Equations: Fourier Analysis I-II	

[1] Pass/no pass

Bachelor of Arts: Environmental Geoscience Track

Core Courses		
GEOL101 &GEOL102 &GEOL103	Earth's Dynamic Interior and Environmental Geology and Landform Development and The Evolving Earth [1]	12
orGEOL201 &GEOL202 &GEOL203	Earth's Interior Heat and Dynamics and Earth Surface and Environmental Geology and Evolution of the Earth	
PHYS201	General Physics	4
orPHYS251	Foundations of Physics I	
PHYS202	General Physics	4
orPHYS252	Foundations of Physics I	
orBI211	General Biology I: Cells	
Select one of the following:		4
PHYS203	General Physics	
BI212	General Biology II: Organisms	
BI213	General Biology III: Populations	
CH223	General Chemistry	
CH226H	Honors General Chemistry	
PHYS253	Foundations of Physics I	
CH221–222	General Chemistry	8
orCH224H–225H	Honors General Chemistry	
MATH246–247	Calculus for the Biological Sciences I-II	8
orMATH251–252	Calculus I-II	
Select one of the following:		4
MATH253	Calculus III	
MATH343	Statistical Models and Methods	
MATH425	Statistical Methods I	
GEOL418	Earth and Environmental Data Analysis	
PHYS481	Design of Experiments	
Select two of the following:		10
GEOL311	Earth Materials	
GEOL331	Mineralogy	
GEOL332	Introduction to Petrology	
GEOL315	Earth Physics	4
GEOL316	Introduction to Hydrogeology	4
GEOL318	Introduction to Field Methods	3
Additional Requirements		
GEOL310	Earth Resources and the Environment	4
GEOG323	Biogeography	4
GEOL334	Sedimentology and Stratigraphy	4
GEOL353	Geologic Hazards	4
BI370	Ecology	4
orGEOL451	Hydrogeology	
Electives		
See Electives table for choices		24
Total Credits		**109**

Electives

Biology		
BI212	General Biology II: Organisms	4
BI213	General Biology III: Populations	4
Courses numbered 306 or higher		
Chemistry		
CH223	General Chemistry	4
CH226H	Honors General Chemistry	4
CH227–229	General Chemistry Laboratory	6
orCH237–239	Advanced General Chemistry Laboratory	
CH411–413	Physical Chemistry	12
CH431–433	Inorganic Chemistry	12
CH444	Chemical Thermodynamics	4
CH445	Statistical Mechanics	4
Computer and Information Science		
CIS122	Introduction to Programming and Problem Solving	4
CIS210–212	Computer Science I-III	12
CIS315	Intermediate Algorithms	4
Geography		
GEOG181	Our Digital Earth	4
GEOG321	Climatology	4
GEOG322	Geomorphology	4
GEOG323	Biogeography	4
GEOG360	Watershed Science and Policy	4
GEOG361	Global Environmental Change	4
GEOG421	Advanced Climatology: [Topic]	4
GEOG423	Advanced Biogeography: [Topic]	4
GEOG425	Hydrology and Water Resources	4
GEOG427	Fluvial Geomorphology	4
GEOG430	Long-Term Environmental Change	4
GEOG481–482	GIScience I-II	8
GEOG485–486	Remote Sensing I-II	8
GEOG491	Advanced Geographic Information Systems	4
GEOG493	Advanced Cartography	4
GEOG495	Geographic Data Analysis	4
Geological Sciences		
GEOL334	Sedimentology and Stratigraphy	4
GEOL350	Structural Geology	3
GEOL363	MATLAB for Earth Scientists	2
GEOL401	Research: [Topic]	1-21

GEOL403	Thesis	1-6
GEOL406	Field Studies: [Topic]	1-6
GEOL410	Experimental Course: [Topic]	5
Courses numbered 411 and higher [2]		
Mathematics		
MATH256	Introduction to Differential Equations	4
MATH281–282	Several-Variable Calculus I-II	8
MATH341–342	Elementary Linear Algebra	8
MATH411–412	Functions of a Complex Variable I-II	8
MATH420	Ordinary Differential Equations	4
MATH421–422	Partial Differential Equations: Fourier Analysis I-II	8
MATH425–426	Statistical Methods I-II	8
Physics		
PHYS203	General Physics	4
PHYS204–206	Introductory Physics Laboratory	6
PHYS253	Foundations of Physics I	4
PHYS290	Foundations of Physics Laboratory	1
PHYS351–353	Foundations of Physics II	12
PHYS411–413	Mechanics, Electricity, and Magnetism	12
Engineering		
OSU engineering courses, by permission of a departmental advisor		

1 The 200-level sequence is recommended for majors; however, the 100-level sequence may be substituted if the courses are passed with grades of mid-B or better.

2 May include courses numbered 304-310.

Bachelor of Science: Environmental Geoscience Track

Core Courses		
GEOL101 &GEOL102 &GEOL103	Earth's Dynamic Interior and Environmental Geology and Landform Development and The Evolving Earth [1]	12
orGEOL201 &GEOL202 &GEOL203	Earth's Interior Heat and Dynamics and Earth Surface and Environmental Geology and Evolution of the Earth	
PHYS201	General Physics	4
orPHYS251	Foundations of Physics I	
PHYS202	General Physics	4
orPHYS252	Foundations of Physics I	
orBI211	General Biology I: Cells	
Select one of the following:		4
PHYS203	General Physics	
BI212	General Biology II: Organisms	
BI213	General Biology III: Populations	
CH223	General Chemistry	
CH226H	Honors General Chemistry	
PHYS253	Foundations of Physics I	
CH221–222	General Chemistry	8
orCH224H–225H	Honors General Chemistry	
MATH246–247	Calculus for the Biological Sciences I-II	8
orMATH251–252	Calculus I-II	
Select one of the following:		4
MATH253	Calculus III	
MATH343	Statistical Models and Methods	
MATH425	Statistical Methods I	
GEOL418	Earth and Environmental Data Analysis	
PHYS481	Design of Experiments	
Select two of the following:		10
GEOL311	Earth Materials	
GEOL331	Mineralogy	
GEOL332	Introduction to Petrology	
GEOL315	Earth Physics	4
GEOL316	Introduction to Hydrogeology	4
GEOL318	Introduction to Field Methods	3
Additional Requirements		
GEOL310	Earth Resources and the Environment	4
GEOG323	Biogeography	4
GEOL334	Sedimentology and Stratigraphy	4
GEOL353	Geologic Hazards	4
BI370	Ecology	4
orGEOL451	Hydrogeology	
Electives		
See Electives table for choices		24
Total Credits		**109**

Electives

Biology		
BI212	General Biology II: Organisms	4
BI213	General Biology III: Populations	4
Courses numbered 306 or higher		
Chemistry		
CH223	General Chemistry	4
CH226H	Honors General Chemistry	4
CH227–229	General Chemistry Laboratory	6
orCH237–239	Advanced General Chemistry Laboratory	
CH411–413	Physical Chemistry	12
CH431–433	Inorganic Chemistry	12
CH444	Chemical Thermodynamics	4
CH445	Statistical Mechanics	4
Computer and Information Science		
CIS122	Introduction to Programming and Problem Solving	4
CIS210–212	Computer Science I-III	12
CIS315	Intermediate Algorithms	4
Geography		
GEOG181	Our Digital Earth	4
GEOG321	Climatology	4
GEOG322	Geomorphology	4
GEOG323	Biogeography	4
GEOG360	Watershed Science and Policy	4
GEOG361	Global Environmental Change	4

GEOG421	Advanced Climatology: [Topic]	4
GEOG423	Advanced Biogeography: [Topic]	4
GEOG425	Hydrology and Water Resources	4
GEOG427	Fluvial Geomorphology	4
GEOG430	Long-Term Environmental Change	4
GEOG481–482	GIScience I-II	8
GEOG485–486	Remote Sensing I-II	8
GEOG491	Advanced Geographic Information Systems	4
GEOG493	Advanced Cartography	4
GEOG495	Geographic Data Analysis	4
Geological Sciences		
GEOL334	Sedimentology and Stratigraphy	4
GEOL350	Structural Geology	3
GEOL363	MATLAB for Earth Scientists	2
GEOL401	Research: [Topic]	1-21
GEOL403	Thesis	1-6
GEOL406	Field Studies: [Topic]	1-6
GEOL410	Experimental Course: [Topic]	5
Courses numbered 411 and higher [2]		
Mathematics		
MATH256	Introduction to Differential Equations	4
MATH281–282	Several-Variable Calculus I-II	8
MATH341–342	Elementary Linear Algebra	8
MATH411–412	Functions of a Complex Variable I-II	8
MATH420	Ordinary Differential Equations	4
MATH421–422	Partial Differential Equations: Fourier Analysis I-II	8
MATH425–426	Statistical Methods I-II	8
Physics		
PHYS203	General Physics	4
PHYS204–206	Introductory Physics Laboratory	6
PHYS253	Foundations of Physics I	4
PHYS290	Foundations of Physics Laboratory	1
PHYS351–353	Foundations of Physics II	12
PHYS411–413	Mechanics, Electricity, and Magnetism	12
Engineering		
OSU engineering courses, by permission of a departmental advisor		

1 The 200-level sequence is recommended for majors; however, the 100-level sequence may be substituted if the courses are passed with grades of mid-B or better.

2 May include courses numbered 304-310.

Bachelor of Arts: Paleontology Track

GEOL101 &GEOL102 &GEOL103	Earth's Dynamic Interior and Environmental Geology and Landform Development and The Evolving Earth [1]	12
orGEOL201 &GEOL202 &GEOL203	Earth's Interior Heat and Dynamics and Earth Surface and Environmental Geology and Evolution of the Earth	
PHYS201	General Physics	4
orPHYS251	Foundations of Physics I	
Select one of the following:		8
BI211–212	General Biology I-II	
PHYS202–203	General Physics	
PHYS252–253	Foundations of Physics I	
CH221–223	General Chemistry	12
orCH224H–226H	Honors General Chemistry	
MATH246–247	Calculus for the Biological Sciences I-II	8
orMATH251–252	Calculus I-II	
Select one of the following:		4
MATH253	Calculus III	
MATH343	Statistical Models and Methods	
MATH425	Statistical Methods I	
GEOL418	Earth and Environmental Data Analysis	
PHYS481	Design of Experiments	
GEOL311	Earth Materials	5-10
orGEOL331 &GEOL332	Mineralogy and Introduction to Petrology	
GEOL315	Earth Physics	4
orGEOL316	Introduction to Hydrogeology	
GEOL318	Introduction to Field Methods	3
Additional Requirements		
GEOL334	Sedimentology and Stratigraphy	4
GEOL350 &GEOL351 &GEOL352	Structural Geology and Structural Geology Problems and Structural Geology Laboratory and Field	5
GEOL406	Field Studies: [Topic]	12
Select two of the following:		8
GEOL431	Paleontology I: Paleozoic Marine Fossils	
GEOL433	Paleobotany	
GEOL434	Vertebrate Paleontology	
GEOL435	Paleopedology	
Electives		
See Electives table for choices		16
Total Credits		**105-110**

1 The 200-level sequence is recommended for majors; however, the 100-level sequence may be substituted if the courses are passed with grades of mid-B or better.

Electives

Anthropology		
ANTH361	Human Evolution	4
ANTH366	Human Osteology Laboratory	4
ANTH466	Primate Feeding and Nutrition	4
ANTH468	Evolutionary Theory	4
ANTH471	Zooarchaeology	4
Biology		
Courses numbered 306 or higher		
Chemistry		
CH227–229	General Chemistry Laboratory	6
orCH237–239	Advanced General Chemistry Laboratory	

CH223	General Chemistry	4
CH411–413	Physical Chemistry	12
CH431–433	Inorganic Chemistry	12
CH444	Chemical Thermodynamics	4
CH445	Statistical Mechanics	4
Computer and Information Science		
CIS122	Introduction to Programming and Problem Solving	4
CIS210–212	Computer Science I-III	12
CIS315	Intermediate Algorithms	4
Geography		
GEOG181	Our Digital Earth	4
GEOG321	Climatology	4
GEOG322	Geomorphology	4
GEOG323	Biogeography	4
GEOG360	Watershed Science and Policy	4
GEOG361	Global Environmental Change	4
GEOG421	Advanced Climatology: [Topic]	4
GEOG423	Advanced Biogeography: [Topic]	4
GEOG425	Hydrology and Water Resources	4
GEOG427	Fluvial Geomorphology	4
GEOG430	Long-Term Environmental Change	4
GEOG481–482	GIScience I-II	8
GEOG495	Geographic Data Analysis	4
Geological Sciences		
GEOL315	Earth Physics	4
GEOL316	Introduction to Hydrogeology	4
GEOL353	Geologic Hazards	4
GEOL363	MATLAB for Earth Scientists	2
GEOL401	Research: [Topic]	1-21
GEOL403	Thesis	1-6
GEOL410	Experimental Course: [Topic]	5
GEOL407	Seminar: [Topic] [1]	3
Courses higher than 410 [2]		
Mathematics		
MATH256	Introduction to Differential Equations	4
MATH281–282	Several-Variable Calculus I-II	8
MATH341–342	Elementary Linear Algebra	8
MATH411–412	Functions of a Complex Variable I-II	8
MATH420 &MATH421	Ordinary Differential Equations and Partial Differential Equations: Fourier Analysis I	8
MATH425–426	Statistical Methods I-II	8
Physics		
PHYS204–206	Introductory Physics Laboratory	6
PHYS290	Foundations of Physics Laboratory	1
PHYS351–353	Foundations of Physics II	12
PHYS411–413	Mechanics, Electricity, and Magnetism	12

1 Pass/no pass

2 May include one course numbered 304-310.

Bachelor of Science: Paleontology Track

GEOL101 &GEOL102 &GEOL103	Earth's Dynamic Interior and Environmental Geology and Landform Development and The Evolving Earth [1]	12
orGEOL201 &GEOL202 &GEOL203	Earth's Interior Heat and Dynamics and Earth Surface and Environmental Geology and Evolution of the Earth	
PHYS201	General Physics	4
orPHYS251	Foundations of Physics I	
Select one of the following:		8
BI211–212	General Biology I-II	
PHYS202–203	General Physics	
PHYS252–253	Foundations of Physics I	
CH221–223	General Chemistry	12
orCH224H–226H	Honors General Chemistry	
MATH246–247	Calculus for the Biological Sciences I-II	8
orMATH251–252	Calculus I-II	
Select one of the following:		4
MATH253	Calculus III	
MATH343	Statistical Models and Methods	
MATH425	Statistical Methods I	
GEOL418	Earth and Environmental Data Analysis	
PHYS481	Design of Experiments	
GEOL311	Earth Materials	5-10
orGEOL331 &GEOL332	Mineralogy and Introduction to Petrology	
GEOL315	Earth Physics	4
orGEOL316	Introduction to Hydrogeology	
GEOL318	Introduction to Field Methods	3
Additional Requirements		
GEOL334	Sedimentology and Stratigraphy	4
GEOL350 &GEOL351 &GEOL352	Structural Geology and Structural Geology Problems and Structural Geology Laboratory and Field	5
GEOL406	Field Studies: [Topic]	12
Select two of the following:		8
GEOL431	Paleontology I: Paleozoic Marine Fossils	
GEOL433	Paleobotany	
GEOL434	Vertebrate Paleontology	
GEOL435	Paleopedology	
Electives		
See Electives table for choices		16
Total Credits		**105-110**

1 The 200-level sequence is recommended for majors; however, the 100-level sequence may be substituted if the courses are passed with grades of mid-B or better.

Electives

Anthropology		
ANTH361	Human Evolution	4
ANTH366	Human Osteology Laboratory	4

ANTH466	Primate Feeding and Nutrition	4
ANTH468	Evolutionary Theory	4
ANTH471	Zooarchaeology	4
Biology		
Courses numbered 306 or higher		
Chemistry		
CH227–229	General Chemistry Laboratory	6
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CH223	General Chemistry	4
CH411–413	Physical Chemistry	12
CH431–433	Inorganic Chemistry	12
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CH445	Statistical Mechanics	4
Computer and Information Science		
CIS122	Introduction to Programming and Problem Solving	4
CIS210–212	Computer Science I-III	12
CIS315	Intermediate Algorithms	4
Geography		
GEOG181	Our Digital Earth	4
GEOG321	Climatology	4
GEOG322	Geomorphology	4
GEOG323	Biogeography	4
GEOG360	Watershed Science and Policy	4
GEOG361	Global Environmental Change	4
GEOG421	Advanced Climatology: [Topic]	4
GEOG423	Advanced Biogeography: [Topic]	4
GEOG425	Hydrology and Water Resources	4
GEOG427	Fluvial Geomorphology	4
GEOG430	Long-Term Environmental Change	4
GEOG481–482	GIScience I-II	8
GEOG495	Geographic Data Analysis	4
Geological Sciences		
GEOL315	Earth Physics	4
GEOL316	Introduction to Hydrogeology	4
GEOL353	Geologic Hazards	4
GEOL363	MATLAB for Earth Scientists	2
GEOL401	Research: [Topic]	1-21
GEOL403	Thesis	1-6
GEOL410	Experimental Course: [Topic]	5
GEOL407	Seminar: [Topic] [1]	3
Courses higher than 410 [2]		
Mathematics		
MATH256	Introduction to Differential Equations	4
MATH281–282	Several-Variable Calculus I-II	8
MATH341–342	Elementary Linear Algebra	8
MATH411–412	Functions of a Complex Variable I-II	8
MATH420 &MATH421	Ordinary Differential Equations and Partial Differential Equations: Fourier Analysis I	8
MATH425–426	Statistical Methods I-II	8
Physics		
PHYS204–206	Introductory Physics Laboratory	6
PHYS290	Foundations of Physics Laboratory	1
PHYS351–353	Foundations of Physics II	12
PHYS411–413	Mechanics, Electricity, and Magnetism	12

1 Pass/no pass

2 May include one course numbered 304-310.

Honors in Geological Sciences

Application for graduation with honors in geological sciences must be made no later than spring term of the student's junior year. To be eligible for graduation with honors, a student must

1. Maintain a grade point average (GPA) of 3.50or better in geological sciences courses or a 3.00 or better in all science courses
2. Submit and orally present an acceptable honors thesis written under the supervision of a department faculty member and evaluated by a committee consisting of three faculty members including the supervisor. The thesis should be presented no later than three weeks before final examinations during the term the student plans to graduate

Honors students may register for 3 credits of Research: [Topic] (GEOL401) the term before they intend to graduate, and 3 credits of Thesis (GEOL403) the term of graduation. These credits may be applied toward electives.

Minor Requirements

GEOL101 &GEOL102 &GEOL103	Earth's Dynamic Interior and Environmental Geology and Landform Development and The Evolving Earth	12
orGEOL201 &GEOL202 &GEOL203	Earth's Interior Heat and Dynamics and Earth Surface and Environmental Geology and Evolution of the Earth	
GEOL213	Geology of National Parks	4
GEOL 300-499 [1]		11
Total Credits		**27**

1 No more than 8 credits in Geology of National Parks (GEOL213), The Fossil Record (GEOL304), Dinosaurs (GEOL305), Volcanoes and Earthquakes (GEOL306), Oceanography (GEOL307), Geology of Oregon and the Pacific Northwest (GEOL308), or Earth Resources and the Environment (GEOL310) may be applied to the minor.

Undergraduate minors must take all required courses for letter grades and complete them with grades of C– or better.

Group Requirements

Fourteen geological sciences courses satisfy university science group requirements. See the Group Requirements section of this catalog under **Registration and Academic Policies.**

Kindergarten through Secondary Teaching Careers

Students who complete a degree with a major in geological sciences are eligible to apply to the College of Education's fifth-year licensure program in middle-secondary teaching or the fifth-year licensure program

in elementary teaching. More information is available in the College of Education (p. 526) section of this catalog.

Graduate Studies

The Department of Geological Sciences offers programs of graduate study leading to master of science (MS), master of arts (MA), and doctor of philosophy (PhD) degrees with opportunity for research in a wide variety of specialty fields. Course work is designed to meet individual needs, and students may pursue independent research in geobiology, geochemistry, geodesy, geomechanics, geomorphology, geophysics, mineralogy, petrology, volcanology, paleontology, stratigraphy, sedimentary petrology, structural geology, and ore deposit geology. The master's degree program requires two years or more for completion.

Admission to the graduate program is competitive and based on academic records, scores on the Graduate Record Examinations (GRE), and letters of recommendation. Nonnative speakers of English must also submit scores for the Test of English as a Foreign Language (TOEFL) and the Test of Spoken English (TSE). Applications are welcome from students who are interested in using their background in related fields, such as physics, chemistry, and biology, to solve geologic or geophysical problems.

Graduate students are advised by a guidance committee consisting of three faculty members. This committee meets with each student shortly after he or she arrives on campus and as often thereafter as necessary for planning purposes.

Requirements

Basic university requirements for graduate degrees are described in the Graduate School (p. 698) section of this catalog. The department sets additional examination, course work, seminar, and thesis requirements. Applicants should read the *Guide to Graduate Study* on the department website, geology.uoregon.edu/graduate-program/, or write to the Department of Geological Sciences for details.

Programs

Graduate study in geological sciences is offered in five broad areas: volcanology-petrology-geochemistry, stratigraphy–surface processes, paleontology-paleopedology-geobiology, structural geology–geophysics, and economic geology (mineral deposits).

Volcanology-Petrology-Geochemistry

The department has excellent analytical and other research facilities for studies in these subdisciplines, and the volcanic and metamorphic terrane of the Northwest offers unsurpassed opportunities for field studies. Active research programs are diverse and include studies of eruption dynamics, magma volatile inventories, and magma rheology; experimental studies of igneous phase equilibria and trace element partitioning; calculations of multicomponent equilibria in aqueous systems and volcanic gases; and studies of igneous protogenesis.

Stratigraphy–Surface Processes

The stratigraphic record of tectonically active sedimentary basins indicates the dynamic interactions among basin subsidence, sediment input from eroding sources, evolution of depositional systems, and active faulting and folding that govern these processes. Research in this area combines field-based stratigraphic, sedimentologic, and geomorphic analysis with provenance studies and concepts derived from theoretical models to decipher the complex structural and climatic controls on the filling histories of active basins.

Surface processes regulate how tectonics and climate affect landscape evolution. Field observations, numerical simulations, topographic analyses, and experimental facilities are used to study sediment transport processes over a range of spatial and temporal scales. Projects incorporate links between active tectonics and structural geology, biology, geomechanics, and surface processes to address problems such as landsliding and hill-slope evolution, biological contributions to soil creep and landscape lowering, and the geomorphic implications of seismic-induced landsliding.

Paleontology-Paleopedology-Geobiology

Studies of fossil soils, plants, and vertebrates aim to reconstruct life on land and its role in global change. Global changes of interest include Neogene paleoclimate and paleoenvironment of ape and human evolution in East Africa, environmental effects of terminal Cretaceous impact and dinosaur extinction in Montana, consequences of mass extinction and methane clathrate degassing at the Permian-Triassic boundary, and the effect of early land plants and forests on weathering and atmospheric composition during the early Paleozoic.

Geobiology focuses on the interaction of microorganisms with the geologic environment and the ways life forms affect geological processes, such as weathering and mineralization.

Structural Geology–Geophysics

Graduate work in the structural geology–geophysics area involves the study of the earth's dynamic processes.

Seismic imaging techniques using regional arrays provide tools for understanding regional tectonics. Studies of upper-mantle and lithospheric structure beneath the Rocky Mountains and in the Pacific Northwest subduction zone are providing essential constraints, unavailable from surface geology, for detailed dynamical models of plate-lithospheric deformation.

Structural geology focuses on applying modern field and analytical techniques to solving problems in Cenozoic tectonics and active faulting. Detailed field mapping, trench logging, and geomorphic analysis are combined with seismic array data, land- and space-based geodetic data, and theoretical modeling to address problems including Oregon's Basin and Range province and coastal deformation, active tectonics of the San Andreas Fault system, and seismic risk along the Pacific margin of the United States and southeast and central Asia.

Geophysical experiments conducted at sea investigate the nature of sea-floor spreading including the segregation, transport, and storage of melt; the rifting of oceanic lithosphere; and the spatial and temporal connectivity between magmatic, tectonic, and hydrothermal processes.

Mineral Deposits

Current research on ore deposits includes studies of porphyry copper deposits, epithermal veins, and active geothermal systems. These projects combine field mapping, petrography, and chemical analyses with theoretical chemical modeling of processes of ore fluid generation, alteration, and mineralization.

Related Research Activities

The Condon Collection of Fossils at the Museum of Natural and Cultural History maintains strong ties to the Department of Geological

Sciences. Two geology professors are curators of the collection, and paleontology undergraduate and graduate students are often employed as assistants. The Condon Collection contains 60,000 specimens, including invertebrate and vertebrate fossils, paleobotanical remains, and an extensive collection of modern animals that are available to interested researchers for study.

Research Facilities

Students may use a variety of analytical facilities and equipment including a three-component broadband (0.03–50Hz) seismic array, an electron microprobe, a scanning electron microscope with image analysis, x-ray diffraction, FTIR spectroscopy, stable isotope mass spectroscopy, and a geobiology laboratory.

An experimental petrology laboratory covers a range of crustal temperatures and pressures and includes equipment for doing experiments in controlled atmospheres. Two piston-cylinder apparatus with pressure-temperature capability to 35 kilobars and 1,500° C may be used to study crystalline, partially molten, and molten silicates under mantlelike conditions.

Computers are used for much of the research in the department including acquisition and processing of seismic and gravity data and numerical modeling of geophysical processes and geochemical reactions. A geochemistry laboratory is equipped with sophisticated computer programs for thermodynamic calculations of gas-liquid-solid equilibria and reaction processes important in metamorphic, volcanic gas, hydrothermal, and diagenetic systems. The Internet can be accessed through the UONet fiber-optic link. A student computer facility, equipped with PC and Macintosh computers and laser printers, is also connected to the networks.

The sedimentological and paleontological laboratories have, in addition to standard laboratory equipment, an electronic particle-size analyzer, an x-radiography unit, photomicroscopes, a Leitz Aristophot unit, a fully maintained catalog of foraminifera, an acid room, and a conodont-processing laboratory.

Financial Aid for Graduate Students

Most of the department’s graduate students are fully supported through teaching and research assistantships. More information about financial assistance and department policies for awarding and renewing teaching and research fellowships may be obtained by reading the *Guide to Graduate Study* on the department website, geology.uoregon.edu/graduate-program, or by writing to the department.

Courses

GEOL101. Earth's Dynamic Interior. 4 Credits.
Plate tectonics, mantle flow, and magmatism. Volcanoes, earthquakes, mountain building, generation of Earth's crust; rocks and minerals; Earth's internal structure. Comparison with other planets. Laboratory, lecture.

GEOL102. Environmental Geology and Landform Development. 4 Credits.
Landforms, surface processes, and interactions between humans and the environment. Weathering, erosion, sedimentation, ground water, streams, glaciers, deserts, oceans, and coastlines; geologic hazards. Laboratory, lecture. Roering.

GEOL103. The Evolving Earth. 4 Credits.
History of the Earth. Geologic time, sedimentary environments; oceans, mountains, and climate through time; stratigraphic history of North America; evolution of plants and animals. Laboratory, lecture.

GEOL110. People, Rocks, and Fire. 4 Credits.
Investigation of topics in geology, ecology, and anthropology relevant to contemporary global energy debates; current energy policy issues investigated through term projects.

GEOL137. Mountains and Glaciers. 4 Credits.
Survey of the geological processes that both create and destroy mountain ranges around the world, and an introduction to geological science.

GEOL156M. Scientific Revolutions. 4 Credits.
Surveys several major revolutions in our views of the natural and technological world, focusing on scientific concepts and methodological aspects. For nonscience majors. Multilisted with PHYS 156M.

GEOL198. Laboratory Projects: [Topic]. 1-5 Credits.
Repeatable.

GEOL199. Special Studies: [Topic]. 1-6 Credits.
Repeatable. Studies of geologic topics combine background lectures with guided field trips to areas of geologic interest.

GEOL201. Earth's Interior Heat and Dynamics. 4 Credits.
Processes that cause earthquakes, volcanism, mountain building, and plate tectonics. Includes Earth's origin and internal structure, rocks and minerals, gravity and magnetics. Weekly lectures, two-hour laboratory.

GEOL202. Earth Surface and Environmental Geology. 4 Credits.
Earth materials, the rock record, human interactions with surface environment. Sedimentary rocks and environments, chemical and physical weathering, mineral and energy resources, hydrogeology, ground-water contamination, surface processes, human impacts. Weekly lectures, two-hour laboratory.

GEOL203. Evolution of the Earth. 4 Credits.
Origin, history, and physical evolution of the Earth; geologic time scales, development of the global stratigraphic section. Weekly lectures, two-hour laboratory.
Prereq: GEOL 101 or 201.

GEOL213. Geology of National Parks. 4 Credits.
Examines selected geologic features in United States national parks and the processes that form them. Focuses on parks in the western states.

GEOL304. The Fossil Record. 4 Credits.
Origin of life in Precambrian; evolution of plants and invertebrate animals; evolution of early chordates, fish, amphibians, reptiles, dinosaurs, birds, and mammals; speciation and extinction. Intended for junior and senior nonmajors but also open to geological sciences majors.

GEOL305. Dinosaurs. 4 Credits.
Overview of the past and present biodiversity of vertebrate animals, including ourselves, dinosaurs, and what ruled the ocean when dinosaurs roamed the land.

GEOL306. Volcanoes and Earthquakes. 4 Credits.
Mechanisms that cause earthquakes and volcanoes, relation to plate tectonics, associated hazards, examples in Oregon and the western United States.

GEOL307. Oceanography. 4 Credits.
Characteristics and physical, chemical, and biological processes of the world's oceans. Includes sections on origin of the oceans, plate tectonics, and human use and misuse of oceans.

GEOL308. Geology of Oregon and the Pacific Northwest. 4 Credits.
The region's geologic and tectonic history and the plate tectonic processes responsible for its evolution.

GEOL310. Earth Resources and the Environment. 4 Credits.
Geology of energy, mineral, and water resources and environmental issues related to their use. Topics include fossil fuels, metals, nuclear waste disposal, and water pollution.

GEOL311. Earth Materials. 5 Credits.
Chemical and mineralogical composition of rocks, sediment, and soil. Properties of common minerals; origin of rocks; microscopic study of rock textures; environmental issues.
Prereq: GEOL 101, 102 or 201, 202; coreq CH 221 or 224.

GEOL315. Earth Physics. 4 Credits.
Physics of basic Earth processes; application of physics to plate tectonics and lithospheric deformation. Topics include forces, deformation, gravity, and seismology. Taught once or more per academic year.
Prereq: MATH 112, PHYS 201.

GEOL316. Introduction to Hydrogeology. 4 Credits.
Examines the role of water in geologic and environmental processes. Topics include the water cycle, groundwater flow, and contaminant transport.
Pre- or coreq: MATH 252, PHYS 201.

GEOL318. Introduction to Field Methods. 3 Credits.
Introduction to geologic mapping and related field skills, rock descriptions, cross sections, and structures. Lectures, laboratories, mandatory field trips.
Prereq: GEOL 101–103 or GEOL 201–203.

GEOL331. Mineralogy. 5 Credits.
Crystal chemistry, systematic study of rock-forming silicate, and selected other minerals, mineral optics, and x-ray diffraction. Lab work with hand samples and petrographic microscopes.
Prereq: GEOL 201, 202 or GEOL 101, 102; coreq: CH 221 or 224.

GEOL332. Introduction to Petrology. 5 Credits.
Origin and classification of igneous, metamorphic, and sedimentary rocks. Microscopic study of rocks in thin section.
Prereq: GEOL 331.

GEOL334. Sedimentology and Stratigraphy. 4 Credits.
Sedimentary processes; characteristic properties of sedimentary rocks and their use in interpreting depositional environments; principles of lithostratigraphy and sequence stratigraphy.
Prereq: GEOL 101–103 or GEOL 201–203; pre- or coreq: GEOL 311 or 332.

GEOL350. Structural Geology. 3 Credits.
Description, analysis, and origin of geologic structures including faults, folds, and tectonites. Focus on kinematic and dynamic analysis of deformation of earth materials.
Prereq: GEOL 318; GEOL 311 or 332.

GEOL351. Structural Geology Problems. 1 Credit.
Exercises in solving structural geology problems using orthographic and stereographic projection techniques. Problems emphasize calculating stress and strain from structural markers.
Coreq: GEOL 350.

GEOL352. Structural Geology Laboratory and Field. 1 Credit.
Collection and interpretation of field and map data for structural analysis. Includes field trips, map and cross-section generation, and some computer-based exercises.
Coreq: GEOL 350.

GEOL353. Geologic Hazards. 4 Credits.
Examines geologic hazards, including both the physical processes that cause them and society's attempt to mitigate them.
Prereq: GEOL 101 or 201.

GEOL363. MATLAB for Earth Scientists. 2 Credits.
Introduction to MATLAB (Matrix Laboratory) software package, providing data analysis, mathematical modeling, and computer visualization tools and techniques vital to the work of Earth scientists.
Pre- or coreq: MATH 251.

GEOL399. Special Studies: [Topic]. 1-5 Credits.
Repeatable.

GEOL401. Research: [Topic]. 1-21 Credits.
Repeatable.

GEOL403. Thesis. 1-6 Credits.
Repeatable thrice for maximum of 6 credits.
Prereq: geological sciences honors students only.

GEOL405. Reading and Conference: [Topic]. 1-21 Credits.
Repeatable.

GEOL406. Field Studies: [Topic]. 1-6 Credits.
Repeatable.

GEOL407. Seminar: [Topic]. 1-5 Credits.
Repeatable.

GEOL408. Laboratory Projects: [Topic]. 1-6 Credits.
Repeatable.

GEOL409. Practicum: [Topic]. 1-6 Credits.
Repeatable.

GEOL410. Experimental Course: [Topic]. 1-5 Credits.
Repeatable.

GEOL418. Earth and Environmental Data Analysis. 4 Credits.
Tools-based instruction in data analysis for earth and environmental scientists. Topics include descriptive statistics, visualization, uncertainty analysis, hypothesis testing, regression, time series, and directional data.
Prereq: MATH 246 or 251.

GEOL420. Geocommunication. 3 Credits.
Scientific writing and presentations for the geological sciences. Focus on writing scientific papers and proposals, preparing oral and visual presentations.

GEOL425. Geology of Ore Deposits. 5 Credits.
Porphyry copper-molybdenum, epithermal, massive sulfides in volcanic rocks, and base and precious metals in sedimentary rocks. Geologic setting, alteration and ore mineral assemblages, and geochemistry of ore formation.
Prereq: CH 223; GEOL 332.

GEOL431. Paleontology I: Paleozoic Marine Fossils. 4 Credits.
Biostratigraphy, evolution, and paleoecology of life on earth: Paleozoic and some Mesozoic marine invertebrates. Laboratory exercises on fossil specimens.
Prereq: GEOL 103 or 203.

GEOL433. Paleobotany. 4 Credits.
Evolution and ecology of plants and microbes from the origin of life to global warming. Laboratory exercises and field trip to collect plant fossils.
Pre- or coreq: GEOL 103 or 203.

GEOL434. Vertebrate Paleontology. 4 Credits.
Evolution of vertebrates, including ourselves, based on fossil evidence. Physical and other evolutionary constraints are addressed, and lab exercises provide practical experience.
Prereq: GEOL 103 or 203.

GEOL435. Paleopedology. 4 Credits.
Soil formation; mapping and naming fossil soils; features of soils in hand specimens and petrographic thin sections; interpretations of ancient environments from features of fossil soils.
Prereq: GEOL 311 or 332.

GEOL438. Geobiology. 4 Credits.
Studies how microorganisms interact with geological environments at scales from enzymes to global element cycles.

GEOL440. Sedimentary Basin Analysis. 4 Credits.
Evolution of sedimentary basins, emphasizing tectonic controls on basin formation and filling. Interpretation of subsidence mechanisms and sedimentary processes through analysis of the stratigraphic record.
Pre- or coreq: GEOL 334, 350.

GEOL441. Hillslope Geomorphology. 4 Credits.
Hillslope processes and landforms; includes hillslope hydrology, overland flow erosion, weathering and soil formation, soil creep, landslides and related hazards, glacial and periglacial processes, effects of land-use practices and fire, and landscape evolution.

GEOL451. Hydrogeology. 4 Credits.
Study of the origin, motion, and physical and chemical properties of ground water. Emphasizes quantitative analysis of flow and interaction with geologic materials.
Prereq: CH 222 or CH 225H; GEOL 316.

GEOL453. Tectonics. 3 Credits.
Tectonic processes and examples. Global kinematics of plates and the forces that drive them. Continental deformation in compressional, shear, and extensional settings.
Prereq: GEOL 350 and calculus.

GEOL455. Mechanical Earth. 4 Credits.
Introduction to continuum mechanics. Includes stress and strain, friction, elasticity, viscous fluids, constitutive laws, equations of motion, and deformation of the Earth.
Prereq: GEOL 315, PHYS 202, or equivalent; MATH 256.

GEOL462. Environmental Geomechanics. 4 Credits.
Application of fluid and solid mechanics to understanding processes in the earth and environmental sciences. Offered alternate years.
Prereq: GEOL 455.

GEOL463. Computational Earth Science. 4 Credits.
Practical techniques for scientific computing. Topics include root finding, curve fitting, interpolation, integration and differentiation, optimization, differential equations.
Prereq: MATH 253; GEOL 363 or equivalent.

GEOL466. Geodynamics. 4 Credits.
Introduction to the process of the earth's physical workings. Includes rheology, bending of lithosphere, viscous flow, and heat transport.
Prereq: MATH 256 or equivalent; GEOL 455.

GEOL467. Fault Mechanics. 4 Credits.
The physics of faulting throughout the earthquake cycle. Topics include fault friction, seismic rupture, earthquake triggering, and other fault zone processes. Offered alternate years.
Prereq: GEOL 315, MATH 253.

GEOL468. Introduction to Seismology. 4 Credits.
Introduction to observational, theoretical, and computational seismology. Includes review of earth structure, source representation, ray theory, and seismic wave phenomena.
Prereq: MATH 256, GEOL 455.

GEOL471. Thermodynamic Geochemistry. 4 Credits.
Introduction to geologic application of classical chemical thermodynamics. Gibbs free energy and its temperature, pressure, and composition derivatives; fugacity, activity, and chemical potential. Solutions, ideal and nonideal.
Prereq: GEOL 311 or 332, CH 223, MATH 253.

GEOL472. Aqueous-Mineral-Gas Equilibria. 4 Credits.
Aqueous chemistry applied to natural waters (geothermal, diagenetic, continental brines). Equilibrium calculations applied to aqueous-mineral-gas systems.
Prereq: CH 223; MATH 252.

GEOL473. Isotope Geochemistry. 4 Credits.
Introduction to nuclear physics and isotope systematics; techniques of isotope analysis; applications of stable and radioactive isotopes in geochronology and as tracers of geological processes.

GEOL503. Thesis. 1-16 Credits.
Repeatable.

GEOL507. Seminar: [Topic]. 1-5 Credits.
Repeatable.

GEOL508. Laboratory Projects: [Topic]. 1-6 Credits.
Repeatable.

GEOL510. Experimental Course: [Topic]. 1-5 Credits.
Repeatable.

GEOL518. Earth and Environmental Data Analysis. 4 Credits.
Tools-based instruction in data analysis for earth and environmental scientists. Topics include descriptive statistics, visualization, uncertainty analysis, hypothesis testing, regression, time series, and directional data.
Prereq: MATH 246 or 251.

GEOL520. Geocommunication. 3 Credits.
Scientific writing and presentations for the geological sciences. Focus on writing scientific papers and proposals, preparing oral and visual presentations.

GEOL525. Geology of Ore Deposits. 5 Credits.
Porphyry copper-molybdenum, epithermal, massive sulfides in volcanic rocks, and base and precious metals in sedimentary rocks. Geologic setting, alteration and ore mineral assemblages, and geochemistry of ore formation.

GEOL531. Paleontology I: Paleozoic Marine Fossils. 4 Credits.
Biostratigraphy, evolution, and paleoecology of life on earth: Paleozoic and some Mesozoic marine invertebrates. Laboratory exercises on fossil specimens.

GEOL533. Paleobotany. 4 Credits.
Evolution and ecology of plants and microbes from the origin of life to global warming. Laboratory exercises and field trip to collect plant fossils.

GEOL534. Vertebrate Paleontology. 4 Credits.
Evolution of vertebrates, including ourselves, based on fossil evidence. Physical and other evolutionary constraints are addressed, and lab exercises provide practical experience.

GEOL535. Paleopedology. 4 Credits.
Soil formation; mapping and naming fossil soils; features of soils in hand specimens and petrographic thin sections; interpretations of ancient environments from features of fossil soils.

GEOL538. Geobiology. 4 Credits.
Studies how microorganisms interact with geological environments at scales from enzymes to global element cycles.

GEOL540. Sedimentary Basin Analysis. 4 Credits.
Evolution of sedimentary basins, emphasizing tectonic controls on basin formation and filling. Interpretation of subsidence mechanisms and sedimentary processes through analysis of the stratigraphic record.

GEOL541. Hillslope Geomorphology. 4 Credits.
Hillslope processes and landforms; includes hillslope hydrology, overland flow erosion, weathering and soil formation, soil creep, landslides and related hazards, glacial and periglacial processes, effects of land-use practices and fire, and landscape evolution.

GEOL551. Hydrogeology. 4 Credits.
Study of the origin, motion, and physical and chemical properties of ground water. Emphasizes quantitative analysis of flow and interaction with geologic materials.

GEOL553. Tectonics. 3 Credits.
Tectonic processes and examples. Global kinematics of plates and the forces that drive them. Continental deformation in compressional, shear, and extensional settings.

GEOL555. Mechanical Earth. 4 Credits.
Introduction to continuum mechanics. Includes stress and strain, friction, elasticity, viscous fluids, constitutive laws, equations of motion, and deformation of the earth.

GEOL562. Environmental Geomechanics. 4 Credits.
Application of fluid and solid mechanics to understanding processes in the earth and environmental sciences. Offered alternate years.

GEOL563. Computational Earth Science. 4 Credits.
Practical techniques for scientific computing. Topics include root finding, curve fitting, interpolation, integration and differentiation, optimization, differential equations.

GEOL566. Geodynamics. 4 Credits.
Introduction to the process of the earth's physical workings. Includes rheology, bending of lithosphere, viscous flow, and heat transport.

GEOL567. Fault Mechanics. 4 Credits.
The physics of faulting throughout the earthquake cycle. Topics include fault friction, seismic rupture, earthquake triggering, and other fault zone processes. Offered alternate years.

GEOL568. Introduction to Seismology. 4 Credits.
Introduction to observational, theoretical, and computational seismology. Includes review of earth structure, source representation, ray theory, and seismic wave phenomena.

GEOL571. Thermodynamic Geochemistry. 4 Credits.
Introduction to geologic application of classical chemical thermodynamics. Gibbs free energy and its temperature, pressure, and composition derivatives; fugacity, activity, and chemical potential. Solutions, ideal and nonideal.

GEOL572. Aqueous-Mineral-Gas Equilibria. 4 Credits.
Aqueous chemistry applied to natural waters (geothermal, diagenetic, continental brines). Equilibrium calculations applied to aqueous-mineral-gas systems.
Prereq: CH 223; MATH 252.

GEOL573. Isotope Geochemistry. 4 Credits.
Introduction to nuclear physics and isotope systematics; techniques of isotope analysis; applications of stable and radioactive isotopes in geochronology and as tracers of geological processes.

GEOL601. Research: [Topic]. 1-16 Credits.
Repeatable.

GEOL602. Supervised College Teaching. 1-16 Credits.
Repeatable.

GEOL603. Dissertation. 1-16 Credits.
Repeatable.

GEOL605. Reading and Conference: [Topic]. 1-16 Credits.
Repeatable.

GEOL606. Field Studies: [Topic]. 1-6 Credits.
Repeatable. Geologic fieldwork principally in connection with graduate thesis or dissertation. Emphasis on individual problems.

GEOL607. Seminar: [Topic]. 1-5 Credits.
Repeatable.

GEOL608. Laboratory Projects: [Topic]. 1-3 Credits.
Repeatable.

GEOL609. Practicum: [Topic]. 1-3 Credits.
Repeatable.

GEOL610. Experimental Course: [Topic]. 1-5 Credits.
Repeatable.

GEOL619. Electron Beam Analysis. 4 Credits.
Electron probe microanalysis and scanning electron microscopy for analyzing minerals and advanced materials. Instrumental functions and beam-specimen interaction. Correction procedures for quantitative x-ray analysis. X-ray and back-scattered image analysis.

GEOL620. Advanced Igneous Petrology. 3 Credits.
Ingeous rocks of the ocean basins, continental margins, and stable continental interior including basalts, calcalkaline series, and granites. Content varies according to research interests.
Prereq: GEOL 414/514, 471/571 or equivalent.

GEOL650. Advanced Structural Geology: [Topic]. 3 Credits.
Quantitative analysis of structures, focusing on faults and fault-related structures. Problems involve stress and strain inversion from map and field data. Repeatable twice with instructor's consent for maximum of 9 credits.

GEOL692. Volcanology. 3 Credits.
Products and processes of volcanism, origin of magmas, eruptive mechanisms, and relation of volcanism to orogeny and tectonic processes.

German and Scandinavian

Dorothee Ostmeier, Department Head
541-346-4245
202 Friendly Hall
1250 University of Oregon
Eugene, Oregon 97403-1250

The Department of German and Scandinavian offers a range of courses and degree programs, from instruction in beginning languages through the study of the literature and cultures of German-, Danish-, Finnish-, Swedish-, and Norwegian-speaking countries. Students may earn a bachelor of arts (BA) degree in German with a focus on language, literature, and culture, interdisciplinary German studies, or Scandinavian;

master of arts (MA) and doctor of philosophy (PhD) degrees are available in German. The Department of German and Scandinavian offers the only program in the state of Oregon that grants a PhD in German.

Scholarships

The Department of German and Scandinavian administers scholarships for undergraduate and graduate students majoring in German.

- The Herbert Merker Scholarship is awarded annually to the benefit of one or moreundergraduate majors
- The Plant German Undergraduate Scholarshipbenefits atleast one deserving undergraduate annually
- The Philip and Teresa Hansen Germanic Languages and Literatures Scholarship Fund award is given annually to two students nominated by members of the faculty
- The Beth Maveety Study Abroad Scholarship is awarded each year to a student for continued study in Germany; preference is given to students who intend to teach German
- The Leona M. Kail Scholarship is awarded every other year to one or two outstanding undergraduate students with financial need
- The Dr. F. G. G. Schmidt Fellowship is awarded to advanced graduate students nominated by members of the faculty
- The Roger Nicholls Memorial Endowment Fund award is granted to an outstanding beginning graduate student in German
- The Philip Hansen Graduate Fellowship in German and Scandinavian is awarded annually to a graduate student nominated by the faculty
- The Astrid M. Williams Fellowship is awarded to advanced doctoral students of German nominated by the faculty

For students of Scandinavian, the Friends of Scandinavian Studies Scholarship is awarded yearly to a student or students who display a commitment to the study of Scandinavian language, culture, and society. Financial need is considered.

Please contact departmental advisors for more information.

European Studies Minor

Some courses may be applied to the European studies minor. See the **European Studies** section of this catalog for more information.

Study Abroad

Germany

The department encourages students of German to study in Germany on one of the University of Oregon–sponsored exchange programs—the yearlong Baden-Württemberg program or the spring intensive German-language program in Tübingen. Study for one or two months in summer is available in Berlin. Students may also study for one or two terms in Vienna. We encourage all students to study abroad or to attend summer school programs such as the Deutsche Sommerschule am Pazifik in Portland.

Students in University of Oregon overseas study programs enroll in courses with subject codes that are unique to individual programs. Special course numbers are reserved for overseas study. See **Study Abroad** in the Supplementary Academic Programming section of this catalog.

For more information, students should consult departmental representatives and the International Affairs office. Students working toward a German major or minor must consult an undergraduate advisor before beginning any study abroad program in order to ensure that departmental requirements can be met. Study in Germany (GER317) is required as preparation for students planning to study abroad on one of the UO-sponsored exchange programs.

German majors with a focus in Language, Literature, and Culture must complete six courses on the UO campus, two of which must be 400-level courses with the GER subject code, unless they intend to graduate in absentia while enrolled through the Baden-Württemberg program. German majors with a focus on interdisciplinary German Studies must complete three courses on the UO campus, one of which must have a GER subject code.

Denmark, Finland, Norway, and Sweden

Students in Scandinavian are strongly encouraged to spend a year studying in an exchange program at Denmark's International Study Program in Copenhagen, at Copenhagen Business School, at Aalborg University in Denmark, at the University of Tampere in Finland, at the University of Bergen or the University of Oslo in Norway, or at the University of Uppsala in Sweden. For more information, consult departmental advisors in Scandinavian.

Faculty

Susan C. Anderson, professor (20th- and 21st-century German and Austrian literature, literary theory, gender and diversity). BA, 1978, North Carolina, Asheville; MA, 1981, PhD, 1985, North Carolina, Chapel Hill. (1986)

Kenneth S. Calhoon, professor (Enlightenment, Romanticism, literary and film history and theory). See **Comparative Literature**.

Amanda E. Doxtater, instructor (cinema, Scandinavian literature and drama,Swedish language). BA, 1997, MA, 2003, Washington (Seattle); PhD, 2012,California, Berkeley. (2012)

D. Gantt Gurley, assistant professor (Scandinavian literature, Old Norse literature). BA, 1994, Bard College; MA, 2002, PhD, 2007, California, Berkeley. (2009)

Martin Klebes, associate professor (18th- to 21st- century literature, philosophy, critical thought). PhD, 2003, Northwestern. (2007)

Jeffrey S. Librett, professor (literature since 1750, theoretical discourses, Jewish studies). BA, 1979, Yale; MA, 1981, Columbia; PhD, 1989, Cornell. (2004)

Katharina Loew, assistant professor (cinema, German studies). MA, 1999, Ludwig-Maximilians-Universitat München; PhD, 2011, Chicago. (2011)

Alexander Mathäs, professor (18th- to 20th-century German literature, literary theory, cultural theory). Staatsexamen, 1981, Tübingen; MA, 1984, Oregon; PhD, 1990, Texas, Austin. (1996)

Dorothee Ostmeier, professor (18th- and 20th-century literature, culture, philosophy). Staatsexamen, 1984, MA, 1985, Ruhr; PhD, 1993, Johns Hopkins. (2001)

Michael Stern, associate professor (Nietzsche, Kierkegaard,19th-century Scandinavian literature). BA, 1993, MA, 1995, PhD, 2000, California, Berkeley. (2001)

Matthias Vogel, senior instructor (second-language acquisition); language coordinator, German language programs; coordinator, German Global

Scholars. BA, 1993, Johannes Gutenberg, Mainz; MA, 1996, Oregon. (2011)

Emeriti

Walther L. Hahn, professor emeritus. Dip., Teachers College, Berlin, 1949; MA, 1954, Rice; PhD, 1956, Texas, Austin. (1961)

James R. McWilliams, associate professor emeritus. BA, 1951, MA, 1957, PhD, 1963, California, Berkeley. (1960)

Helmut R. Plant, associate professor emeritus. BA, 1957, Fairmont; MA, 1961, PhD, 1964, Cincinnati. (1966)

Karla L. Schultz, professor emerita. BA, 1967, Alma; MA, 1968, Washington (Seattle); MA, 1980, PhD, 1984, Oregon. (1987)

Ingrid A. Weatherhead, senior instructor emerita. BA, 1950, MA, 1951, Puget Sound. (1962)

Virpi Zuck, professor emerita. BA, 1964, MA, 1965, University of Helsinki; PhD, 1977, Wisconsin, Madison. (1974)

The date in parentheses at the end of each entry is the first year on the University of Oregon faculty.

Participating

Marilyn Linton, undergraduate studies

- **Bachelor of Arts: German Language, Literature, and Culture**
- **Bachelor of Arts: Scandinavian focus**
- **Minor in German** (p.)
- **Minor in Scandinavian**

Undergraduate Studies

The Department of German and Scandinavian offers a bachelor of arts (BA) degree with a major in German. Students may focus their studies by emphasizing German language, literature, and culture; Scandinavian; or German studies. The Department of German and Scandinavian also offers a combined bachelor of arts–master of arts degree in German. In this program, students complete the requirements for both degrees in a total of five years. For further information, see the Graduate Studies section.

Preparation

German majors and minors must demonstrate German language proficiency through successful completion of second-year German or a placement examination. Incoming students with experience in German must take the placement examination during registration week to help with proper placement.

Careers

A bachelor's degree in German enables students to pursue careers in college and secondary teaching, international business, government and foreign service, tourism, and translation and editorial work. Recent graduates of the department have been successful applicants to schools of law and business as well as graduate programs in German, Scandinavian, linguistics, history, comparative literature, and international studies. Majors planning to pursue graduate studies are encouraged to write an honors thesis.

Major Requirements

Majors with a focus in German language, literature, and culture or interdisciplinary German studies must be proficient in the German language, typically demonstrated by satisfactory completion of the third term of Second-Year German (GER203) or the second term of Intensive Second-Year German (GER205).

The department does not accept a grade of C– or lower in any course used to fulfill requirements for a major in German.

German Language, Literature, and Culture Focus

Five upper-division German language courses	20
Seven upper-division German literature and culture courses	28
German advising conference workshop [1]	1
Total Credits	**49**

[1] May be taken pass/no pass.

Of the requirements listed in the first two rows, the following must apply:

- Six courses must be taken in the UO Department of German and Scandinavian
- At least four courses must be 400-level courses with the GER subject code, two of which must be taken at the University of Oregon; one of the two must be in literature, culture, or theory
- One course may be taken pass/no pass
- Only one course taught in English may count toward the major

The following courses may not be use to satisfy major requirements:

GER199	Special Studies: [Topic]	NaN
GER327–329	German for Reading Knowledge	12
GER405	Reading and Conference: [Topic]	NaN
GER406	Special Problems: [Topic]	NaN
GER408	Workshop: [Topic]	NaN
GER409	Practicum: [Topic] [1]	NaN

[1] 4 credits of Practicum: Teaching Internship (GER 409) will satisfy a requirement for the major or minor.

Since all courses are not offered every year, plans should be made well in advance so that students can take prerequisites for 400-level courses. Specific questions should be addressed to departmental undergraduate German advisors.

Scandinavian Focus

One topical upper-division course from related field (advisor approved)	4
Three upper-division courses in one Scandinavian language or equivalent [1]	12
Eight upper-division Scandinavian literature and culture courses [2]	32
German advising conference workshop [3]	1
Total Credits	**49**

[1] If upper-division Scandinavian language courses are not offered, the student may earn credit through
- successfully completing third-year language courses abroad
- successfully completing the study of a related or relevant language (German, Latin, French)
- successfully completing a study of Old Norse
- substituting three additional upper-division Scandinavian courses

Please see advisor for guidance.

[2] Two of the eight courses may be culture and civilization courses.

[3] May be taken pass/no pass.

Of the requirements listed above, the following must apply:

- Three courses must be taken in the UO Department of German and Scandinavian
- One course may be taken pass/no pass

Proficiency in a Scandinavian language is required, demonstrated either by evaluation by the Scandinavian advisor or by successful completion (grades of mid-C or better of Second-Year Finnish (FINN203) or Second-Year Danish (DANE203) or Second-Year Norwegian (NORW203) or Second-Year Swedish (SWED203). Students who want to study in Denmark, Finland, Norway, or Sweden should plan their course work carefully in consultation with a departmental undergraduate advisor in Scandinavian.

German Studies Focus

The German studies focus combines advanced language training and German literature courses in an interdisciplinary program that includes courses in history, philosophy, political science, art history, music, religious studies, and Judaic studies. The focus is described in the **German Studies** section of this catalog.

Honors

To earn a bachelor of arts degree with departmental honors, a student must maintain at least a 3.50 grade point average (GPA) and write an honors essay or thesis approved by the departmental honors committee for 4 credits in Thesis (GER403).

Minor in German

The German minor correlates well with studies that have an international or European concentration. It is particularly useful for students of international studies, international business, European history, medieval studies, sociology, political science, journalism, linguistics, art history, music history, other languages, theater, and related fields.

Seven upper-division German courses [1]	28
Total Credits	**28**

[1] May include courses in language, literature, or culture. Only one course taught in English may be applied to the minor. No courses from other departments count toward the minor in German. Grades of at least mid-C or P (pass) must be earned in all courses used to satisfy requirements for the minor. One course may be taken pass/no pass. At least 12 credits must be taken in the UO Department of German and Scandinavian.

The following courses may not be use to satisfy minor requirements:

GER199	Special Studies: [Topic]	NaN
GER327–329	German for Reading Knowledge	12
GER405	Reading and Conference: [Topic]	NaN
GER406	Special Problems: [Topic]	NaN
GER408	Workshop: [Topic]	NaN

Minor in Scandinavian

The Scandinavian minor correlates well with studies that have an international or European concentration. It is particularly useful for students of international business, European history, sociology, political science, theater arts, and art history.

Three upper-division language courses or equivalent in one Scandinavian language	12
Three upper-division Scandinavian literature courses [1]	12
Upper-division Scandinavian culture course	4
Total Credits	**28**

[1] If upper-division Scandinavian language courses are not offered, the student may earn credit through
- successfully completing third-year language courses abroad
- successfully completing the study of a related or relevant language (German, Latin, French)
- successfully completing a study of Old Norse
- substituting three additional upper-division Scandinavian courses

Please see advisor for guidance.

Grades of at least mid-C or P (pass) must be earned to satisfy requirements for the minor. One course may be taken pass/no pass. At least three courses (12 credits) must be taken in the UO Department of German and Scandinavian.

The minor requires proficiency in a Scandinavian language, demonstrated either by evaluation by the Scandinavian advisor or by successful completion, with grades of mid-C or better, of Second-Year Finnish (FINN203) or Second-Year Danish (DANE203)or Second-Year Norwegian (NORW203) or Second-Year Swedish (SWED203).

Specific questions about the Scandinavian minor should be addressed to departmental undergraduate advisors in Scandinavian.

Minor in German Studies

The minor in interdisciplinary German studies is described in in the **German Studies** section of of this catalog.

General-Education Requirements

The Department of German and Scandinavian offers many courses, including several taught in English, that satisfy university general-education requirements. See the Group Requirements and Multicultural Requirement sections of this catalog under **Bachelor's Degree Requirements** (p. 22)**.**

Kindergarten through Secondary Teaching Careers

Students who complete the BA degree with a major in German are eligible to apply for the College of Education's fifth-year licensure program in middle-secondary teaching, or the fifth-year licensure program to become an elementary teacher. More information is available from the

department's education advisors; see also the **College of Education** section of this catalog.

Some German courses may be applied to requirements for the certificate in second-language acquisition and teaching. See the **Linguistics** section of this catalog for a description of the certificate. More information is available from department advisors.

Graduate Studies

The graduate program in German offers the master of arts (MA) in German, either through a regular two-year program or through a combined BA-MA program that enables students to complete the requirements for both the BA and the MA in German in five years. The program also offers the doctor of philosophy (PhD) degree in German, for which applicants may apply either with a BA or an MA already earned. The requirements for the PhD include one year of graded course work past the MA level and a written dissertation. The MA degree prepares students for teaching German language and culture up through the secondary-school level (in conjunction with teacher certification), while the PhD degree, as the highest degree in the field, is generally expected for an academic career involving both research and teaching.

The graduate curriculum acquaints students with the history of German letters (with a primary focus on modernity since the enlightenment), places this history in a European context, and provides tools for a critical analysis of the literary, theoretical, and cinematic discourses involved. The program encourages comparative, theoretically oriented work.

Core Curriculum

Students take one course each term. These courses are grouped according to common themes to give the program a topical and critical coherence. Core courses are paired with seminars of related or complementary content, and students are encouraged to explore connections between courses.

In the first year, core courses address a specific genre (narrative, drama, and lyric). While their content may vary with the instructor, they are intended to present in general terms the history of the genre itself and of critical thinking about that genre. In the second year, core courses have less traditional themes and present a broader concept of textuality.

GER621	Narrative	4
GER622	Drama	4
GER623	Lyric	4
GER624	Critical and Philosophical Prose [1]	4
GER625	Translations-Transformations [2]	4
GER690	Literary Studies: [Topic] [3]	4

1. Acquaints students with important aspects of German philosophical discourse since Kant.
2. Presents the theory and practice of translation. "Transformations" is added to suggest that translation is not limited to written texts (e.g., the sister arts, literature into film).
3. Various topics in research methods, literary theory, history of German literature, and advanced methodology.

Beyond course work, the program features close mentoring, including guidance for developing portfolio papers that expand on writing done for courses, and, at the PhD level, a dissertation-writing colloquium in which students and faculty members join in responding to ongoing dissertation work by students in the program.

Students should consult an appropriate advisor in the German and Scandinavian department for information about the MA degree program that emphasizes teaching German. Information and application materials are available on the department website.

Graduate Specialization in Translation Studies

Students may choose to complete a graduate specialization in translation studies. Translation studies examines the theory, description, and practice of translation, interpretation, and localization between languages and language-users. The specialization offers graduate students the opportunity to receive recognition for work in this complex academic discipline. For requirements, visit translationstudies.uoregon.edu/graduate-specialization.

Courses

DANE101. First-Year Danish. 4 Credits.
Thorough grammatical foundation in idiomatic Danish with emphasis on both reading and speaking the language. Sequence.

DANE102. First-Year Danish. 4 Credits.
Thorough grammatical foundation in idiomatic Danish with emphasis on both reading and speaking the language.
Prereq: DANE 101 or equivalent.

DANE103. First-Year Danish. 4 Credits.
Thorough grammatical foundation in idiomatic Danish with emphasis on both reading and speaking the language.
Prereq: DANE 102 or equivalent.

DANE199. Special Studies: [Topic]. 1-5 Credits.
Repeatable.

DANE201. Second-Year Danish. 4 Credits.
Review of grammar; composition, conversation. Selections from representative texts in Danish. Sequence.
Prereq: DANE 103.

DANE202. Second-Year Danish. 4 Credits.
Review of grammar; composition, conversation. Selections from representative texts in Danish.
Prereq: DANE 201.

DANE203. Second-Year Danish. 4 Credits.
Review of grammar; composition, conversation. Selections from representative texts in Danish.
Prereq: DANE 202.

DANE399. Special Studies: [Topic]. 1-5 Credits.
Repeatable.

DANE401. Research: [Topic]. 1-16 Credits.
Repeatable.

DANE403. Thesis. 1-12 Credits.
Repeatable.

DANE405. Reading and Conference: [Topic]. 1-16 Credits.
Repeatable.

DANE409. Practicum: [Topic]. 1-16 Credits.
Repeatable.

Courses

FINN101. First-Year Finnish. 4 Credits.
Thorough grammatical foundation in idiomatic Finnish with emphasis on reading and speaking the language. Sequence.

FINN102. First-Year Finnish. 4 Credits.
Thorough grammatical foundation in idiomatic Finnish with emphasis on reading and speaking the language.
Prereq: FINN 101 or equivalent.

FINN103. First-Year Finnish. 4 Credits.
Thorough grammatical foundation in idiomatic Finnish with emphasis on reading and speaking the language.
Prereq: FINN 102 or equivalent.

FINN199. Special Studies: [Topic]. 1-5 Credits.
Repeatable.

FINN201. Second-Year Finnish. 4 Credits.
Review of grammar, composition, conversation. Readings from various texts in Finnish. Sequence.
Prereq: FINN 103.

FINN202. Second-Year Finnish. 4 Credits.
Review of grammar, composition, conversation. Readings from various texts in Finnish.
Prereq: FINN 201 or equivalent.

FINN203. Second-Year Finnish. 4 Credits.
Review of grammar, composition, conversation. Readings from various texts in Finnish.
Prereq: FINN 202 or equivalent.

Courses

GER101. First-Year German. 5 Credits.
Provides a thorough grammatical foundation and an elementary reading knowledge of German as well as an understanding of the spoken language. Sequence.

GER102. First-Year German. 5 Credits.
Provides a thorough grammatical foundation and an elementary reading knowledge of German as well as an understanding of the spoken language.
Prereq: GER 101 or GER 104.

GER103. First-Year German. 5 Credits.
Provides a thorough grammatical foundation and an elementary reading knowledge of German as well as an understanding of the spoken language.
Prereq: GER 102.

GER104. Intensive First-Year German. 7 Credits.
Covers the same work as GER 101, 102, 103. Sequence with GER 105. Offered only during summer session.

GER105. Intensive First-Year German. 8 Credits.
Covers the same work as GER 101, 102, 103. Sequence with GER 104. Offered only during summer session.
Prereq: GER 102, 104, or equivalent.

GER196. Field Studies: [Topic]. 1-2 Credits.
Repeatable.

GER198. Workshop: [Topic]. 1-2 Credits.
Repeatable.

GER199. Special Studies: [Topic]. 1-5 Credits.
Repeatable.

GER201. Second-Year German. 4 Credits.
Grammar and composition, reading selections from representative authors, conversation. Sequence.
Prereq: GER 103 or 105 or equivalent.

GER202. Second-Year German. 4 Credits.
Grammar and composition, reading selections from representative authors, conversation.
Prereq: GER 201 or GER 204.

GER203. Second-Year German. 4 Credits.
Grammar and composition, reading selections from representative authors, conversation.
Prereq: GER 202.

GER204. Intensive Second-Year German. 6 Credits.
Covers the same work as GER 201, 202, 203. Sequence with GER 205. Offered only during summer session.
Prereq: GER 103, 105, or equivalent.

GER205. Intensive Second-Year German. 6 Credits.
Covers the same work as GER 201, 202, 203. Sequence with GER 204. Offered only during summer session.
Prereq: GER 202, 204, or equivalent.

GER206. Law in Literature. 4 Credits.
Introduction to German literature and key concepts of Germany's legal tradition with a focus on the connection between legal codes and their representations in fiction.

GER220M. From Kierkegaard to Kafka. 4 Credits.
Survey of the existential tradition in German and Scandinavian literature, philosophy, drama, and film. Historical and conceptual developments are considered, from Kierkegaard to Kafka. Taught in English. Multilisted with SCAN 220M.

GER221. Postwar Germany: Nation Divided. 4 Credits.
Introduction to literary and cultural movements of public dissent, including 1960s student revolutions, in postwar Germany. Conducted in English.

GER222. Voices of Dissent in Germany. 4 Credits.
Key debates in German culture, including the adequate representation of the Holocaust, literature in society, and the roles of ethnic and gender identities within the nation. Conducted in English.

GER223. Germany: A Multicultural Society. 4 Credits.
Examines the multiethnic complexities of German, Austrian, and/or Swiss societies through the writings of African, Turkish, or Jewish Germans. Period of focus varies. Conducted in English.

GER257. German Culture and Thought. 4 Credits.
Introduction to German literature, art, music, philosophy, and history, from Luther to Marx, through analysis and discussion of selected documents from different periods, genres, and media.

GER258. German Culture and Thought. 4 Credits.
Introduction to German literature, art, music, philosophy, and history, from Schopenhauer to Musil, through analysis and discussion of selected documents from different periods, genres, and media.

GER259. German Culture and Thought. 4 Credits.
Introduction to German literature, art, music, philosophy, and history, the culture of the Weimar Republic, through analysis and discussion of selected documents from different periods, genres, and media.

GER311. Intermediate Language Training. 4 Credits.
Extensive practice in speaking and writing German; complex grammatical structures in writing.
Prereq: GER 203, GER 205, or equivalent.

GER312. Intermediate Language Training. 4 Credits.
Extensive practice in speaking and writing German; complex grammatical structures in writing.
Prereq: GER 203, GER 205, or equivalent.

GER313. Intermediate Language Training. 4 Credits.
Extensive practice in speaking and writing German; complex grammatical structures in writing. Option during 313 to take the Zertifikat Deutsch exam.
Prereq: GER 312.

GER314. Intensive Intermediate Language Training. 6 Credits.
Extensive practice in speaking and writing German; complex grammatical structures in writing. Sequence with GER 315.
Prereq: GER 203, 205, or equivalent.

GER315. Intensive Intermediate Language Training. 6 Credits.
Extensive practice in speaking and writing German; complex grammatical structures in writing. Sequence with GER 314.
Prereq: GER 312, 314, or equivalent.

GER317. Study in Germany. 4 Credits.
Intensive grammar review in preparation for German exchange programs and upper-division German courses. Introduces contemporary ideas about German culture, history, architecture through journals and magazines.
Pre- or coreq: GER 203 or equivalent.

GER327. German for Reading Knowledge. 4 Credits.
Intensive practice in grammar; reading texts in the student's own field. Primarily for graduate students in other disciplines; recommended for students who want extra training in translation. Sequence GER 328, GER 329.

GER328. German for Reading Knowledge. 4 Credits.
Intensive practice in grammar; reading texts in the student's own field. Primarily for graduate students in other disciplines; recommended for students who want extra training in translation. Sequence GER 327, GER 329.
Prereq: GER 327.

GER329. German for Reading Knowledge. 4 Credits.
Intensive practice in grammar; reading texts in the student's own field. Primarily for graduate students in other disciplines; recommended for students who want extra training in translation. Sequence GER 327, GER 328.
Prereq: GER 328.

GER340. Introduction to German Culture and Society. 4 Credits.
Writings by such figures as Kant, Marx, Freud, and Weber. The emergence of Germany as a cultural and political entity explored through literature, film, and art. Readings, discussion, and written assignments in German. Offered alternate years.
Prereq: GER 311.

GER341. Introduction to German Culture and Society. 4 Credits.
Writings by such figures as Kant, Marx, Freud, and Weber. The German crisis of modernization.Readings, discussion, and written assignments in German. Offered alternate years.
Prereq: GER 311.

GER350. Genres in German Literature. 4 Credits.
Studies on such genres in German literature as Novelle, 20th-century drama, political poetry. No knowledge of German required; readings and discussions in English.

GER351. Diversity in Germany. 4 Credits.
Examines the social construction of identity in German literature and culture. Addresses topics of plural voices and tolerance in German-speaking cultures. Topics vary. Conducted in English.

GER352. Authors in German Literature. 4 Credits.
Representative works by writers such as Lessing, Schiller, Hoffmann, Brentano, Droste-Hulshoff, Kafka, Fleisser, Brecht, and Nietzsche. No knowledge of German required; readings and discussions in English.

GER354. German Gender Studies. 4 Credits.
Student oral presentations and written papers on such topics as men and women writers of German romanticism, mothers and daughters in German literature, comparison of men and women dramatists. No knowledge of German required; readings and discussions in English.

GER355. German Cinema: History, Theory, Practice. 4 Credits.
In-depth analysis of various facets of German cinema. Topics include film and the Third Reich, cinema and technology, German filmmakers in American exile, German New Wave. Conducted in English.

GER356. German Fairy Tales. 1-4 Credits.
The German fairy tale in historical and theoretical context, from the Brothers Grimm and romantic tales to adaptations by Tchaikovsky and Sendak. Taught in English.

GER357. Nature, Culture, and the Environment. 4 Credits.
Introduction to the contributions German writers, philosophers, scientists, and artists have made to changing notions of nature and its supposed opposition toculture. Offered alternate years.

GER360. Introduction to German Literature: Poetry, Plays, Prose. 4 Credits.
Introduction to textual analysis--poetry, plays, and prose from 1800 to the present--in the context of major literary movements (romanticism, realism, modernism) and their social determinants. Focus on genre: poetry, plays, and prose.
Prereq: GER 311.

GER361. Introduction to German Literature: Literary Movements. 4 Credits.
Introduction to textual analysis--poetry, plays, and prose from 1800 to the present--in the context of major literary movements (romanticism, realism, modernism) and their social determinants. Focus on literary movements.
Prereq: GER 311.

GER362. Introduction to German Literature: Interpretive Models. 4 Credits.
Introduction to textual analysis--poetry, plays, and prose from 1800 to the present--in the context of major literary movements (romanticism, realism, modernism) and their social determinants. Focus on interpretive models.
Prereq: GER 311.

GER366. Themes in German Literature. 4 Credits.
Significant literary texts organized by theme--crime and society, travels and explorations, nature and technology, relationships between the sexes, the Nazi past.
Prereq: GER 311.

GER367. Themes in German Literature. 4 Credits.
Significant literary texts organized by theme--crime and society, travels and explorations, nature and technology, relationships between the sexes, the Nazi past.
Prereq: GER 311.

GER368. Themes in German Literature. 4 Credits.
Significant literary texts organized by theme--crime and society, travels and explorations, nature and technology, relationships between the sexes, the Nazi past.
Prereq: GER 311.

GER399. Special Studies: [Topic]. 1-5 Credits.
New topics or approaches appropriate for third-year German proficiency level. Content varies; focus may be on various aspects of German language, literature, or culture and civilization. Repeatable when topic changes.
Prereq: GER 311.

GER401. Research: [Topic]. 1-16 Credits.
Repeatable.

GER403. Thesis. 1-12 Credits.
Repeatable.

GER405. Reading and Conference: [Topic]. 1-16 Credits.
Repeatable.

GER406. Special Problems: [Topic]. 1-16 Credits.
Repeatable.

GER407. Seminar: [Topic]. 1-16 Credits.
Repeatable. A recent topic is Experimental Poetry.

GER408. Workshop: [Topic]. 1-16 Credits.
Repeatable.

GER409. Practicum: [Topic]. 1-4 Credits.
Repeatable.

GER410. Experimental Course: [Topic]. 1-5 Credits.
Repeatable. Recent topics are Doppelganger and Nietzsche.

GER411. Advanced Language Training. 4 Credits.
Constant practice in speaking and writing with emphasis on complex syntactic structures as well as idiomatic nuances in German. Grammar.
Prereq: GER 311, 312, 313.

GER412. Advanced Language Training. 4 Credits.
Constant practice in speaking and writing with emphasis on complex syntactic structures as well as idiomatic nuances in German. Writing.
Prereq: GER 311, 312, 313.

GER413. Advanced Language Training. 4 Credits.
Constant practice in speaking and writing with emphasis on complex syntactic structures as well as idiomatic nuances in German. Speaking.
Prereq: GER 311, 312, 313.

GER425. Play Performance: [Topic]. 4 Credits.
Extensive practice in effective oral communication with emphasis on correct pronunciation. Reading of the play and scene rehearsals in class; public performance at end of term. Repeatable.
Prereq: GER 203, GER 205, or equivalent.

GER440. German Culture and Society" [Topic]. 4 Credits.
Cultural and sociopolitical aspects of Germany. Typical topics are the cultural history of the German forest, gender and terrorism, women and German film, peace movements. Repeatable when topic changes.
Prereq: one upper-division course GER literature or culture.

GER460. German Literature: [Topic]. 4 Credits.
Representative writers (e.g., Lessing, Heine, Kafka, Brecht, Bachmann, or Wolf) or pervasive themes (e.g., peace movements, art and illusion, family and society, history and literature, the political imagination). Repeatable when topic changes.
Prereq: one upper-division course GER literature or culture.

GER503. Thesis. 1-16 Credits.
Repeatable.

GER507. Seminar: [Topic]. 1-16 Credits.
Repeatable. A recent topic is Experimental Poetry.

GER508. Workshop: [Topic]. 1-16 Credits.
Repeatable.

GER510. Experimental Course: [Topic]. 1-5 Credits.
Repeatable. Recent topics are Doppelganger and Nietzsche.

GER540. German Culture and Society: [Topic]. 4 Credits.
Cultural and sociopolitical aspects of Germany. Typical topics are the cultural history of the German forest, gender and terrorism, women and German film, peace movements. Repeatable when topic changes.

GER560. German Literature: [Topic]. 4 Credits.
Representative writers (e.g., Lessing, Heine, Kafka, Brecht, Bachmann, or Wolf) or pervasive themes (e.g., peace movements, art and illusion, family and society, history and literature, the political imagination). Repeatable when topic changes.
Prereq: one upper-division course GER literature or culture.

GER601. Research: [Topic]. 1-6 Credits.
Repeatable.

GER602. Supervised College Teaching. 1-5 Credits.
Repeatable.

GER603. Dissertation. 1-16 Credits.
Repeatable.

GER605. Reading and Conference: [Topic]. 1-16 Credits.
Repeatable.

GER607. Seminar: [Topic]. 1-5 Credits.
Repeatable. A recent topic is Weimar Modernisms.

GER608. Colloquium: [Topic]. 1-16 Credits.
Repeatable.

GER609. Practicum: [Topic]. 1-16 Credits.
Repeatable.

GER610. Experimental Course: [Topic]. 1-5 Credits.
Repeatable.

GER621. Narrative. 4 Credits.
Analysis and theory of narrative texts. Repeatable when topic changes.

GER622. Drama. 4 Credits.
Analysis and theory of dramatic texts. Repeatable when topic changes.

GER623. Lyric. 4 Credits.
Analysis and theory of lyric texts. Repeatable when topic changes.

GER624. Critical and Philosophical Prose. 4 Credits.
Examines important aspects of German philosophy. Repeatable when topic changes.

GER625. Translations-Transformations. 4 Credits.
Presents the theory and practice of translation and other transformation media (e.g., the sister arts, literature into film). Repeatable when topic changes.

GER666. Genres of German Literature: [Topic]. 4 Credits.
Generally focuses on a single genre such as drama, poetry, or prose. Further limited by a time frame or subgenre such as historical drama, ballad, or Novelle. Repeatable when topic changes.

GER690. Literary Studies: [Topic]. 4 Credits.
Research methods, literary theory, history of German literature, and advanced methodology. Typical topics include contemporary theory, major German critics, literature and nonliterary forms. Repeatable when topic changes.

Courses

NORW101. First-Year Norwegian. 5 Credits.
Thorough grammatical foundation in idiomatic Norwegian with emphasis on both reading and speaking the language. Sequence.

NORW102. First-Year Norwegian. 5 Credits.
Thorough grammatical foundation in idiomatic Norwegian with emphasis on both reading and speaking the language.
Prereq: NORW 101.

NORW103. First-Year Norwegian. 5 Credits.
Thorough grammatical foundation in idiomatic Norwegian with emphasis on both reading and speaking the language.
Prereq: NORW 102.

NORW199. Special Studies: [Topic]. 1-5 Credits.
Repeatable.

NORW201. Second-Year Norwegian. 4 Credits.
Review of grammar; composition, conversation. Readings from various texts in Norwegian. Sequence.
Prereq: NORW 103.

NORW202. Second-Year Norwegian. 4 Credits.
Review of grammar; composition, conversation. Readings from various texts in Norwegian.
Prereq: NORW 201.

NORW203. Second-Year Norwegian. 4 Credits.
Review of grammar; composition, conversation. Readings from various texts in Norwegian.
Prereq: NORW 202 or equivalent.

NORW399. Special Studies: [Topic]. 1-5 Credits.
Repeatable.

NORW401. Research: [Topic]. 1-16 Credits.
Repeatable.

NORW403. Thesis. 1-12 Credits.
Repeatable.

NORW405. Reading and Conference: [Topic]. 1-16 Credits.
Repeatable.

NORW409. Practicum: [Topic]. 1-16 Credits.
Repeatable.

Courses

SCAN196. Field Studies: [Topic]. 1-2 Credits.
Repeatable.

SCAN198. Workshop: [Topic]. 1-2 Credits.
Repeatable.

SCAN199. Special Studies: [Topic]. 1-5 Credits.
Repeatable.

SCAN220M. From Kierkegaard to Kafka. 4 Credits.
Survey of the existential tradition in German and Scandinavian literature, philosophy, drama, and film. Historical and conceptual developments are considered, from Kierkegaard to Kafka. Taught in English. Multilisted with GER 220M.

SCAN251. Text and Interpretation. 4 Credits.
Introduction to textual analysis; explores the relationship between experience, description, and identity through the reading and viewing of Scandinavian literature and film. Taught in English.

SCAN259. Vikings through the Icelandic Sagas. 4 Credits.
Introduction to the social, political, and cultural expressions of Viking society through the Sagas, the unique prose narratives of medieval Iceland. Conducted in English.

SCAN315. Nordic Cinema. 4 Credits.
Examines cinematic culture in the Nordic countries of Denmark, Finland, Iceland, Norway, and Sweden. Includes works by Ingmar Bergman and the Danish group Dogma 95. Taught in English.

SCAN316. History of Cinema. 4 Credits.
A survey of Nordic cinema from the silent era to the present. Films will be viewed and analyzed within their aesthetic and historical contexts. Taught in English. Offered alternate years.

SCAN317. Directors, Movements, and Manifestos. 4 Credits.
A directed study of specific directors, movements, and manifestos from the Nordic cinematic tradition. Taught in English. Offered alternate years.

SCAN325. Constructions versus Constrictions of Identity. 4 Credits.
Explores the notion of regional, ethnic, gender, and class identity in Scandinavian texts and culture. Topics include immigrant-emigrant experience, lore of the Arctic, folklore, Finland-Swedish writing. Conducted in English.

SCAN341. Revisions of the Scandinavian Dream. 4 Credits.
Examines development of Scandinavian countries from impoverished kingdoms on the European periphery to modern, multicultural welfare societies. Analyzes patterns in the arts, social and political structures, ecological issues. Taught in English.

SCAN343. Norse Mythology. 4 Credits.
Critical evaluation of the religious beliefs in Scandinavia from prehistory through the Viking Age. Taught in English. Offered alternate years.

SCAN344. Medieval Hero and Monster. 4 Credits.
Study of medieval Scandinavian and Germanic literature addressing the remarkably fine line drawn between the heroes and monsters depicted. Offered alternate years.

SCAN351. Periods in Scandinavian Literature. 4 Credits.
Possible topics are modern breakthrough and modernism in Scandinavian literature. Student discussion, oral presentations, and written papers. Readings and discussions in English.

SCAN352. Topics in Scandinavian Literature. 4 Credits.
Topics include war and peace, folk literature, film as narrative. Student discussion, oral presentations, and written papers. Readings and discussions in English.

SCAN353. Scandinavian Women Writers. 4 Credits.
Examines social issues, especially gender, in literature written by women from Denmark, Finland, Iceland, Norway, and Sweden. Primary emphasis on 19th- and 20th-century texts.

SCAN354. Genres in Scandinavian Literature. 4 Credits.
Recent topics include short narrative fiction and Scandinavian drama. Student discussion, oral presentations, and written papers. Readings and discussions in English.

SCAN399. Special Studies: [Topic]. 1-5 Credits.
Repeatable.

SCAN401. Research: [Topic]. 1-21 Credits.
Repeatable.

SCAN403. Thesis. 1-12 Credits.
Repeatable.

SCAN405. Reading and Conference: [Topic]. 1-21 Credits.
Repeatable.

SCAN406. Special Problems: [Topic]. 1-21 Credits.
Repeatable.

SCAN407. Seminar: [Topic]. 1-5 Credits.
Repeatable.

SCAN408. Workshop: [Topic]. 1-21 Credits.
Repeatable.

SCAN409. Practicum: [Topic]. 1-3 Credits.
Repeatable.

SCAN410. Experimental Course: [Topic]. 1-5 Credits.
Repeatable.

SCAN507. Seminar: [Topic]. 1-5 Credits.
Repeatable.

SCAN508. Workshop: [Topic]. 1-21 Credits.
Repeatable.

SCAN510. Experimental Course: [Topic]. 1-5 Credits.
Repeatable.

SCAN605. Reading and Conference: [Topic]. 1-16 Credits.
Repeatable.

SCAN609. Practicum: [Topic]. 1-16 Credits.
Repeatable.

Courses

SWED101. First-Year Swedish. 5 Credits.
Thorough grammatical foundation in idiomatic Swedish with emphasis on both reading and speaking. Sequence.

SWED102. First-Year Swedish. 5 Credits.
Thorough grammatical foundation in idiomatic Swedish with emphasis on both reading and speaking.
Prereq: SWED 101.

SWED103. First-Year Swedish. 5 Credits.
Thorough grammatical foundation in idiomatic Swedish with emphasis on both reading and speaking.
Prereq: SWED 102.

SWED199. Special Studies: [Topic]. 1-5 Credits.
Repeatable.

SWED201. Second-Year Swedish. 4 Credits.
Review of grammar; composition, conversation. Readings from contemporary texts in Swedish. Sequence.
Prereq: SWED 103.

SWED202. Second-Year Swedish. 4 Credits.
Review of grammar; composition, conversation. Readings from contemporary texts in Swedish.
Prereq: SWED 201.

SWED203. Second-Year Swedish. 4 Credits.
Review of grammar; composition, conversation. Readings from contemporary texts in Swedish.
Prereq: SWED 202.

SWED301. Third-Year Swedish. 4 Credits.
Historical survey of Sweden, reading of modern Swedish texts, spoken and written practice. Sequence.
Prereq: SWED 203.

SWED302. Third-Year Swedish. 4 Credits.
Historical survey of Sweden, reading of modern Swedish texts, spoken and written practice.
Prereq: SWED 301.

SWED303. Third-Year Swedish. 4 Credits.
Historical survey of Sweden, reading of modern Swedish texts, spoken and written practice.
Prereq: SWED 302.

SWED399. Special Studies: [Topic]. 1-5 Credits.
Repeatable.

SWED401. Research: [Topic]. 1-16 Credits.
Repeatable.

SWED403. Thesis. 1-12 Credits.
Repeatable.

SWED405. Reading and Conference: [Topic]. 1-16 Credits.
Repeatable.

SWED409. Practicum: [Topic]. 1-16 Credits.
Repeatable.

German Studies

Jeffrey S. Librett, Program Director
541-346-0649
541-346-4051
202 Friendly Hall
1250 University of Oregon
Eugene, Oregon 97403-1250

The German Studies Program is supervised by the German Studies Committee, a group of scholars in the humanities, music, and social sciences who share a common interest in German culture, letters, history, and society.

The influence of German culture and letters on modern life is incalculable. In philosophy and religion; in sociology and psychology; in music, law, political science, and history—in every one of these fields and more, German-speaking thinkers have helped define our perception of the world. German studies is an interdisciplinary program that offers undergraduates the opportunity to study these many influences in context with the society and cultures that produced them. It combines advanced language training with an interdisciplinary program of study that integrates courses in history, philosophy, political science, art history, music history, religious studies, and Judaic studies with the language and literature courses offered in the Department of German and Scandinavian. Students who choose the German studies focus for the German major are encouraged to develop their language skills in German with an emphasis on reading and writing and to use these tools in all their course work.

Participating Faculty

Susan C. Anderson, German and Scandinavian

Judith Baskin, Judaic studies

Jack Boss, music

Kenneth S. Calhoon, comparative literature

Joyce Cheng, history of art and architecture

James R. Crosswhite, English

Joseph Fracchia, honors college

Lisa Freinkel, English

Gantt Gurley, German and Scandinavian

Kenneth Helphand, landscape architecture

Julie Hessler, history

Martin Klebes, German and Scandinavian

Lori Kruckenberg, music

Jeffrey Librett, German and Scandinavian

Katharina Loew, German and Scandinavian

David M. Luebke, history

Alexander Mathas, German and Scandinavian

John McCole, history

Ian F. McNeely, history

Albert Narath, history of art and architecture

Dorothee Ostmeier, German and Scandinavian

Sherwin Simmons, art history

Marian Smith, music

Michael Stern, German and Scandinavian

Bruce Harwood Tabb, UO Libraries

Daniela Vallega-Neu, philosophy

Peter Warnek, philosophy

Rocio Zambrana, philosophy

- **Bachelor of Arts**
- **Minor**

Undergraduate Studies

More information about courses applicable to the German studies focus or the German studies minor is available from the undergraduate advisor for German or the director of the German Studies Committee.

For students interested in combining such a major or minor with a European studies certificate, see the European Studies (http://uoregon.edu/~gerscan/german/gerstudiesmajor.htm) section of this catalog.

Bachelor of Arts, German: German Studies Focus

German studies is a focus for the German major offered by the Department of German and Scandinavian.

Requirements

Five upper-division courses taught in German [1]	20
Four upper-division courses from at least two of the following fields: [1]	16
Philosophy and religion [1]	
History and politics	
Art history and music	
Three upper-division electives	12
German advising conference workshop [2]	1
Total Credits	**49**

1. Five courses must be at the 400 level, and one course must address topics from the period before 1800.
2. Pass/no pass.

The German Studies Committee encourages its majors to spend all or part of a year studying abroad through the Baden-Württemberg exchange program, sponsored by the Oregon University System.

Minor in German Studies

Requirements

Select three of the following:		12
GER311–313	Intermediate Language Training	
GER317	Study in Germany	
GER340–341	Introduction to German Culture and Society	
GER350	Genres in German Literature	
GER351	Diversity in Germany	
GER352	Authors in German Literature	
GER354	German Gender Studies	
GER355	German Cinema: History, Theory, Practice	
GER356	German Fairy Tales	
GER360	Introduction to German Literature: Poetry, Plays, Prose	
GER361	Introduction to German Literature: Literary Movements	
GER362	Introduction to German Literature: Interpretive Models	
GER366–368	Themes in German Literature	
GER399	Special Studies: [Topic]	
GER407	Seminar: [Topic]	
GER409	Practicum: [Topic] (Internship Teaching German)	
GER410	Experimental Course: [Topic]	
GER411–413	Advanced Language Training	
GER425	Play Performance: [Topic]	
GER440	German Culture and Society" [Topic]	
GER460	German Literature: [Topic]	
Select four from at least two of the following fields:		16

Philosophy and Religion	
HIST410	Experimental Course: [Topic] (Modern European Social Thought)
HIST427	Intellectual History of Modern Europe: [Topic]
HIST441	16th-Century European Reformations
HIST442	Early Modern German History: [Topic]
PHIL312	History of Philosophy: 19th Century
PHIL343	Critical Theory
PHIL415	Continental Philosophy: [Topic]
PHIL433	17th- and 18th-Century Philosophers: [Topic]
PHIL453	19th-Century Philosophers: [Topic]
PHIL463	20th-Century Philosophers: [Topic]
JDST212	Medieval and Early Modern Judaism
JDST213	The Jewish Encounter with Modernity
History and Politics	
HIST342	German History: [Topic]
HIST420	The Idea of Europe
HIST428	Europe in the 20th Century: [Topic]
HIST435	Revolutionary and Napoleonic Europe
HIST442	Early Modern German History: [Topic]
HIST443	Modern Germany: [Topic]
PS431	Political Theory: Renaissance, Reformation, and Early Modern
PS433	Marxism and Radical Thought
SOC475	Marxist Sociological Theory
Art History and Music	
ARH331	Cultures of the Medieval West
ARH344	Northern Baroque Art
ARH351	19th-Century Art
ARH353	Modern Art, 1880–1950
ARH358	History of Design
ARH454	Modern German Art
MUS351	The Music of Bach and Handel
Total Credits	**28**

Additional Requirements

The German studies minor requires second-year language proficiency.

Three courses for the minor must be taken on the University of Oregon campus, at least one of them in the Department of German and Scandinavian. Grades of at least mid-C or P (pass) must be earned in all courses used to satisfy requirements for the minor. Only one course may be taken pass/no pass.

To count toward the German studies minor, generic courses numbered 399, 407, 410, and permanently numbered courses with changing topics must have approval from the German studies advisor to ensure that the course has a substantive emphasis on German studies.

History

Ellen Herman, Department Head
541-346-3118
275 McKenzie Hall

The study of history offers a framework for a liberal education and the background that is essential for understanding the contemporary world. Through analyzing interpretive studies, accounts by witnesses to past events, and historical records, students come to appreciate the complexity of human experience. By examining changes in the past, they develop a broad perspective and the ability to weigh evidence and argument.

Faculty

Carlos Aguirre, professor (Latin America). BA, 1986, Lima (Peru); MA, 1990, Peru; PhD, 1996, Minnesota. (1996)

Nathanael Andrade, assistant professor (ancient Greece and Rome). BA, 2002, Wesleyan; PhD, 2009, Michigan, Ann Arbor. (2012)

Ina Asim, associate professor (premodern China). MA, 1982, PhD, 1992, Dr. phil. habil., 2001, Wurzburg. (2002)

Lindsay F. Braun, associate professor (Africa). BS, 1994, Eastern Michigan; MA, 1997, Michigan State; PhD, 2008, Rutgers. (2009)

Matthew Dennis, professor (early American cultural and environmental). BA, 1977, California, Irvine; MA, 1979, PhD, 1986, California, Berkeley. (1988)

Alexander Dracobly, senior instructor (modern Europe, military, medical). BA, 1987, Grinnell; MA, 1989, PhD, 1996, Chicago. (1995)

Andrew E. Goble, professor (premodern Japan, medical history, East Asia). BA, 1975, MA, 1981, Queensland; PhD, 1987, Stanford. (1990)

Bryna Goodman, professor (modern China). BA, 1978, Wesleyan; MA, 1982, PhD, 1990, Stanford. (1991)

Jeffrey E. Hanes, associate professor (modern Japan). AB, 1973, Williams; MA, 1978, PhD, 1988, California, Berkeley. (1993)

Robert S. Haskett, professor (Latin America). BA, 1975, California, Long Beach; MA, 1978, PhD, 1985, California, Los Angeles. (1988)

Ellen Herman, professor (modern United States). BA, 1979, Michigan; PhD, 1993, Brandeis. (1997)

Julie Hessler, associate professor (20th-century Russia, Europe). BA, 1988, Yale; MA, 1989, PhD, 1996, Chicago. (1995)

R. Alan Kimball, associate professor (modern Russia). BA, 1961, Kansas; MA, 1963, PhD, 1967, Washington (Seattle). (1967)

David M. Luebke, professor (early modern Europe, Germany). BA, 1983, Nebraska; PhD, 1990, Yale. (1997)

Glenn A. May, professor (Southeast Asia, American foreign relations). BA, 1966, MPhil, 1971, PhD, 1975, Yale. (1983)

John McCole, associate professor (European intellectual, cultural, and social; modern Europe; historiography and theory). BA, 1975, Brown; MA, 1982, PhD, 1988, Boston. (1994)

Randall E. McGowen, professor (modern Britain). BA, 1970, American; MA, 1971, PhD, 1979, Illinois. (1982)

Ian F. McNeely, professor (Europe, the world). AB, 1992, Harvard; MA, 1993, PhD, 1998, Michigan. (2000)

James C. Mohr, College of Arts and Sciences Distinguished Professor; Philip H. Knight Professor (19th-century United States). BA, 1965, Yale; MA, 1966, PhD, 1969, Stanford. (1992)

Jeffrey Ostler, Carrie C. Beekman Professor of Northwest and Pacific History(American West). BA, 1979, Utah; MA, 1984, Oregon; PhD, 1990, Iowa. (1990)

George J. Sheridan Jr., associate professor (France, European socioeconomic). BA, 1969, Princeton; MA, 1974, PhD, 1978, Yale. (1976)

Arafaat Valiani, associate professor (South Asia). BFA, 1996, Concordia; MA, 1997, London School of Economics and Political Science; PhD, 2005, Columbia. (2012)

Marsha Weisiger, Rocky and Julie Dixon Chair in US Western History; associate professor (environmental, Native American, American West). BA, 1978, Arizona State; MA, 1991, PhD, 2000, Wisconsin, Madison. (2010)

Julie Weise, assistant professor (20th-century United States, modern Mexico, global migration). BA, 2000, MA 2005, MPhil, 2006, PhD, 2009, Yale. (2013)

Lisa Wolverton, professor (medieval Europe). BSFS, 1986, Georgetown; MMS, 1991, PhD, 1997, Notre Dame. (2000)

Reuben Zahler, associate professor (Latin America). BA, 1991, Cornell; MA, 1999, PhD, 2005, Chicago. (2012)

Emeriti

Raymond Birn, professor emeritus. AB, 1956, New York University; MA, 1957, PhD, 1961, Illinois. (1961)

Leslie Decker, professor emeritus. BA, 1951, Maine; MA, 1952, Oklahoma State; PhD, 1961, Cornell. (1969)

Paul S. Holbo, professor emeritus; vice provost emeritus, academic affairs. BA, 1951, Yale; MA, 1955, PhD, 1961, Chicago. (1959)

Jack P. Maddex, professor emeritus. BA, 1963, Princeton; PhD, 1966, North Carolina. (1966)

Mavis Howe Mate, professor emerita. BA, 1956, MA, 1961, Oxford; PhD, 1967, Ohio State. (1974)

John Nicols, professor emeritus. AB, 1966, California, Berkeley; MA, 1968, PhD, 1974, California, Los Angeles. (1980)

Daniel A. Pope, professor emeritus. BA, 1966, Swarthmore; MA, 1968, PhD, 1973, Columbia. (1975)

Louise Carroll Wade, professor emerita. BA, 1948, Wellesley; PhD, 1954, Rochester. (1975)

The date in parentheses at the end of each entry is the first year on the University of Oregon faculty.

Participating

Judith R. Baskin, Judaic studies

Robert Bussel, Labor Education and Research Center

Mark Carey, honors college

James D. Fox, library

Ocean Howell, honors college

Vera Keller, honors college

Roxann Prazniak, honors college

Elizabeth Reis, women's and gender studies

Daniel Rosenberg, honors college

Gretchen Soderlund, journalism and communication

- **Bachelor of Arts**
- **Bachelor of Science**
- **Minor**

Undergraduate Studies

Students who plan to major in history should include in their high school studies four years of social studies, four years of English, and preparation in a second language. Students who transfer to the university at the end of their sophomore year should have completed a year of college-level history and at least one year of a second language.

Careers

History provides a foundation for careers in teaching, journalism, international endeavors, law, foreign service, business, government, ministry, librarianship, museum and archival work, and historic preservation. Work beyond the bachelor's degree is required in many of these fields.

Advising and Entering the Major

The Department of History requires students to have formal advising at the time that they enter the major. The advising coordinator assigns each student a faculty advisor who reviews departmental requirements and helps the student develop a plan that directs the course of study and ensures timely completion of the requirements. The faculty advisor is available for periodic review of the program and of progress in the major.

A staff of undergraduate peer advisors is available in the history peer advising office to help majors and prospective majors at any stage of their academic careers. Peer advisors are trained in university and history major requirements, and they are a resource for information about graduate programs in history, careers in history, and history-related activities in the university and the community. Students may obtain a checklist outlining the major in the history office and in the history peer advising office.

Forms and checklists for majors and minors may be found online at history.uoregon.edu/undergraduate/forms.

Bachelor's Degree Requirements

The Department of History offers two undergraduate degrees, a bachelor of arts (BA) and a bachelor of science (BS). Requirements are the same for both.

All history majors, regardless of whether they are earning a BA or BS, must fulfill the second-language requirement associated with the university's bachelor of arts general-education requirement. They must

demonstrate proficiency in a second language either by completing, with a C– or better or P, at least the third term, second year of a second language. History courses that satisfy major requirements must be taken for letter grades. Specific requirements follow:

Bachelor of Arts Requirements

Upper-Division History Courses	33
21 credits at the 400 level, including a 5-credit Seminar (HIST407) [1]	
8 credits in history before 1800	
8 credits in each of three concentration areas selected from a list of six historical fields [2]	
Additional History Courses [3]	12
Total Credits	**45**

1. No more than 8 credits of Reading and Conference (HIST 405) may be used to fulfill major requirements.
2. Historical fields: 1) Europe, 2) United States, 3) Africa and the Middle East, 4) Asia, 5) Latin America, 6) World
3. Upper or lower division

Additional Requirements

In exceptional circumstances, a term paper written in Colloquium: [Topic] (HIST408) or in a 400-level course may be expanded into a research paper. Students who have secured approval from the director of undergraduate studies for this option enroll in Reading and Conference: [Topic] (HIST405) for 2 graded credits. The arrangement for writing a research paper based on the term paper is one that requires not only the approval of the director of undergraduate studies but also the agreement of the instructor in the relevant 400-level course to teach the reading and conference course and to supervise the writing of the research paper. This procedure for writing a research paper does not duplicate the seminar experience. It should not be used to compensate for a student's lack of planning or preparation. It is permitted only when there are strong pedagogical reasons for pursuing it.

A grade point average (GPA) of 2.50 or higher is required in history courses taken at the University of Oregon. A mid-C or better is required in courses taken to fulfill the research paper requirement. Majors who maintain a GPA of 3.50 or better qualify for the history honors track. More information on this option may be found on the department website.

A total of 21 upper-division credits, including three courses numbered 408, 410–499, and all courses taken to fulfill the research paper requirement must be taken at the University of Oregon.

Bachelor of Science Requirements

Upper-Division History Courses	33
21 credits at the 400 level, including a 5-credit Seminar (HIST407) [1]	
8 credits in history before 1800	
8 credits in each of three concentration areas selected from a list of five historical fields [2]	
Additional History Courses [3]	12
Total Credits	**45**

1. No more than 8 credits of Reading and Conference (HIST 405) may be used to fulfill major requirements.
2. Historical fields: 1) Europe, 2) United States, 3) Africa and the Middle East, 4) Asia, 5) Latin America.
3. Upper or lower division

Additional Requirements

In exceptional circumstances, a term paper written in Colloquium: [Topic] (HIST408) or in a 400-level course may be expanded into a research paper. Students who have secured approval from the director of undergraduate studies for this option enroll in Reading and Conference: [Topic] (HIST405) for 2 graded credits. The arrangement for writing a research paper based on the term paper is one that requires not only the approval of the director of undergraduate studies but also the agreement of the instructor in the relevant 400-level course to teach the reading and conference course and to supervise the writing of the research paper. This procedure for writing a research paper does not duplicate the seminar experience. It should not be used to compensate for a student's lack of planning or preparation. It is permitted only when there are strong pedagogical reasons for pursuing it.

A grade point average (GPA) of 2.50 or higher is required in history courses taken at the University of Oregon. A mid-C or better is required in courses taken to fulfill the research paper requirement. Majors who maintain a GPA of 3.50 or better qualify for the history honors track. More information on this option may be found on the department website.

A total of 21 upper-division credits, including three courses numbered 408, 410–499, and all courses taken to fulfill the research paper requirement must be taken at the University of Oregon.

History Honors Program

The honors program provides an opportunity for capable and highly motivated history majors to develop their interests in historical research by writing a thesis during the senior year. To be eligible for admission to the program, students must have completed at least 28 credits in history, of which at least 16 upper-division credits must have been taken at the University of Oregon. The grade point average in all history courses must be 3.50 or better. Students who satisfactorily complete the thesis and related work and fulfill the requirements of the history major are eligible for a bachelor’s degree with honors in history. Information about procedures for admission to the honors program, the course of study, the nature of the thesis, and the oral examination on the thesis may be obtained from the history department staff.

Minor Requirements

These new requirements became effective at the beginning of winter term 2010. Minors who signed up when the previous plan was in force may opt to fulfill the requirements of the 2010 plan, although they must formally declare their intention to do so with the director of undergraduate studies of the Department of History.

At least 20 credits—including at least 8 400-level credits—must be completed at the University of Oregon. Courses in history before 1800 and non-European or non-U.S. history require a grade of C– or better to apply toward the minor requirements. Four of the credits may be completed at the lower division. Specific requirements follow:

History Courses	28
24 upper-division credits [1]	

4 credits in a course on history before 1800	
4 upper-division credits in a course that does not focus on either European or United States history	

[1] 12 of the 24 credits must be at the 400 level (three courses from among HIST 408, 410–499).

Additional Requirements

A grade point average (GPA) of 2.50 or higher is required in history courses taken at the University of Oregon.

Advising and Entering the Minor

To declare a minor in history, students must first have a formal advising session with the director of undergraduate studies. The director aids the student in developing and directing a plan of study that ensures timely completion of the requirements.

A staff of undergraduate peer advisors is available in the History Peer Advising Office to help minors and prospective minors at any stage of their academic careers. Peer advisors are trained in university and history minor requirements as well as information on graduate programs, careers, and other history-related activities.

Kindergarten through Secondary Teaching Careers

Students completing a degree with a major in history are eligible to apply for the College of Education's fifth-year licensure program in middle-secondary teaching in social studies. Students may also apply to the fifth-year licensure program to become an elementary teacher. More information is available from the department's education advisor, Robert Haskett; see also the **College of Education** section of this catalog.

- **Master of Arts**
- **Doctor of Philosophy**

Graduate Studies

The department offers graduate instruction leading to the degrees of master of arts (MA) and doctor of philosophy (PhD) specializing in colonial America and the United States, Europe, East and Southeast Asia, Latin America, and Africa.

Admission

Applicants must submit the following items to be considered for admission to the graduate program in history:

1. A completed UO Graduate Admission Application
2. Transcripts of all college work
3. Three letters of recommendation
4. Scores on the verbal, quantitative, and analytical sections of the Graduate Record Examinations (GRE)
5. Test of English as a Foreign Language (TOEFL) scores for international students
6. A sample of written work and a statement of academic purpose

A number of graduate awards in the form of graduate teaching fellowships are available each year for entering graduate students.

Fields of Study

The primary fields are ancient history, medieval Europe, Europe 1400–1815, Europe since 1789, Russia, colonial America and the United States, East Asia, Southeast Asia, Latin America, and Africa.

Master of Arts Degree Requirements

The department recently adopted new requirements (listed below) for MA students entering in fall 2008 and subsequent years. Students who entered before this date are still subject to the old requirements, which are still available on the department website.

Applicants are expected to have completed an undergraduate degree in the liberal arts with emphasis on history. The MA program is typically completed in two years of full-time study. Before receiving the degree, students must demonstrate competence in a second language.

Students must write a master's thesis or complete two substantial research papers in the primary field and defend the thesis or research papers in an oral examination.

Major Field Requirement

Students must declare a major field of study, chosen in consultation with a faculty advisor.

Plan of Study

By the end of the first term in the program, students are required to file a plan of study, signed by the advisor, in which they state their major field, list all anticipated course work, and specify their language requirement. The plan of study may be modified later by agreement of both student and advisor. All plans of study are reviewed and approved by the director of graduate studies.

HIST611	Field Readings [1]	5
HIST612	Historical Methods and Writings [2]	5
HIST615	Professional Development [3]	1
HIST616	Graduate Student Conference [4]	1
HIST507	Seminar: [Topic] (two seminars)	5
orHIST607	Seminar: [Topic]	
HIST608	Colloquium: [Topic] (two colloquia) [5]	5

[1] Completed during the first two terms of the first year. This requirement may also be satisfied by completion of (1) an appropriate 500-level course, approved by an advisor, or (2) Colloquium: [Topic] (HIST608), if equivalent to Field Readings (HIST611).

[2] Taken fall term.

[3] Taken winter term.

[4] Taken spring term.

[5] Student may petition to replace Colloquium: [Topic] (HIST608) with Colloquium: [Topic] (HIST508).

Language Requirement

All MA students must demonstrate proficiency in at least one foreign language by passing an exam that tests the ability to read and comprehend a passage of average difficulty drawn from primary sources or the secondary literature. The language exam is offered once each term during the regular academic year.

Advisors must approve the choice of language. MA students whose thesis or research papers require work in foreign language sources are strongly urged to complete this requirement by the end of the first year of study. Advisors may set higher standards or include additional languages in which students must demonstrate competence. These standards should be established at the time a faculty member accepts a graduate student and fills out the plan of study form.

Writing Requirement

There are two options for satisfying the major writing requirement for the MA:

- A students must complete a master's thesis in his or her major focus of study and pass an oral defense of the thesis before a committee of three faculty members
- A student must complete two substantial research papers and pass an oral defense of these papers before a committee of three faculty members. For the purposes of this option, a research paper is defined as a paper of twenty-five pages or more, based on primary source research

Students completing the thesis option may enroll in a maximum of 10 credits of Thesis (HIST503), usually in the winter and spring of their second year. Students choosing the research papers option may register for 5 credits of Research: [Topic] (HIST601), usually in either winter or spring of their second year.

Under ordinary circumstances, it takes students two full years of work to complete this program.

Doctor of Philosophy Degree Requirements

The department recently adopted new requirements (listed below) for PhD students entering in fall 2008 and subsequent years. Students who entered before this date are still subject to the old requirements, which are still available on our website.

Typically, incoming PhD students who enter with a master's degree are expected to have completed the equivalent of the history department's MA program. Students admitted on the BA-to-PhD track complete the program's MA requirements as they progress toward their PhD degrees. In some cases, doctoral students might be admitted without having fulfilled some of these prerequisites—for example, a course equivalent to Historical Methods and Writings (HIST612). If this is the case, doctoral students will be required to take Historical Methods and Writings (HIST612), Professional Development (HIST615), and Graduate Student Conference (HIST616).

PhD students prepare themselves in three fields, as follows:

1. **Major Research Field.** A specific, more narrowly defined field—typically, the area of one's dissertation, as conventionally understood
2. **Major Teaching Field**. A general, more broadly defined field that encompasses the research field but is more extensive—typically, a teaching field, as conventionally understood
3. **Minor Thematic, Methodological, or Comparative Field.** Typically the theme, method, or comparison to be advanced in the dissertation

For example, a student of modern France might choose modern France as a major research field, modern Europe as a major teaching field, and gender history, intellectual history, or military history as a minor thematic field. A student of China might take a major research field in modern China, a teaching field in China, and a minor comparative field in Japan.

Plan of Study

By the end of the first term in the program, students are required to file a plan of study, signed by the advisor, in which they state their major field, list all anticipated course work, and specify their language requirement. The plan of study may be modified later by agreement of both student and advisor. All plans of study are reviewed and approved by the director of graduate studies.

An entering PhD student lacking the equivalent to Historical Methods and Writings (HIST612) must take the same HIST 612, 615, 616 sequence (http://history.uoregon.edu/graduate/ma/#course) as that required of MA. students (see table below). This requirement may be waived for incoming students with sufficient preparation based on prior graduate work.

HIST611	Field Readings [1]	5
HIST612	Historical Methods and Writings [2]	5
HIST615	Professional Development [3]	1
HIST616	Graduate Student Conference [4]	1
HIST507	Seminar: [Topic] (two seminars)	5
orHIST607	Seminar: [Topic]	
HIST608	Colloquium: [Topic] (two colloquia) [5]	5

1. Completed during the first two terms of the first year. This requirement may also be satisfied by completion of (1) an appropriate 500-level course, approved by an advisor, or (2) Colloquium: [Topic] (HIST608), if equivalent to Field Readings (HIST611).
2. Taken fall term.
3. Taken winter term.
4. Taken spring term.
5. Student may petition to replace Colloquium: [Topic] (HIST608) with Colloquium: [Topic] (HIST508).

Additional Requirements

- **Minor Field.** Two courses at the 500 or 600 level that, together, define a thematic, methodological, or comparative field. A nonhistory course may be used with approval
- One additional course at the 500 or 600 level in history or another field
- **Distribution Requirement.** PhD students are required to take two courses focusing on subjects outside their country or region of geographic specialization

There is no total credit requirement for the PhD—rather, the Graduate School stipulates both a minimum (per term) credit requirement and a residency requirement (http://gradschool.uoregon.edu/?page=residencyEnrollmentRequirements).

Language Requirement

PhD students must demonstrate proficiency in at least one foreign language by passing an exam that tests their ability to read and comprehend a passage of average difficulty drawn from primary sources or the secondary literature. The language exam is offered once each term during the regular academic year.

Advisors must approve the choice of language. The language requirements of PhD students, however, will vary according to field. Students admitted into the PhD program should have the language preparation required to enable historical work in their field. Some additional language study might be required by individual advisors as an essential part of a student's PhD work. These standards should be established at the time a faculty member accepts a graduate student and fills out the plan of study form.

Oral Comprehensive Examination

PhD students should take and pass their oral comprehensive examinations in the winter term of their second year, or during spring term at the latest. BA-to-PhD students should take their oral comprehensive exams in their third year. Students may, but are not required, to register for Comprehensive Exam Preparation (HIST618) to prepare for their comprehensive examinations with the appropriate faculty members.

Dissertation

After completing course work, demonstrating language competence, and passing the oral comprehensive examination, the doctoral student advances to candidacy. The doctoral candidate must compose and defend a dissertation prospectus and then research and write a dissertation that makes an original scholarly contribution to the field and shows evidence of ability in independent investigation. Finally, the candidate defends the dissertation in a formal, public session.

Students should have tentatively identified a dissertation topic by the end of their first year (or, for BA-to-PhD students, by the fall of the third year) and should then file a Tentative Dissertation Topic Form with the graduate director.

PhD students must also prepare and defend a dissertation prospectus no later than the term subsequent to successful passage of the oral comprehensive exam.Students may, but are not required, to register for Dissertation Prospectus (HIST619)to prepare their dissertation prospectus with the appropriate faculty.

Time to Degree

Applicants with MA degrees who are accepted into the PhD program must complete the PhD requirements within seven years.

Students with BA degrees who are admitted to the PhD program must complete the MA requirements within two years. Such students must complete both the MA and the PhD requirements within a total of seven years from the time of admission.

Courses

HIST101. Western Civilization. 4 Credits.
Historical development of the Western world; major changes in value systems, ideas, social structures, economic institutions, and forms of political life. Ancient and medieval societies.

HIST102. Western Civilization. 4 Credits.
Historical development of the Western world; major changes in value systems, ideas, social structures, economic institutions, and forms of political life. From the Renaissance to Napoleon.

HIST103. Western Civilization. 4 Credits.
Historical development of the Western world; major changes in value systems, ideas, social structures, economic institutions, and forms of political life. From Napoleon to the present.

HIST104. World History. 4 Credits.
Survey of world cultures and civilizations and their actions. Includes study of missionary religions, imperialism, economic and social relations. Ancient societies.

HIST105. World History. 4 Credits.
Survey of world cultures and civilizations and their actions. Includes study of missionary religions, imperialism, economic and social relations. Early modern.

HIST106. World History. 4 Credits.
Survey of world cultures and civilizations and their actions. Includes study of missionary religions, imperialism, economic and social relations. Modern.

HIST120. Foundations of Islamic Civilization. 4 Credits.
Explores the history of the Near East in 600–1500 C.E., from the origins of Islam to the maturation of Islamicate civilization.

HIST121. Women in World History. 4 Credits.
Introduction to the history of women and gender. A comparative survey of women from prehistory to the present.

HIST186. Cultures of India. 4 Credits.
Introduces students to the historical study of culture in the Indian subcontinent.

HIST190. Foundations of East Asian Civilizations. 4 Credits.
Introduction to traditional China and Japan; Confucianism, Buddhism, Daoism; floating worlds; family and gender; traditional views of the body; literati class; samurai; Mongols and Manchus.

HIST191. China, Past and Present. 4 Credits.
Introduction to Chinese culture. Explores meanings of past and present in 20th-century efforts to modernize China. Chronological and topical inquiry into politics, literature, social structure, gender, art, economy.

HIST192. Japan, Past and Present. 4 Credits.
Introduction to Japanese culture. Explores myth, tradition, modernity, and postmodernity with one eye trained on the future. Examples from personal experience.

HIST199. Special Studies: [Topic]. 1-5 Credits.
Problem-oriented course designed for students interested in history who might or might not become majors. Repeatable.

HIST201. United States. 4 Credits.
Creation and development of the United States socially, economically, politically, culturally. Native America, European colonization, colonial development, origins of slavery, Revolution, early Republic.

HIST202. United States. 4 Credits.
Creation and development of the United States socially, economically, politically, culturally. Jacksonian era, expansion, commercial and industrial revolution, slavery, Civil War, Reconstruction.

HIST203. United States. 4 Credits.
Creation and development of the United States socially, economically, politically, culturally. Imperialism, progressivism, modernity, the 1920s, Depression and New Deal, world wars and Cold War, 1960s, and recent developments.

HIST205. Ancient Sports. 4 Credits.
History of sports and athletics in ancient societies: examines intersections of class, social status, race, gender, and sexuality. Includes study of organizational, political, religious, and ideological dimensions.

HIST221. Sex in History. 4 Credits.
Introduces students to the history of sexuality. Comparative overview of sexual politics, ethics, and identities in diverse societies from the ancient world to the present.

HIST240. War in the Modern World I. 4 Credits.
Evolution of the conduct of war in the 19th and 20th centuries as a reflection of social, political, and technological developments.

HIST241. War in the Modern World II. 4 Credits.
Surveys changes in the nature and conduct of warfare in light of social, political, and technological developments from 1945 to present.

HIST245. Russia, America, and the World. 4 Credits.
The United States and Russia share historical experiences that extend far beyond diplomacy, trade, and international adversity or alliance. Includes frontier expansion, revolution, industrialization, imperialism, world view.

HIST250. African American History. 4 Credits.
The African background, development of slavery, abolitionism, the Civil War and Reconstruction.

HIST251. African American History. 4 Credits.
The 20th-century African American experience including the great migration, World War II, the Civil Rights Movement, post-1970 African America.

HIST273. Introduction to American Environmental History. 4 Credits.
Introduction to concepts, concerns, and methods of environmental history, especially in the context of American history to the present.

HIST298. Temporary Group-Satisfying Course. 4 Credits.

HIST301. Modern Europe. 4 Credits.
Political, social, cultural, intellectual, and economic trends from the 18th century to the present. 18th century. McCole.

HIST302. Modern Europe. 4 Credits.
Political, social, cultural, intellectual, and economic trends in the 19th century.

HIST303. Modern Europe. 4 Credits.
Political, social, cultural, intellectual, and economic trends in the 20th century.

HIST308. History of Women in the United States I. 4 Credits.
Survey of the diverse experiences of American women from 1600 to 1870.

HIST309. History of Women in the United States II. 4 Credits.
Survey of the diverse experiences of American women from 1870 to present.

HIST319. Early Middle Ages in Europe. 4 Credits.
Emergence, from the remains of the late Roman Empire, of a uniquely medieval Christian culture in the Germanic kingdoms of northern Europe between the 4th and 9th centuries.

HIST320. High Middle Ages in Europe. 4 Credits.
Changes that swept Europe from 1000 to 1225, including the rise of towns and universities, new spiritual and artistic visions, and varieties of religious and social reform.

HIST321. Late Middle Ages in Europe. 4 Credits.
A survey of Europe, 1250-1430, the age of Dante and the Black Death, when breakthroughs alternated with disasters in the realms of politics, economics, and religion.

HIST322. The Crusades. 4 Credits.
Surveys the idea and practice of Christian holy war—not only in Palestine, but within Europe. From the First Crusade in 1096 through early 13th Century.

HIST325. Precolonial Africa. 4 Credits.
Survey of African history to the mid-19th century, analyzing processes of state formation, regional and long-distance trade, religion, oral tradition, and systems of slavery.

HIST326. Colonial and Postcolonial Africa. 4 Credits.
Survey of African history from the late 1800s to the turn of the 21st century. Emphasis is on the internal dynamics of change as well as the effects of colonialism and global interaction.

HIST332. British History: [Topic]. 4 Credits.
British history from the Celts to the 21st century—economic, political, religious, and social change. McGowen. Repeatable twice when topic changes for a maximum of 12 credits.

HIST336. France. 4 Credits.
Ancient regime, 1789–1870—French Revolutions of 1789, 1830, and 1848; Napoleonic Empire; monarchy, republicanism, and dictatorship; society and culture in post-Revolutionary France. Birn, Sheridan.

HIST337. France. 4 Credits.
1870 to the present—the Paris Commune and Third Republic; the Dreyfus affair; popular front, fall of France and Resistance; Algeria, de Gaulle, the 1968 student movement.

HIST342. German History: [Topic]. 4 Credits.
Middle Ages to the end of the 20th century. I: Middle Ages and Reformation (1410–1648). II: Germany in the Old Regime and Age of Revolution (1648–1848). III: Modern Germany (1848–present). Repeatable twice when topic changes for a maximum of 12 credits.

HIST345. Early Russia. 4 Credits.
Kievan Rus and Byzantium; Christianization; Mongol dominance; rise of Moscow and two Ivans, one Great, one Terrible; crisis of modernization and subsequent religious dissent.

HIST346. Imperial Russia. 4 Credits.
Siberian and North American expansion; Peter the Great; Catherine the Great; abolition of serfdom; industrialization; Silver Age culture and revolution; World War I and collapse.

HIST347. Soviet Union and Contemporary Russia. 4 Credits.
Examines the rise, development, and collapse of the Soviet Union, the world's first communist regime. Topics include the Russian Revolution, Stalinism, war, culture, and society.

HIST350. American Radicalism. 4 Credits.
Motives, strategies, successes, and failures of radical movements and their significance for American society. American Revolution, slave revolts, abolitionism, women's rights.

HIST351. American Radicalism. 4 Credits.
Motives, strategies, successes, and failures of radical movements and their significance for American society. Workers' movements, socialism, communism, African American freedom struggle, nationalist movements of people of color, feminism, student activism.

HIST352. The United States in the 1960s. 4 Credits.
Exploration of a watershed era: civil rights, student activism, educational crisis, Vietnam War, gender revolution, environmentalism.

HIST358. American Jewish History. 4 Credits.
Ways people who identify themselves as Jews have reinvented their identity and created communities in the United States through the 1990s.

HIST361. Early Modern Science. 4 Credits.
Explores the subject, practive, and social place of science in the early modern world.

HIST363. American Business History. 4 Credits.
American businesses from their colonial origins to the present. Interaction between the political, social, economic, and ideological environment and the internal structure and activities of business enterprises.

HIST373. Shi'ism and Revolution. 4 Credits.
A historical introduction to Shi'ism exploring its connection with revolutionary movements throughout Islamic history and the relationship between ideology and historical change.

HIST380. Latin America. 4 Credits.
Major economic, political, and cultural trends and continuities. Pre-Columbian and Iberian history, the colonial period up to 1750.
Prereq: Sophomore standing recommended.

HIST381. Latin America. 4 Credits.
Major economic, political, and cultural trends and continuities. Transition from late colonial mercantilism to political independence and national definition, 1750–1910.
Prereq: Sophomore standing recommended.

HIST382. Latin America. 4 Credits.
Major economic, political, and cultural trends and continuities. Reform and revolution in modern Latin American history, 1910 to the present.
Prereq: sophomore standing recommended.

HIST385. South Asia: [Topic]. 4 Credits.
Introduction to South Asian history in the modern period—South Asia I (1757–1971); South Asia II (1930 to the present). Repeatable once when topic changes for a maximum of 8 credits.

HIST386. India. 4 Credits.
This course will survey the history of the Indian subcontinent as both a colony of Britain and then as a cluster of independent countries in the 20th and 21st centuries.

HIST387. Early China. 4 Credits.
Survey from the beginnings to the 10th century focuses on the development of Chinese thought and religion and the growth of the imperial state and bureaucracy.

HIST388. Vietnam War and the United States. 4 Credits.
Vietnamese society and history: the First Indochina War, origins and escalation of United States involvement in Vietnam; de-escalation and defeat.

HIST396. Samurai in Film. 4 Credits.
Examination of the image of Japan's warrior class, the most prominent social group in Japan for over seven centuries. Combines films, readings, and lectures.

HIST399. Special Studies: [Topic]. 1-5 Credits.
Repeatable.

HIST401. Research: [Topic]. 1-9 Credits.
Repeatable.

HIST403. Thesis. 1-9 Credits.
Repeatable.

HIST404. Internship. 1-3 Credits.
Repeatable once for a maximum of 6 credits.

HIST405. Reading and Conference: [Topic]. 1-6 Credits.
Repeatable.

HIST407. Seminar: [Topic]. 5 Credits.
Recent topics include History of Los Angeles, Modern Japanese Culture, Rethinking America in the 1960s, and Stalinism. Repeatable.

HIST408. Colloquium: [Topic]. 1-6 Credits.
Current topics include Southeast Asia Interpretations. Repeatable.

HIST409. Supervised Tutoring. 1-4 Credits.
Repeatable four times for maximum of 8 credits.

HIST410. Experimental Course: [Topic]. 1-6 Credits.
Repeatable.

HIST412. Ancient Greece: [Topic]. 4 Credits.
Political, cultural, and intellectual history of ancient Greece; emphasis on urban culture. I: Classical Greece. II: Hellenistic World. III: Greek Science. Repeatable twice when topic changes for maximum of 12 credits.

HIST414. Ancient Rome: [Topic]. 4 Credits.
Political, social, cultural, and intellectual history of ancient Rome from its foundation to late antiquity; emphasis on urban culture. I: Roman Republic. II: Roman Empire. III: Roman Society. Repeatable twice when topic changes for maximum of 12 credits.

HIST415. Advanced World History: [Topic]. 4 Credits.
Advanced intensive study of selected issues in world history. Possible topics include biology and ecology, ancient empires, or intercultural encounters. Repeatable when topic changes.

HIST416. Advanced Women's History: [Topic]. 4 Credits.
Intensive study of select issues in women's history. Emphasis on the construction of their diverse identities; the framework for political, social, and economic empowerment; the historical development of gendered categories. Repeatable when topic changes. Offered alternate years.

HIST417. Society and Culture in Modern Africa: [Topic]. 4 Credits.
Explorations in various topics with attention to class, gender, and generational and political struggles. Repeatable twice when topic changes for maximum of 12 credits.

HIST419. African Regional Histories: [Topic]. 4 Credits.
Examines the historiography of specific nations or regions. Repeatable twice for a maximum of 12 credits.

HIST420. The Idea of Europe. 4 Credits.
The concept and experience of Europe explored creatively throughout history from multiple disciplinary perspectives.

HIST425. Economic History of Modern Europe: [Topic]. 4 Credits.
Industrial revolution, economic transformation, growth, and integration in political and social contexts. Focuses on Britain, France, Germany, and Russia. I: European Economies to 1914. II: European Economies in the 20th Century. Repeatable once when topic changes for maximum of 8 credits.

HIST427. Intellectual History of Modern Europe: [Topic]. 4 Credits.
Major thinkers and movements include classical liberalism, utopian socialism, political economy, Marxism, aestheticism, Nietzsche, classical sociology, psychoanalysis, radical conservatism, Keynesian economics, intellectuals and political engagement, and Western Marxism. I: German Intellectual History. II: Ideas and Society, 19th Century. III: Ideas and Society, 20th Century. Repeatable twice when topic changes for maximum of 12 credits.

HIST428. Europe in the 20th Century: [Topic]. 4 Credits.
War, revolution, social change, political transformation, and related intellectual and cultural developments in Europe from the Great War of 1914–18 through the present. I: European Fascism. II: Jews in Modern Europe. III: Eastern Europe since World War I. IV: Europe since 1945. Repeatable when chronological or thematic topic changes.

HIST434. Modern British History: [Topic]. 4 Credits.
Selected topics in modern British history from 1700 to the present. Emphasis varies. Repeatable twice when topic changes for maximum of 12 credits.

HIST435. Revolutionary and Napoleonic Europe. 4 Credits.
The French Revolution; Napoleon; German idealism; British industry; the coalescence of European identity; revolutions in knowledge and education; changing gender roles; imperialism.

HIST436. Medieval Central Europe: [Topic]. 4 Credits.
Selected topics in the political, cultural, religious and economic history of Germany and neighboring peoples during the Middle Ages, from the eighth through 13th centuries. Repeatable when topic changes. Offered alternate years.

HIST437. Medieval Spain. 4 Credits.
A study of two related aspects of medieval Iberian history: Spain as a frontier society and Spain as a multicultural, multireligious society.

HIST438. Golden Age Spain. 4 Credits.
Spanish history during one of the most important eras of its past, when it was a cultural leader in Europe and a major world power.

HIST441. 16th-Century European Reformations. 4 Credits.
History of religious, personal, and institutional reforms. Includes late medieval reform movements and the ideas of Erasmus, Luther, Calvin, Ignatius Loyola, and Teresa of Avila.

HIST442. Early Modern German History: [Topic]. 4 Credits.
Topics include peasant society, the foundations of absolutism, the German Enlightenment, protoindustrialization. Repeatable twice when topic changes for maximum of 12 credits.

HIST443. Modern Germany: [Topic]. 4 Credits.
Topics include class formation, revolutionary movements, the socialist tradition, the Third Reich. Repeatable when topic changes.

HIST445. Tsarist and Imperial Russia: [Topic]. 4 Credits.
Creation of a great Eurasian civilization. Geopolitical expansion, Siberia, imperialism, origins of autocracy, serfdom, church and state, political opposition, rise of civil society, industrialization. Repeatable twice when topic changes for a maximum of 12 credits.

HIST446. Modern Russia: [Topic]. 4 Credits.
Explores topics such as the intellectual and cultural history of Russia from the revolution to recent times. Repeatable twice for a maximum of 12 credits.

HIST449. Race and Ethnicity in the American West. 4 Credits.
Explores the growth of communities of color in western cities of the United States, with particular reference to competition and cooperation between groups.

HIST450. The Iraq War, 2003–2011. 4 Credits.
A history of the Iraq War from the Bush administration’s decision to invade Iraq to the departure of US forces in 2011.

HIST451. American Foreign Relations: [Topic]. 4 Credits.
Chronological and thematic topics in American foreign relations. Repeatable when topic changes.

HIST455. Colonial American History. 4 Credits.
Native Americans; motives, methods, implications of European colonization; origins of American slavery; interaction of diverse peoples in shaping colonial North American societies, economies, landscapes, politics.

HIST457. 19th-Century United States: [Topic]. 4 Credits.
Political, social, economic, and cultural history. I: Jacksonian Era. II: Civil War. III: Reconstruction. IV: Gilded Age. Repeatable thrice when topic changes for maximum of 16 credits.

HIST460. American Intellectual History: [Topic]. 4 Credits.
Leading thinkers and prevalent modes of thought in American life from European settlement of North America to the present. I: To 1800, II: 19th Century, III: 20th Century. Repeatable twice when topic changes for maximum of 12 credits.

HIST461. American Medical History. 4 Credits.
Explores nine major subjects in the social history of medicine and health in the United States. Offered alternate years.

HIST463. American Economic History: [Topic]. 4 Credits.
Varying topics on the economic development of the United States as a preindustrial, industrial, and postindustrial society. I: The Great Depression. II: Industrialization. Repeatable twice when topic changes for maximum of 12 credits.

HIST466. The American West. 4 Credits.
Social, political, and cultural history. Peoples of the American West and the expansion of the United States in the 19th century.

HIST467. The American West. 4 Credits.
Social, political, and cultural history. 20th-century immigration, urban growth, economic development; social and political institutions; politics of race, ethnicity, and gender in a multicultural region.

HIST468. The Pacific Northwest. 4 Credits.
Regional history to the mid-20th century. How the Pacific Northwest mirrors the national experience and how the region has a distinctive history and culture.

HIST469. American Indian History: [Topic]. 4 Credits.
Variable chronological, thematic, and regional topics, including Indian history to 1860; 1860 to the present; Indians and colonialism; Indians and environments; Indians and gender; regional histories. Repeatable twice when topic changes for maximum of 12 credits.

HIST473. American Environmental History: [Topic]. 4 Credits.
Variable topics examine the social, cultural, economic, and political history of the American landscape; how Americans have understood, transformed, degraded, conserved, and preserved their environments. I: To 1800. II: 19th Century. III: 20th-Century Environment and Environmentalism. IV: Environment and the West. Repeatable thrice when topic changes for maximum of 16 credits.

HIST480. Mexico. 4 Credits.
Mexican history from pre-Hispanic times to the present. Special attention to nationhood, economic development, church-state relations, the Mexican identity, and the Revolution of 1910.

HIST482. Latin America's Indian Peoples. 4 Credits.
Impact of Iberian conquest and settlement on the lives of the indigenous peoples of the Caribbean, Mexico, Central America, and South America.

HIST483. Latin America: [Topic]. 4 Credits.
Variable topics include the experience of blacks and Indians; the struggle for land, reform, and revolution. Repeatable thrice when topic changes for maximum of 16 credits.

HIST484. Philippines. 4 Credits.
Philippine history from pre-Hispanic times to the present with particular emphasis on the past hundred years.

HIST487. China: [Topic]. 4 Credits.
Survey from the 10th century. Foundations and transformations of state and society; popular rebellions; impact of imperialism; issues of modernity; state building; political, cultural, and social revolutions. I: Song and Yuan. II: Ming and Qing. III: Late Qing. IV: Republican China. V: China since 1949. Repeatable thrice when topic changes for maximum of 16 credits.

HIST490. Japan: [Topic]. 4 Credits.
Political, social, and cultural history from ancient through contemporary. Origins, aristocratic society, medieval age, Zen, warrior class, urban growth, modernization, imperialism, Pacific war, postwar society. I: Classical Age. II: Shogun's Japan, 1550–1800. III: Modern Age. Repeatable twice when topic changes for maximum of 12 credits.

HIST491. Medicine and Society in Premodern Japan. 4 Credits.
Examines the interweaving of folk, Buddhist, Chinese, and Dutch influences. Diseases, knowledge, sexual hygiene, and medical challenges in social context.

HIST497. Culture, Modernity, and Revolution in China: [Topic]. 4 Credits.
I: Modernity and Gender. II: Cultural Revolution and Memory. III: Historiography of the Communist Revolution. Repeatable twice when topic changes for maximum of 12 credits.

HIST498. Early Japanese Culture and Society: [Topic]. 4 Credits.
Aspects of social history through 1800—social change, hierarchy and power, interrelationship of society and religion, medieval transformations, warrior class. I: Buddhism and Society in Medieval Japan. II: Samurai and War. III: Medieval Japan. Repeatable twice when topic changes for maximum of 12 credits.
Prereq: Courses on Japanese or medieval history recommended.

HIST503. Thesis. 1-12 Credits.
Repeatable.

HIST507. Seminar: [Topic]. 5 Credits.
Repeatable. Recent topics include History of Los Angeles, Modern Japanese Culture, Rethinking America in the 1960s, and Stalinism.

HIST508. Colloquium: [Topic]. 1-6 Credits.
Repeatable. Current topics include Southeast Asia Interpretations.

HIST510. Experimental Course: [Topic]. 1-6 Credits.
Repeatable.

HIST512. Ancient Greece: [Topic]. 4 Credits.
Political, cultural, and intellectual history of ancient Greece; emphasis on urban culture. I: Classical Greece. II: Hellenistic World. III: Greek Science. Repeatable twice when topic changes for maximum of 12 credits.

HIST514. Ancient Rome: [Topic]. 4 Credits.
Political, social, cultural, and intellectual history of ancient Rome from its foundation to late antiquity; emphasis on urban culture. I: Roman Republic. II: Roman Empire. III: Roman Society. Repeatable twice when topic changes for maximum of 12 credits.

HIST515. Advanced World History: [Topic]. 4 Credits.
Advanced intensive study of selected issues in world history. Possible topics include biology and ecology, ancient empires, or intercultural encounters. Repeatable when topic changes.

HIST516. Advanced Women's History: [Topic]. 4 Credits.
Intensive study of select issues in women's history. Emphasis on the construction of their diverse identities; the framework for political, social, and economic empowerment; the historical development of gendered categories. Repeatable when topic changes. Offered alternate years.

HIST517. Society and Culture in Modern Africa: [Topic]. 4 Credits.
Explorations in various topics with attention to class, gender, and generational and political struggles. Repeatable twice when topic changes for maximum of 12 credits.

HIST519. African Regional Histories: [Topic]. 4 Credits.
Examines the historiography of specific nations or regions. Repeatable twice for a maximum of 12 credits.

HIST520. The Idea of Europe. 4 Credits.
The concept and experience of Europe explored creatively throughout history from multiple disciplinary perspectives.

HIST525. Economic History of Modern Europe: [Topic]. 4 Credits.
Industrial revolution, economic transformation, growth, and integration in political and social contexts. Focuses on Britain, France, Germany, and Russia. I: European Economies to 1914. II: European Economies in the 20th Century. Repeatable once when topic changes for maximum of 8 credits.

HIST527. Intellectual History of Modern Europe: [Topic]. 4 Credits.
Major thinkers and movements include classical liberalism, utopian socialism, political economy, Marxism, aestheticism, Nietzsche, classical sociology, psychoanalysis, radical conservatism, Keynesian economics, intellectuals and political engagement, and Western Marxism. I: German Intellectual History. II: Ideas and Society, 19th Century. III: Ideas and Society, 20th Century. Repeatable twice when topic changes for maximum of 12 credits.

HIST528. Europe in the 20th Century: [Topic]. 4 Credits.
War, revolution, social change, political transformation, and related intellectual and cultural developments in Europe from the Great War of 1914-18 through the present. I: European Fascism. II: Jews in Modern Europe. III: Eastern Europe since World War I. IV: Europe since 1945. Repeatable when chronological or thematic topic changes.

HIST534. Modern British History: [Topic]. 4 Credits.
Selected topics in modern British history from 1700 to the present. Emphasis varies. Repeatable twice when topic changes for maximum of 12 credits.

HIST536. Medieval Central Europe: [Topic]. 4 Credits.
Selected topics in the political, cultural, religious and economic history of Germany and neighboring peoples during the Middle Ages, from the eighth through 13th centuries. Repeatable when topic changes. Offered alternate years.

HIST537. Medieval Spain. 4 Credits.
A study of two related aspects of medieval Iberian history: Spain as a frontier society and Spain as a multicultural, multireligious society.

HIST538. Golden Age Spain. 4 Credits.
Spanish history during one of the most important eras of its past, when it was a cultural leader in Europe and a major world power.

HIST541. 16th-Century European Reformations. 4 Credits.
History of religious, personal, and institutional reforms. Includes late medieval reform movements and the ideas of Erasmus, Luther, Calvin, Ignatius Loyola, and Teresa of Avila.

HIST542. Early Modern German History: [Topic]. 4 Credits.
Topics include peasant society, the foundations of absolutism, the German Enlightenment, protoindustrialization. Repeatable twice when topic changes for maximum of 12 credits.

HIST543. Modern Germany: [Topic]. 4 Credits.
Topics include class formation, revolutionary movements, the socialist tradition, the Third Reich. Repeatable when topic changes.

HIST545. Tsarist and Imperial Russia: [Topic]. 4 Credits.
Creation of a great Eurasian civilization. Geopolitical expansion, Siberia, imperialism, origins of autocracy, serfdom, church and state, political opposition, rise of civil society, industrialization. Repeatable twice when topic changes for a maximum of 12 credits.

HIST546. Modern Russia: [Topic]. 4 Credits.
Explores topics such as the intellectual and cultural history of Russia from the revolution to recent times. Repeatable twice for a maximum of 12 credits.

HIST549. Race and Ethnicity in the American West. 4 Credits.
Explores the growth of communities of color in western cities of the United States, with particular reference to competition and cooperation between groups.

HIST550. The Iraq War, 2003–2011. 4 Credits.
A history of the Iraq War from the Bush administration’s decision to invade Iraq to the departure of US forces in 2011.

HIST551. American Foreign Relations: [Topic]. 4 Credits.
Chronological and thematic topics in American foreign relations. Repeatable when topic changes.

HIST555. Colonial American History. 4 Credits.
Native Americans; motives, methods, implications of European colonization; origins of American slavery; interaction of diverse peoples in shaping colonial North American societies, economies, landscapes, politics.

HIST557. 19th-Century United States: [Topic]. 4 Credits.
Political, social, economic, and cultural history. I: Jacksonian Era. II: Civil War. III: Reconstruction. IV: Gilded Age. Repeatable thrice when topic changes for maximum of 16 credits.

HIST560. American Intellectual History: [Topic]. 4 Credits.
Leading thinkers and prevalent modes of thought in American life from European settlement of North America to the present. I: To 1800, II: 19th Century, III: 20th Century. Herman. Repeatable twice when topic changes for maximum of 12 credits.

HIST561. American Medical History. 4 Credits.
Explores nine major subjects in the social history of medicine and health in the United States. Offered alternate years.

HIST563. American Economic History: [Topic]. 4 Credits.
Varying topics on the economic development of the United States as a preindustrial, industrial, and postindustrial society. I: The Great Depression. II: Industrialization. Repeatable twice when topic changes for maximum of 12 credits.

HIST566. The American West. 4 Credits.
Social, political, and cultural history. Peoples of the American West and the expansion of the United States in the 19th century.

HIST567. The American West. 4 Credits.
Social, political, and cultural history. 20th-century immigration, urban growth, economic development; social and political institutions; politics of race, ethnicity, and gender in a multicultural region.

HIST568. The Pacific Northwest. 4 Credits.
Regional history to the mid-20th century. How the Pacific Northwest mirrors the national experience and how the region has a distinctive history and culture.

HIST569. American Indian History: [Topic]. 4 Credits.
Variable chronological, thematic, and regional topics, including Indian history to 1860; 1860 to the present; Indians and colonialism; Indians and environments; Indians and gender; regional histories. Repeatable twice when topic changes for maximum of 12 credits.

HIST573. American Environmental History: [Topic]. 4 Credits.
Variable topics examine the social, cultural, economic, and political history of the American landscape; how Americans have understood, transformed, degraded, conserved, and preserved their environments. I: To 1800. II: 19th Century. III: 20th-Century Environment and Environmentalism. IV: Environment and the West. Repeatable thrice when topic changes for maximum of 16 credits.

HIST580. Mexico. 4 Credits.
Mexican history from pre-Hispanic times to the present. Special attention to nationhood, economic development, church-state relations, the Mexican identity, and the Revolution of 1910.

HIST582. Latin America's Indian Peoples. 4 Credits.
Impact of Iberian conquest and settlement on the lives of the indigenous peoples of the Caribbean, Mexico, Central America, and South America.

HIST583. Latin America: [Topic]. 4 Credits.
Variable topics include the experience of blacks and Indians; the struggle for land, reform, and revolution. Repeatable thrice when topic changes for maximum of 16 credits.

HIST584. Philippines. 4 Credits.
Philippine history from pre-Hispanic times to the present with particular emphasis on the past hundred years.

HIST587. China: [Topic]. 4 Credits.
Survey from the 10th century. Foundations and transformations of state and society; popular rebellions; impact of imperialism; issues of modernity; state building; political, cultural, and social revolutions. I: Song and Yuan. II: Ming and Qing. III: Late Qing. IV: Republican China. V: China since 1949. Repeatable thrice when topic changes for maximum of 16 credits.

HIST590. Japan: [Topic]. 4 Credits.
Political, social, and cultural history from ancient through contemporary. Origins, aristocratic society, medieval age, Zen, warrior class, urban growth, modernization, imperialism, Pacific war, postwar society. I: Classical Age. II: Shogun’s Japan, 1550–1800. III: Modern Age. Repeatable twice when topic changes for maximum of 12 credits.

HIST591. Medicine and Society in Premodern Japan. 4 Credits.
Examines the interweaving of folk, Buddhist, Chinese, and Dutch influences. Diseases, knowledge, sexual hygiene, and medical challenges in social context.

HIST597. Culture, Modernity, and Revolution in China: [Topic]. 4 Credits.
I: Modernity and Gender. II: Cultural Revolution and Memory. III: Historiography of the Communist Revolution. Repeatable twice when topic changes for maximum of 12 credits.

HIST598. Early Japanese Culture and Society: [Topic]. 4 Credits.
Aspects of social history through 1800—social change, hierarchy and power, interrelationship of society and religion, medieval transformations, warrior class. I: Buddhism and Society in Medieval Japan. II: Samurai and War. III: Medieval Japan. Repeatable twice when topic changes for maximum of 12 credits.
Prereq: Courses on Japanese or medieval history recommended.

HIST601. Research: [Topic]. 1-9 Credits.
Repeatable.

HIST602. Supervised College Teaching. 1-6 Credits.
Repeatable.

HIST603. Dissertation. 1-12 Credits.
Repeatable.

HIST604. Internship: [Topic]. 1-3 Credits.
Repeatable once for a maximum of 6 credits.

HIST605. Reading and Conference: [Topic]. 1-9 Credits.
Repeatable.

HIST607. Seminar: [Topic]. 5 Credits.
Repeatable.

HIST608. Colloquium: [Topic]. 1-6 Credits.
Recent offerings include Medieval Europe; Race and Labor in the United States; Race, Gender, and State; Society and Revolution in East Asia. Repeatable.

HIST609. Supervised Tutoring. 1-3 Credits.
Repeatable.

HIST610. Experimental Course: [Topic]. 1-4 Credits.
Repeatable.

HIST611. Field Readings. 5 Credits.
Independent study designed to ground students in major works and issues of their chosen field. Intensive study, based on a substantial reading list, requiring substantial written work.

HIST612. Historical Methods and Writings. 5 Credits.
Introduction to the historical profession; includes historical questions, methods, and theories, and historiographic debates. Sequence.

HIST615. Professional Development. 1 Credit.
Promotes understanding of the history profession and development of professional skills through a variety of activities—workshops on research and writing, critiques of scholarly presentations, discussion of the academic job market. Offered once per academic year.

HIST616. Graduate Student Conference. 1 Credit.
Designed to build on work from HIST 612 and 615 courses. Promotes understanding of history profession, standards, protocols; plan and host conference. Offeredonce per academic year.

HIST618. Comprehensive Exam Preparation. 5 Credits.
Independent readings with faculty members to discuss a predetermined reading list in preparation for PhD comprehensive examination.

HIST619. Dissertation Prospectus. 5 Credits.
Independent research under the direction of student's adviser with the specific aim of producing a defensible dissertation prospectus.

HIST690. Asian Research Materials. 4 Credits.
Introduction to bibliographical and research sources combined with training in reading primary material. Country focus on China or Japan as appropriate.

Humanities

Mary K. Jaeger, Program Director
541-346-4068
335 Susan Campbell Hall

The curriculum of the Humanities Program provides opportunities for the student seeking intellectual coherence and integration, awareness of cultural contexts and traditions, and the connection of humanistic theory to practice. The program is pluralistic and multicultural in its vision and interdisciplinary in its approach. It is designed to provide essential skills and understanding for intelligent action and preparation for a wide range of careers.

Program Committee

Ina Asim, history

Christopher Eckerman, classics

Kenneth S. Calhoon, comparative literature

Mary K. Jaeger, classics

George J. Sheridan Jr., history

Undergraduate Studies

Major Requirements

The humanities major is an interdisciplinary bachelor of arts (BA) degree program. Proficiency in at least one second language, a requirement for the BA degree, is central to the humanities major. Although majors are not required to do more than meet the BA requirement, it is strongly recommended that they continue language study in upper-division courses.

Grades of mid-C or better must be earned in courses taken to satisfy major requirements. For graduation, humanities majors must maintain at least a 2.00 grade point average (GPA) in required courses. No upper-division course may be used to satisfy more than one major requirement.

Bachelor of Arts Degree Requirements

Introductory Courses		
Option 1		8
Select two of the following:		
HUM101	Introduction to the Humanities I	
HUM102	Introduction to the Humanities II	
HUM103	Introduction to the Humanities III	
Option 2		
HUM300	Themes in the Humanities [1]	4
Breadth Requirement [2]		
Arts (music history, theater history, art history) (see Courses from Other Department below)		4
Philosophy (see Courses from Other Department below)		4
Classics (see Courses from Other Department below)		4
History (see Courses from Other Department below)		4
Concentration		

Seven upper-division courses in concentration [3]	28
Total Credits	**48-52**

1. Recommended for students who declare the major in the junior or senior year.
2. At least two breadth requirement courses must be in the upper division, and all four courses must be group satisfying.
3. Students must submit a brief essay defending the coherence of the concentration and outlining the seven courses they plan to take. No more than three of the seven courses may be taken in any one department. Students should choose at least one Seminar (407) as part of their concentration.

Courses from Other Departments

Students may be interested in the following courses:

Classics. Greek and Roman Epic (CLAS301), Greek and Roman Tragedy (CLAS302), Classical Greek Philosophers (CLAS303)

History. Early China (HIST387), Ancient Greece: [Topic] (HIST412), Ancient Rome: [Topic] (HIST414), The Idea of Europe (HIST420), Intellectual History of Modern Europe: [Topic] (HIST427)

Philosophy. History of Philosophy: Ancient and Medieval (PHIL310), History of Philosophy: Modern (PHIL311), History of Philosophy: 19th Century (PHIL312), Introduction to Philosophy of Science (PHIL339), Ancient Philosophers: [Topic] (PHIL421)

Theater Arts. Studies in Theater and Culture: [Topic] (TA471)

Honors

Honors in humanities allows a student to focus on an area of concentration in a written thesis. Requirements are as follows:

1. Satisfaction of the requirements for the major
2. A grade point average of 3.50 or better in courses taken to meet the upper-division requirements of the major
3. A senior thesis of substantial quality, approved by the thesis director and at least one member of the program committee

Kindergarten through Secondary Teaching Careers

Students who complete a degree with a major in humanities are eligible to apply to the College of Education's fifth-year programs for a license in middle-secondary teaching or elementary teaching. More information is available in the **College of Education** section of this catalog. Students who want to teach language arts need more preparation in grammar, literature, and writing. Students who want to teach social studies need more preparation in history, economics, American government, culture, and society.

Courses

HUM101. Introduction to the Humanities I. 4 Credits.
Ideas and modes of vision Western culture has inherited from the classical period. Readings and discussions focus on literature, philosophy, history, the arts, and religion.

HUM102. Introduction to the Humanities II. 4 Credits.
Ideas and modes of vision Western culture has inherited from the medieval to the Renaissance periods. Readings and discussions focus on literature, philosophy, history, the arts, and religion.

HUM103. Introduction to the Humanities III. 4 Credits.
Ideas and modes of vision Western culture has inherited from the Age of Enlightenment to the modern period. Readings and discussions focus on literature, philosophy, the arts, and science.

HUM199. Special Studies: [Topic]. 1-5 Credits.
Repeatable.

HUM240. Medical Humanities. 4 Credits.
Examines the intersection of literature, philosophy, history, and the arts with medical theory and practice.

HUM245. Food, Art, and Literature. 4 Credits.
The study of food in the Ancient Greco-Roman world, ancient China, or the modern world using historical, literary, and practical approaches.

HUM260. Postwar European Culture. 4 Credits.
Addresses the broad history and culture of 20th century Europe through humanistic themes and texts that reflect aspects of that experience.

HUM298. Temporary Group-Satisfying Course. 4 Credits.

HUM300. Themes in the Humanities. 4 Credits.
Interdisciplinary and multimedia introduction to the study of the humanities. Analysis of such themes as tragedy in music, literature, and art.

HUM315. Introduction to African Studies. 4 Credits.
Surveys the cultural, social, political, and economic diversity of historical and contemporary Africa. Emphasizes sub-Saharan Africa.

HUM354. The City. 4 Credits.
Examines the urban experience in reference to law, culture, and systems of belief (e.g., classical Athens, Renaissance Florence, 20th-century Berlin).

HUM355. The American City. 4 Credits.
Study of the great American city from the colonial period to the present, particularly New York, Los Angeles, and Chicago.

HUM361. Ancient Science and Culture. 4 Credits.
Explores the subject, practice, and social place of science in the ancient world.

HUM399. Special Studies: [Topic]. 1-5 Credits.
Problem-oriented course designed to explore new topics or approaches to studies in the humanities. Repeatable.

HUM403. Thesis. 1-6 Credits.
Repeatable.

HUM405. Reading and Conference: [Topic]. 1-6 Credits.
Repeatable.

HUM407. Seminar: [Topic]. 1-5 Credits.
Repeatable.

HUM409. Practicum: [Topic]. 1-5 Credits.
Repeatable with consent of instructor and program head.

HUM410. Experimental Course: [Topic]. 1-5 Credits.
Repeatable.

HUM510. Experimental Course: [Topic]. 1-5 Credits.
Repeatable.

Human Physiology

Li-Shan Chou, Department Head
541-346-4107
541-346-2841 fax
122 Esslinger Hall

Human physiology is the science of the mechanical, physical, and biochemical function of humans, and serves as the foundation of modern medicine. As a discipline, it connects science, medicine, and health, and creates a framework for understanding how the human body adapts to stresses, physical activity, and disease.

Human physiology and anatomy are closely related—anatomy is the study of form, physiology is the study of function, and form and function are intrinsically linked. The study of human physiology integrates knowledge across many levels, including biochemistry, cell physiology, and organ systems. Contemporary research in human physiology explores new ways to maintain or improve the quality of life, the development of new medical therapies and interventions, and the unanswered questions about how the human body works.The Department of Human Physiology serves its students by providing strong training in human physiology and anatomy to prepare them for careers in medicine, allied health professions, and biomedical research.

Faculty

Li-Shan Chou, professor. BS, 1987, Tatung Institute of Technology; MS, 1990, PhD, 1995, Illinois, Chicago. (2000)

Anita Christie, assistant professor. BS, 2001, MS, 2003,Brock; PhD, 2009, Massachusetts, Amherst. (2011)

Brian Dalton, assistant professor. MS, 2006, Memorial University of Newfoundland; PhD, 2010, Western Ontario.(2013)

Sierra Dawson, senior lecturer. BS, 1995, MS, 2000, PhD, 2004, Oregon. (2003)

Hans Dreyer, associate professor. BS, 1998, California State, Long Beach; MS, 2002, PhD, 2004, Southern California. (2009)

Grace Golden, lecturer. BS, 1989, MS, 1991, Oregon; PhD, 2007, Oregon State. (2009)

Michael Hahn, assistant professor. BS, 1996, Colorado Mesa; MS, 2000, Iowa State; PhD, 2003, Oregon. (2012)

John Halliwill, professor. BS, 1991, Ohio State; PhD, 1995, Medical College of Virginia. (2002)

Robin Hopkins, instructor. BS, 2005, Simon Fraser; MS, 2009, Western Ontario; PhD, 2014, British Columbia.(2014)

Adrianne Huxtable, assistant professor. BS (Honours), 2003, British Columbia; PhD, 2009, Alberta.(2015)

Andrew Karduna, professor. BS, 1989, Massachusetts Institute of Technology; MS, 1991, Johns Hopkins; PhD, 1995, Pennsylvania. (2002)

Andrew Lovering, associate professor. BS, 1995, PhD, 2003, Texas Tech. (2007)

Philip Matern, instructor. BS, 2003, Gonzaga; MS, 2005, Central Washington; PhD, 2015, California, Davis.(2014)

Carrie McCurdy, assistant professor. BS, 1998, Notre Dame; PhD, 2004, Wisconsin, Madison.(2013)

Christopher T. Minson, professor; Kenneth and Kendra Singer Endowed Professorship in Human Physiology. BS, 1989, Arizona; MA, 1993, San Diego State; PhD, 1997, Pennsylvania State. (2000)

Jon Runyeon, instructor. BS, 1996, MS, 2010, Oregon. (2012)

Courtesy

John Brandon, courtesy research assistant. BS, 1976, Ricker College; MS, 1980, Oregon; AD, 1984, Lane Community College. (1997)

Richard L. Brown, courtesy assistant professor. BA, 1960, U.S. Naval Academy; MA, 1972, Maryland; PhD, 1992, Oregon. (1996)

Mark S. Chesnutt, courtesy research associate. BS, 1982, Pacific Lutheran; MD, 1986, Oregon Health and Science. (2012)

Michael Colasurdo, courtesy professor. BS 1980, Portland State; MD, 1984, Oregon Health and Science. (2009)

Dennis Collis, courtesy professor. BS, 1959, Grinnell College; MD, 1963, Washington (St. Louis). (2007)

Mathews Fish, courtesy professor. AB, 1956, California, Berkeley; MD, 1959, California Medical, San Francisco. (2002)

Daniel Fitzpatrick, courtesy associate professor. BS, 1991, MS, 1993, MD, 1997, Iowa. (2007)

Igor Gladstone, courtesy professor. BS, 1973, MD, 1981, Washington (Seattle). (2009)

Randall Goodman, courtesy research assistant. BS, 1994, Oregon. (2010)

Aaron Harding, courtesy instructor. BS, 1990, Southern Oregon; MS, 1993, Oregon. (2007)

Jerold Hawn, courtesy professor. BS, 1963, Santa Clara; MD, 1967, Georgetown. (2009)

Stanley L. James, courtesy professor. BS, 1953, MD, 1962, Iowa. (1979)

Brian Jewett, courtesy associate professor. BS, 1990, MS, 1991, Stanford; MD, 1995, Vanderbilt. (2007)

Donald C. Jones, courtesy professor. BS, 1969, Centenary (Hackettstown); MD, 1973, Louisiana State. (1983)

Paul Kaplan, courtesy research associate; university physician. AB, 1970, Stanford; MD, 1974, California, Los Angeles. (2005)

Vern Katz, courtesy professor. BA, 1971, MD, 1979, California, Los Angeles. (2001)

Peter Kosek, courtesy professor. BA, 1984, Grinnell College; MD, 1988, California, Los Angeles. (2009)

Brett (Brick) Lantz, courtesy professor. BA, 1981, Stanford; MD, 1985, Oklahoma. (2007)

Samuel Lau, courtesy professor. BS, 1984, MD, 1988, Creighton. (2009)

Victor Lin, courtesy associate professor. BS, 1988, Massachusetts Institute of Technology; MS, 1991, California, Berkeley; MD, California, San Francisco. (2002)

John Melton, courtesy senior research associate. BS, 1979, MD, 1985, New Mexico. (2011)

Brian Nichols, courtesy instructor. BS, 1987, MS, 1989, Oregon. (2001)

Richard Padgett, courtesy professor. BS, 1984, East Carolina; MD, 1988, North Carolina, Chapel Hill. (2005)

Anne Shumway-Cook, courtesy senior research associate. BS, 1969, Indiana, Bloomington; MS, 1973, PhD, 1983, Oregon. (1992)

Kenneth M. Singer, courtesy professor; team physician. BS, 1961, Massachusetts Institute of Technology; MD, 1965, Columbia University College of Physicians and Surgeons. (1994)

Kimberly Terrell, courtesy instructor. BS 1981, MS, 1983, Oregon. (2006)

Emeriti

Barry T. Bates, professor emeritus. BSE, 1960, Princeton; MEd, 1971, East Stroudsburg; PhD, 1973, Indiana. (1974)

Gary A. Klug, professor emeritus. BS, 1970, MS, 1973, Wisconsin, La Crosse; PhD, 1980, Washington State. (1985)

Louis R. Osternig, professor emeritus. BS, 1965, MS, 1967, California State, Hayward; PhD, 1971, Oregon. (1971)

Richard K. Troxel, senior instructor emeritus. BS, 1975, MS, 1977, Oregon. (1976)

Marjorie Woollacott, professor emerita. BA, 1968, PhD, 1973, Southern California. (1980)

The date in parentheses at the end of each entry is the first year on the University of Oregon faculty.

- **Bachelor of Arts**
- **Bachelor of Science**

Undergraduate Studies

The department offers a program leading to either a bachelor of science (BS) or a bachelor of arts (BA) degree.

At the undergraduate level, students prepare for professional health science programs in fields such as medicine, physical therapy, occupational therapy, nursing, dentistry, pharmacy, education, and research. The department provides a supportive learning environment and a rigorous but flexible undergraduate curriculum that provides an in-depth exploration of the field as well as a strong foundation for future studies. A degree in human physiology prepares students to be critical thinkers who can independently assess their own personal health, using the guiding principles of scientific inquiry as a model for understanding the world around them.

Careers

The human physiology program provides the scientific foundation necessary for professional studies in medicine, physical therapy, and other health science fields. In addition, graduate work in the field of human physiology provides opportunities to conduct advanced research and to instruct the next generation of scientists and medical professionals.

Preparation

High school preparation should include a strong background in English, mathematics, biology, chemistry, and physics.

Transfer Students

Before transferring, students should have completed as many general-education requirements and prerequisites to major courses as possible, including general chemistry, general biology, and general physics. Students should plan on taking anatomy and human physiology courses at the University of Oregon.

Scholarships

Numerous scholarships are available; a complete list is available on the department website.

Medicine, Dentistry, and Physical Therapy

Students seeking a career in medicine, dentistry, physical therapy, or other health professions should work closely with the human physiology undergraduate advisor to plan their program of study to meet the specific admission requirements of the postgraduate schools in which they are interested. Information on additional courses that may be required of most programs is available from the Health Professions Program (http://healthprofessions.uoregon.edu/health-fields) website.

Bachelor of Arts Degree Requirements

Lower-Division Requirements		
CH221–223	General Chemistry [1]	12
orCH224H–226H	Honors General Chemistry	
PHYS201–203	General Physics	12
orPHYS251–253	Foundations of Physics I	
CH227–229	General Chemistry Laboratory	6
orPHYS204–206	Introductory Physics Laboratory	
BI211–213	General Biology I-III (may substitute BI214 for BI213)	12-15
orBI281H–283H	Honors Biology I-III	
MATH246	Calculus for the Biological Sciences I	4
orMATH251	Calculus I	
HPHY211	Medical Terminology	3
HPHY212	Evidence, Inference, and Biostatistics	4
Upper-Division Requirements		
HPHY321	Human Anatomy I	5
HPHY322	Human Physiology I	5
HPHY323	Human Anatomy II	5
HPHY324	Human Physiology II	5
HPHY325	Human Anatomy and Physiology III	5
HPHY371	Physiology of Exercise	4
Upper-Division Electives		16
Select at least two of the following:		
HPHY333	Motor Control	
HPHY362	Tissue Injury and Repair	
HPHY381	Biomechanics	
HPHY399	Special Studies: [Topic]	

ANTH362	Human Biological Variation	
ANTH366	Human Osteology Laboratory	
ANTH369	Human Growth and Development	
BI309	Tropical Diseases in Africa	
BI320	Molecular Genetics	
BI322	Cell Biology	
BI358	Investigations in Medical Physiology	
BI360	Neurobiology	
CH360	Physiological Biochemistry	
CH462	Biochemistry	
Select at least one of the following capstone courses:		
HPHY410	Experimental Course: [Topic]	
HPHY412	Sleep Physiology	
HPHY413	Muscle Structure, Function, and Plasticity	
HPHY414	Muscle Metabolism	
HPHY417	Hypertension	
HPHY419	Alternative and Complementary Medicine	
HPHY421	Pathophysiology	
HPHY433	Neurophysiology of Concussion	
HPHY434	Movement Disorders	
HPHY441	Clinical Exercise Physiology	
HPHY442	Clinical Electrocardiography	
HPHY443	Clinical Pharmacology	
HPHY460	Lumbar and Pelvic Functional Anatomy	
HPHY462	Therapeutic Techniques	
HPHY470	Environmental Physiology	
HPHY472	Advanced Laboratories in Exercise Physiology	
HPHY473	High Altitude Physiology and Medicine	
HPHY485	Gait Analysis	
HPHY486	Orthopedic Biomechanics	
Select any of the following:		
HPHY401	Research: [Topic]	
HPHY403	Thesis	
HPHY404	Internship: [Topic]	
HPHY405	Reading and Conference: [Topic]	
HPHY406	Special Problems: [Topic]	
HPHY408	Workshop: [Topic]	
HPHY409	Practicum: [Topic]	
HPHY409	Practicum: [Topic] (Anatomy and Physiology Teaching Assistant)	
HPHY420	Human Cadaver Dissection	

[1] Should be taken in the first year.

Bachelor of Science Degree Requirements

Lower-Division Requirements		
CH221–223	General Chemistry [1]	12
orCH224H–226H	Honors General Chemistry	
PHYS201–203	General Physics	12
orPHYS251–253	Foundations of Physics I	
CH227–229	General Chemistry Laboratory	6
orPHYS204–206	Introductory Physics Laboratory	
BI211–213	General Biology I-III (may substitute BI214 for BI213)	12-15
orBI281H–283H	Honors Biology I-III	
MATH246	Calculus for the Biological Sciences I	4
orMATH251	Calculus I	
HPHY211	Medical Terminology	3
HPHY212	Evidence, Inference, and Biostatistics	4
Upper-Division Requirements		
HPHY321	Human Anatomy I	5
HPHY322	Human Physiology I	5
HPHY323	Human Anatomy II	5
HPHY324	Human Physiology II	5
HPHY325	Human Anatomy and Physiology III	5
HPHY371	Physiology of Exercise	4
Upper-Division Electives		16
Select at least two of the following:		
HPHY333	Motor Control	
HPHY362	Tissue Injury and Repair	
HPHY381	Biomechanics	
HPHY399	Special Studies: [Topic]	
ANTH362	Human Biological Variation	
ANTH366	Human Osteology Laboratory	
ANTH369	Human Growth and Development	
BI309	Tropical Diseases in Africa	
BI320	Molecular Genetics	
BI322	Cell Biology	
BI358	Investigations in Medical Physiology	
BI360	Neurobiology	
CH360	Physiological Biochemistry	
CH462	Biochemistry	
Select at least one of the following capstone courses:		
HPHY410	Experimental Course: [Topic]	
HPHY412	Sleep Physiology	
HPHY413	Muscle Structure, Function, and Plasticity	
HPHY414	Muscle Metabolism	
HPHY417	Hypertension	
HPHY419	Alternative and Complementary Medicine	
HPHY421	Pathophysiology	
HPHY433	Neurophysiology of Concussion	
HPHY434	Movement Disorders	
HPHY441	Clinical Exercise Physiology	
HPHY442	Clinical Electrocardiography	
HPHY443	Clinical Pharmacology	
HPHY460	Lumbar and Pelvic Functional Anatomy	
HPHY462	Therapeutic Techniques	
HPHY470	Environmental Physiology	
HPHY472	Advanced Laboratories in Exercise Physiology	
HPHY473	High Altitude Physiology and Medicine	
HPHY485	Gait Analysis	
HPHY486	Orthopedic Biomechanics	
Select any of the following:		

HPHY401	Research: [Topic]
HPHY403	Thesis
HPHY404	Internship: [Topic]
HPHY405	Reading and Conference: [Topic]
HPHY406	Special Problems: [Topic]
HPHY408	Workshop: [Topic]
HPHY409	Practicum: [Topic]
HPHY409	Practicum: [Topic] (Anatomy and Physiology Teaching Assistant)
HPHY420	Human Cadaver Dissection

[1] Should be taken in the first year.

For additional course options, recent additions to course offerings, and sample four-year programs of study, visit the department office or the department website. (http://physiology.uoregon.edu)

Courses required for the major must be taken for letter grades and passed with grades of mid-C or better. In addition, courses that serve as prerequisites for human physiology courses must be passed with grades of mid-C or better. Students must maintain at least an overall 2.00 grade point average in courses required for the major. Additional requirements for the bachelor's degree are described in the **Bachelor's Degree Requirements** section of this catalog.

Honors

To apply to graduate with departmental honors, a student must have a GPAof 3.50 or better in courses applied toward the human physiology degree requirements and complete an honors thesis under the supervision of a human physiology thesis committee. In addition, human physiology majors enrolled in the Robert Donald Clark Honors College at the University of Oregon are eligible to complete an honors thesis through that program.

- **Master of Science: Athletic Training Emphasis**
- **Master of Science: Research-Intensive Emphasis**
- **Doctor of Philosophy**

Graduate Studies

The Department of Human Physiology offers two graduate programs: the athletic training MS program and the research-intensive MS or PhD program.

Athletic Training MS Program

The department offers a graduate program in human physiology with an emphasis in athletic training leading to the master of science (MS). This curriculum is one of fourteen postprofessional programs accredited by the Commission for the Accreditation of Athletic Training Education (CAATE). The primary goal of this program is to provide classroom and clinical experiences that will allow entry-level certified athletic trainers to grow into professionals with the experience and confidence to be great clinicians. Providing students with advanced clinical skills is our hallmark. The program also provides students with the opportunity to grow as leaders, teachers, and researchers. Admission is granted only to students who are certified by the CAATE Board of Certification or who have qualified for the certification examination. Graduate teaching fellowships (GTF) are available for highly qualified students who are certified as athletic trainers. The GTF award provides a full tuition waiver and a monthly stipend that varies in amount according to the assignment. Employment settings include intercollegiate athletics, club and recreational sports, and intramural athletics. Qualified students can find more information at the Graduate Studies in Athletic Training website, pages.uoregon.edu/uogradat.

Master of Science Degree Requirements: Athletic Training

HPHY520	Human Cadaver Dissection	1
HPHY533	Neurophysiology of Concussion	4
HPHY570	Environmental Physiology	4
HPHY611	Professional Skills I: Effective Teaching	1
HPHY660	Basic Science in Clinical Decisions	4
HPHY661	Manual Therapy: Movement Patterns, Core Stability	2
HPHY662	Manual Therapy: Spine, Lower Quadrant	2
HPHY669	The Female Athlete	4
HPHY671	Therapeutic Restoration of Biomotor Abilities	3
EDUC614	Educational Statistics	4
HPHY607	Seminar: [Topic] (Administrative Skills for Clinical Careers)	1
HPHY607	Seminar: [Topic] (Clinical Research Presentations [two terms])	2
HPHY607	Seminar: [Topic] (Contemporary Clinical Techniques I,II)	2
HPHY607	Seminar: [Topic] (Current Professional Topics)	1
HPHY607	Seminar: [Topic] (Evidence-Based Clinical Practice and Research)	1
HPHY607	Seminar: [Topic] (Human Physiology [six terms])	6
HPHY607	Seminar: [Topic] (Leadership Development)	1
HPHY609	Practicum: [Topic[(Sports Medicine)	3
Select one of the following:		4
HPHY601	Research: [Topic]	
HPHY602	Supervised College Teaching	
HPHY606	Special Problems: [Topic]	
HPHY609	Practicum: [Topic[(Preceptor)	
Other human physiology courses		
Total Credits		**50**

Exit Requirement

All students participate in a comprehensive defense of their advanced clinical skills during spring term of their graduating year. In addition, they select one of the following two options as their graduation exit requirement:

- **Option 1.**Comprehensive written and oral exams (completed during the final term of study), one-term (4-credit minimum) research experience, and literature review or evidence-based practice manuscript submitted for publication.
- **Option 2.**Original research study conducted, and manuscript submitted for publication.

Additional Requirements

Required courses must be taken for letter grades and passed with grades of B– or better. Students must maintain at least a 3.00 grade point average each term, and will not be eligible to hold a GTF position, take comprehensive exams, or graduate without a cumulative GPA of 3.00.

Additional university master's degree requirements are described under Master's Degrees in the **Graduate School** section of this catalog.

Research-Intensive MS or PhD Program

The department offers a graduate program in human physiology with an emphasis on research leading to the master of science (MS) and the doctor of philosophy (PhD) degrees. The goal is to provide classroom and research experiences that turn students into professionals with the knowledge and experience to be superior researchers or become university-level educators. Graduate teaching and research fellowships (GTF) are available for highly qualified students to teach undergraduate laboratories or assist in research projects. The GTF award provides a full-tuition waiver and a monthly stipend that varies in amount according to the assignment. For more information, visit the department website.

Master of Science Degree Requirements

HPHY611–613	Professional Skills I-III	3
HPHY621–623	Systems Physiology I-III	12
Human physiology courses or other courses most appropriate to student's line of study [1]		4
EDUC614	Educational Statistics [2]	4
EDUC640	Applied Statistical Design and Analysis [2]	4
HPHY607	Seminar: [Topic] (Human Physiology) [3]	1-5
Electives		15
Total Credits		**43-47**

1. Determined in conjunction with advisor.
2. Statistical analysis courses covering the following topics: descriptive statistics, logic of hypothesis testing, elementary inferential statistics, confidence intervals, one-way analysis of variance, post hoc comparisons, a priori contrasts, within-subjects and between-subjects effects, two-way and higher-order designs, and interactions. For recent additions to these course options, check with the department director of graduate studies
3. Must register for course every term of enrollment, with one term possibly waived by the director of graduate studies to accommodate the student's research activities or other extenuating circumstances.

Additional Requirements

Students must complete a substantial research project, which will fulfill their final master's degree requirement. Department faculty members, in consultation with the student, determine the format for the presentation of the project, which will include an oral defense in combination with either a master's thesis, a journal-style manuscript, or a comprehensive project report.

Required courses must be taken for letter grades and passed with grades of B– or better. Students must maintain at least a 3.00 grade point average for all courses.

Additional university master's degree requirements are described under Master's Degrees in the **Graduate School** section of this catalog.

Doctoral Degree Requirements

Select one of the following:		8
HPHY670	Advanced Respiratory Physiology	
HPHY676	Human Cardiovascular Control	
HPHY684	Kinematics of Human Movement	
HPHY685	Kinetics of Human Movement	
HPHY607	Seminar: [Topic] [1]	1-5
HPHY603	Dissertation [2]	1-16
Total Credits		**10-29**

1. Must register for course every term of enrollment, with one term possibly waived by the director of graduate studies to accommodate the student's research activities or other extenuating circumstances.
2. Must register for course every term of enrollment after advancing to candidacy.

The doctoral degree consists of a minimum of 135 credits beyond the bachelor's degree; at least 60 of these credits must be completed through human physiology courses. Students must complete all of the master's degree required course work listed if they have not done so previously.

Written and oral doctoral comprehensive examinations are taken after completing a substantial portion of the program of study. Upon passing these examinations, the student is advanced to candidacy. A final oral defense is held after completion of the dissertation and after all other degree requirements have been met.

Required courses must be taken for letter grades and passed with grades of B– or better. Students must maintain at least a 3.00 grade point average for all courses.

Additional university doctor of philosophy degree requirements are described under Doctoral Degrees in the **Graduate School** section of this catalog.

Admission Requirements

Applicants for the athletic training MS program should check the Graduate Studies in Athletic Training website (http://pages.uoregon.edu/uogradat) and applicants for the research-intensive MS or PhD program should check the department website (http://physiology.uoregon.edu) for information on the online graduate application and deadlines.

Recommended criteria for applying to all graduate programs include the following:

- Baccalaureate degree from an accredited university with a GPA of 3.40 or higher on a 4.00 scale
- GRE scores of 153 or higher on each of the verbal and quantitative sections (institution code: 4846; department code: 0217)
- Completed course work with a grade of B+ or higher in general chemistry, general biology, and two courses of physiology or combined anatomy and physiology
- International students who have not received a degree from a university in a country whose official language is English must have a TOEFL score of 575 (paper test), or 90 (Internet-based test) or an IELTS overall band score of 7.0.

Minimum requirements for admission to all graduate programs include the following:

- Baccalaureate degree from an accredited university with a GPA of 3.00 or higher on a 4.00 scale
- GRE scores of 148 or higher on each of the verbal and quantitative sections (institution code: 4846; department code: 0217)
- Completed course work with a grade of B– or higher in general chemistry, general biology, and two courses of physiology or combined anatomy and physiology
- International students who have not received a degree from a university in a country whose official language is English must have a TOEFL score of 575 (paper test), or 90 (Internet-based test) or an IELTS overall band score of 7.0

Courses

HPHY101. Exercise as Medicine. 4 Credits.
The effects of exercise on health and in the prevention and treatment of disease.

HPHY102. Exercise and Wellness across the Life Span. 4 Credits.
Processes affecting physical activity and exercise from infancy through elder adulthood. Topics include physiological, sensory-motor, and cognitive factors across the life span.

HPHY103. Exercise and Performance. 4 Credits.
Structure and function of the human body including movement analysis. Topics include training and exercise responses; sport, daily living, and workplace performance; and injury adaptations.

HPHY104. Understanding Human Disease. 4 Credits.
Introduces fundamental physiological and anatomical concepts to nonscience majors, to better understand disease and how humans adapt to create solutions to environmental challenges.

HPHY105. Principles of Nutrition. 4 Credits.
Explores the fundamentals of nutrition and its application to culture, lifestyle, and health as they relate to humans across the lifespan. Course will be taught once or more per academic year.

HPHY111. The Science of Sex. 4 Credits.
The anatomy and physiology of sex, with assignments and discussion designed to develop scientific literacy.

HPHY199. Special Studies: [Topic]. 1-4 Credits.
Repeatable.

HPHY211. Medical Terminology. 3 Credits.
Explore and develop skills in language and terminology specific to the medical sciences with an emphasis on derivation, meaning, and pronunciation.

HPHY212. Evidence, Inference, and Biostatistics. 4 Credits.
Explores how data is used as evidence in research and inferred from experiments, and how statistics are used to inform us about human physiology.

HPHY321. Human Anatomy I. 5 Credits.
Introduction to the human body and histology; nerves; central, autonomic, and peripheral nervous systems; cranial nerves; regional anatomy of the head; special senses. Includes cadaver laboratory. Sequence with HPHY 322, 323, 324, 325.
Prereq: HPHY 211; BI 211 or BI 281H; BI 212 or BI 282H; CH 221 or CH 224H; CH 222 or CH 225H; CH 223 or CH 226H; MATH 246 or MATH 251. Must be passed with grades of C or better.

HPHY322. Human Physiology I. 5 Credits.
Neuro- and muscular physiology: action potentials; synapses and receptors; skeletal muscle; central, peripheral, and autonomic nervous systems; special senses. Includes human-based laboratory. Sequence with HPHY 321, 323, 324, 325.
Prereq: HPHY 212; BI 211 or BI 281H; BI 212 or BI 282H; CH 221 or CH 224H; CH 222 or CH 225H; CH 223 or CH 226H; MATH 246 or MATH 251. Must be passed with grades of C or better.

HPHY323. Human Anatomy II. 5 Credits.
Heart, lungs, and vasculature in addition to regional exploration of the musculosketetal system. Includes cadaver laboratory. Sequence with HPHY 321, 322, 324, 325.
Prereq: HPHY 321.

HPHY324. Human Physiology II. 5 Credits.
Cardiovascular system; respiratory system; immunology. Includes human-based laboratory. Sequence with HPHY 321, 322, 323, 325.
Prereq: HPHY 212, 321, 322.

HPHY325. Human Anatomy and Physiology III. 5 Credits.
Anatomy and physiology of the digestive, reproductive, and renal systems; endocrinology. Includes combination of cadaver laboratory and human-based laboratory. Sequence with HPHY 321, 322, 323, 324.
Prereq: HPHY 323 and 324.

HPHY333. Motor Control. 4 Credits.
Introduction to the processes of control and coordination in the performance of motor skills. Neurophysiological, mechanical, and cognitive bases of motor skill acquisition.
Prereq: HPHY 321 and 322, or PSY 304.

HPHY362. Tissue Injury and Repair. 4 Credits.
Exploration of the physiology of injury and trauma. Emphasis on inflammation and healing of connective tissue injury, tissue biomechanics, mechanisms of injury, and clinical orthopedic evaluation techniques.
Prereq: HPHY 323 and 324.

HPHY371. Physiology of Exercise. 4 Credits.
Physiology of exercise, physical conditioning, and training; mechanisms and significance of these effects for health and performance.
Prereq: HPHY 323 and HPHY 324. Must be passed with a grade of C or better.

HPHY381. Biomechanics. 4 Credits.
Fundamental principles of physics applied to the analysis of human movement. Emphasis on developing abilities to analyze human movement quantitatively.
Prereq: HPHY 371.

HPHY399. Special Studies: [Topic]. 1-4 Credits.
Repeatable.
Prereq: HPHY 325 or HPHY 371.

HPHY401. Research: [Topic]. 1-15 Credits.
Repeatable.

HPHY403. Thesis. 1-4 Credits.
For honors students during the terms in which they conduct research or write a thesis.

HPHY404. Internship: [Topic]. 1-16 Credits.
Repeatable. Field experience in an agency, institution, or business. Practice knowledge from courses: planning, organizing, directing, evaluating, and developing professional competence.

HPHY405. Reading and Conference: [Topic]. 1-15 Credits.
Repeatable. Reading and assignments in connection with other courses for extra credit. Honors readings.

HPHY406. Special Problems: [Topic]. 1-15 Credits.
Repeatable.

HPHY407. Seminar: [Topic]. 1-5 Credits.
Repeatable. Topics are offered regularly in such areas as health sciences, motor control, biomechanics, and physiology.

HPHY408. Workshop: [Topic]. 1-15 Credits.
Repeatable.

HPHY409. Practicum: [Topic]. 1-15 Credits.
Repeatable. Assist students learning anatomy or physiology in either the lecture or lab courses.

HPHY410. Experimental Course: [Topic]. 1-5 Credits.
Repeatable.
Prereq: HPHY 325 or HPHY 371.

HPHY412. Sleep Physiology. 4 Credits.
Fundamental principles of sleep and how physiology is affected by sleep.
Prereq: HPHY 325.

HPHY413. Muscle Structure, Function, and Plasticity. 4 Credits.
Physiologic basis for skeletal muscle adaptation to increased and decreased use and injury. Emphasizes how structure dictates function relevant to rehabilitation.
Pre- or coreq: HPHY 371.

HPHY414. Muscle Metabolism. 4 Credits.
Metabolic basis for skeletal muscle adaptation to increased and decreased use, and injury models. Emphasizes interorgan communication; uses clinical models.
Prereq: HPHY 371.

HPHY417. Hypertension. 4 Credits.
Investigates clinical and experimental observations underlying the mechanisms of chronic high blood pressure and clinical therapies used for treatment. Emphasizes integration of theory and practice.
Prereq: HPHY 325, 371.

HPHY419. Alternative and Complementary Medicine. 4 Credits.
Exploration of alternative and complementary medicine, including scientific evidence for the mechanisms underlying practices such as meditation, acupuncture, and yoga in improving health.
Prereq: HPHY 325, 371.

HPHY420. Human Cadaver Dissection. 1 Credit.
Dissection of one region of a preserved human cadaver and preparation of the specimen for the HPHY 321 and/or 323 laboratory experience. Students are accepted by application, which are due early February.
Prereq: HPHY 323.

HPHY421. Pathophysiology. 4 Credits.
Representative diseases of the endocrine, renal, pulmonary, gastrointestinal and cardiovascular systems.
Prereq: HPHY 325, HPHY 371.

HPHY433. Neurophysiology of Concussion. 4 Credits.
Investigate diagnosis, deficits, and treatment of mild traumatic brain injury and neurophysiological effects.
Prereq: HPHY 333.

HPHY434. Movement Disorders. 4 Credits.
Discusses the clinical manifestations and underlying physiological mechanisms of selected movement disorders. Emphasizes the role of scientific experiment in diagnosis and treatment.
Prereq: HPHY 333.

HPHY441. Clinical Exercise Physiology. 3 Credits.
Principles of exercise physiology integrated into the clinical setting, with emphasis on cardiovascular and pulmonary diseases.
Prereq: HPHY 371.

HPHY442. Clinical Electrocardiography. 4 Credits.
Exploration of heart conduction, arrhythmia, and clinical significance of electrocardiography with an emphasis on clinical application.
Prereq: HPHY 324.

HPHY443. Clinical Pharmacology. 4 Credits.
Examines the mode of action of representative pharmaceutical agents. Students work in groups to determine effective pharmacological intervention.
Prereq: HPHY 325, HPHY 371.

HPHY460. Lumbar and Pelvic Functional Anatomy. 4 Credits.
Application of evidence-based approach to understanding the anatomy and biomechanics of lumbar spine and pelvis and its relationship to health and disease.
Prereq: HPHY 323.

HPHY462. Therapeutic Techniques. 4 Credits.
Clinical application of therapeutic techniques including modalities and rehabilitation for soft-tissue orthopedic injuries. Offered alternate years.
Prereq: HPHY 362.

HPHY470. Environmental Physiology. 4 Credits.
Examination of physiological adaptations to acute and chronic exposure to extreme heat, cold, and high altitude.
Prereq: HPHY 371

HPHY472. Advanced Laboratories in Exercise Physiology. 4 Credits.
Theoretical basis and practical application of modern physiological testing of cardiovascular and respiratory function with a focus on exercise and performance.
Pre- or coreq: HPHY 371.

HPHY473. High Altitude Physiology and Medicine. 4 Credits.
Explores major physiologic responses to high altitude (hypoxia), both adaptive and maladaptive, from systems to molecular level, as well as pathophysiologic conditions at high altitude. Offered alternate years.
Prereq: HPHY 325 and 371.

HPHY480. Technology Development. 4 Credits.
Provides a foundation in principles of intellectual property and technology transfer, critical to technology development in clinical and sport industries.
Prereq: HPHY 371, HPHY 381.
Prereq: HPHY 371; HPHY 381.

HPHY485. Gait Analysis. 4 Credits.
Study of walking including the impairments and functional limitations contributing to disabilities. Provides fundamental terminology, techniques, and data interpretation used in gait analysis.
Prereq: HPHY 381.

HPHY486. Orthopedic Biomechanics. 4 Credits.
Principles of musculoskeletal biomechanics relating to concepts in surgical and nonsurgical orthopedics. Course is beneficial to those pursuing careers in medicine and health sciences.
Prereq: HPHY 381.

HPHY503. Thesis. 1-16 Credits.
Repeatable.

HPHY507. Seminar: [Topic]. 1-5 Credits.
Repeatable. Topics are offered regularly in such areas as health sciences, motor control, biomechanics, and physiology.

HPHY508. Workshop: [Topic]. 1-15 Credits.
Repeatable.

HPHY510. Experimental Course: [Topic]. 1-5 Credits.
Repeatable.

HPHY512. Sleep Physiology. 4 Credits.
Fundamental principles of sleep and how physiology is affected by sleep.

HPHY513. Muscle Structure, Function, and Plasticity. 4 Credits.
Physiologic basis for skeletal muscle adaptation to increased and decreased use and injury. Emphasizes how structure dictates function relevant to rehabilitation.

HPHY514. Muscle Metabolism. 4 Credits.
Metabolic basis for skeletal muscle adaptation to increased and decreased use, and injury models. Emphasizes interorgan communication; uses clinical models.

HPHY517. Hypertension. 4 Credits.
Investigates clinical and experimental observations underlying the mechanisms of chronic high blood pressure and clinical therapies used for treatment. Emphasizes integration of theory and practice.
Prereq: HPHY 325.

HPHY519. Alternative and Complementary Medicine. 4 Credits.
Exploration of alternative and complementary medicine, including scientific evidence for the mechanisms underlying practices such as meditation, acupuncture, and yoga in improving health.

HPHY520. Human Cadaver Dissection. 1 Credit.
Dissection of one region of a preserved human cadaver and preparation of the specimen for the ANAT 314 or 315 laboratory experience. Students are accepted byapplication, which are due early February.

HPHY533. Neurophysiology of Concussion. 4 Credits.
Investigate diagnosis, deficits, and treatment of mild traumatic brain injury and neurophysiological effects.

HPHY534. Movement Disorders. 4 Credits.
Discusses the clinical manifestations and underlying physiological mechanisms of selected movement disorders. Emphasizes the role of scientific experiment in diagnosis and treatment.

HPHY570. Environmental Physiology. 4 Credits.
Examination of physiological adaptations to acute and chronic exposure to extreme heat, cold, and high altitude.

HPHY573. High Altitude Physiology and Medicine. 4 Credits.
Explores major physiologic responses to high altitude (hypoxia), both adaptive and maladaptive, from systems to molecular level, as well as pathophysiologic conditions at high altitude. Offered alternate years.

HPHY580. Technology Development. 4 Credits.
Provides a foundation in principles of intellectual property and technology transfer, critical to technology development in clinical and sport industries.

HPHY585. Gait Analysis. 4 Credits.
Study of walking including the impairments and functional limitations contributing to disabilities. Provides fundamental terminology, techniques, and data interpretation used in gait analysis.
Prereq: HPHY 381.

HPHY586. Orthopedic Biomechanics. 4 Credits.
Principles of musculoskeletal biomechanics relating to concepts in surgical and nonsurgical orthopedics. Course is beneficial to those pursuing careers in medicine and health sciences.
Prereq: HPHY 381 or equivalent

HPHY601. Research: [Topic]. 1-16 Credits.
Repeatable.

HPHY602. Supervised College Teaching. 1-5 Credits.
Repeatable.

HPHY603. Dissertation. 1-16 Credits.
Repeatable.

HPHY605. Reading and Conference: [Topic]. 1-15 Credits.
Repeatable.

HPHY606. Special Problems: [Topic]. 1-16 Credits.
Repeatable. Selected problems in the field of human physiology.

HPHY607. Seminar: [Topic]. 1-9 Credits.
Repeatable. Topics are offered regularly in such areas as health sciences, motor control, biomechanics, and physiology.

HPHY608. Workshop: [Topic]. 1-15 Credits.
Repeatable.

HPHY609. Practicum: [Topic[. 1-15 Credits.
Repeatable.

HPHY610. Experimental Course: [Topic]. 1-5 Credits.
Repeatable.

HPHY611. Professional Skills I: Effective Teaching. 1 Credit.
Development of professional skills for academic careers related to human physiology. Sequence with HPHY 612, 613.

HPHY612. Professional Skills II: Responsible Research. 1 Credit.
Development of professional skills for academic careers related to human physiology. Sequence with HPHY 611, 613.

HPHY613. Professional Skills III: Career Development. 1 Credit.
Development of professional skills for academic careers related to human physiology. Sequence with HPHY 611, 612.

HPHY621. Systems Physiology I. 4 Credits.
Advanced overview of neural physiology, neural control of human movement, and the biomechanical constraints underlying that control. Sequence with 622, 623.

HPHY622. Systems Physiology II. 4 Credits.
Advanced overview of cardiovascular physiology and skeletal muscle cell physiology and metabolism. Series with HPHY 621, 623.

HPHY623. Systems Physiology III. 4 Credits.
Advanced overview of renal and respiratory physiology. Series with HPHY 621, 622.

HPHY660. Basic Science in Clinical Decisions. 4 Credits.
Literature-based investigation into the basic science and clinical research underlying clinical decisions in athletic medicine.

HPHY661. Manual Therapy: Movement Patterns, Core Stability. 2 Credits.
Advanced skills in proprioceptive neuromuscular facilitation (PNF) movement patterns, and both pilates principles and manual therapy to improve core stability. For certified athletic trainers. Offered alternate years.

HPHY662. Manual Therapy: Spine, Lower Quadrant. 2 Credits.
Advanced skills in muscle energy, mobilization, and trigger-point release techniques for the spine and lower quadrant. For certified athletic trainers. Offered alternate years.

HPHY668. Physiology of Injury. 4 Credits.
Physiological regulatory mechanisms controlling injury, inflammation, and pain. Therapeutic modalities used to mitigate the consequences of these responses that accompany physical activity.

HPHY669. The Female Athlete. 4 Credits.
Literature-based investigation of the unique anatomy and physiology, as well as social-cultural issues, of the female athlete related to sports medicine.

HPHY670. Advanced Respiratory Physiology. 4 Credits.
Explores advanced concepts in respiratory physiology; includes exercise adaptations and examples of pathophysiology. Offered alternate years.
Prereq: HPHY 623.

HPHY671. Therapeutic Restoration of Biomotor Abilities. 3 Credits.
Exploration of advanced rehabilitation techniques for athletic trainers, including advanced program design, evaluation, and movement-sport analysis.
Pre- or coreq: certification as an athletic trainer or physical therapist.

HPHY676. Human Cardiovascular Control. 4 Credits.
Cardiovascular physiology, including central control of blood pressure and flow regulation. An integrative approach toward how the cardiovascular system is coordinated with overall body function. Offered alternate years.
Prereq: HPHY 623.

HPHY684. Kinematics of Human Movement. 4 Credits.
Theory and application of kinematic analysis of human motion. Emphasis on 2D and 3D kinematics, including data collection, analysis and modeling. Offered alternate years.
Prereq: HPHY 621.

HPHY685. Kinetics of Human Movement. 4 Credits.
Experimental methods and mechanical theories associated with the analysis of joint forces and movements during human motion. Offered alternate years.
Prereq: HPHY 621.

International Studies

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Eugene, Oregon 97403-5206
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The Department of International Studies offers bachelor of arts (BA), bachelor of science (BS), and master of arts (MA) degrees. The program is tailored to give students the theoretical tools to make sense of the fast-changing global arena; ensure the practical application of their research; immerse them in the language, history, and culture of a major world region; ensure they live, study, conduct research, or hold an internship in their region of interest; and help them develop a professional concentration area suitable for their career goals. Professional concentration options are listed below.

The Department of International Studies is a member of the Association of Professional Schools of International Affairs and the International Studies Association. These links provide more opportunities in research, internships, funding, and employment for international studies students.

Faculty

Yvonne A. Braun, associate professor (development, social change, environment). See **Women's and Gender Studies.**

Kathie Carpenter, associate professor (Southeast Asia, childhood, children and development). BA, 1975, California, San Diego; MA, 1983, PhD, 1987, Stanford. (1989)

Dennis C. Galvan, professor (comparative politics, international development, Africa and Indonesia). BA, 1987, Stanford; MA, 1990, PhD, 1996, California, Berkeley. (2001)

Derrick Hindery, associate professor (environment and development, global economic restructuring, indigenous movements). BA, 1994, MA, 1997, PhD, 2003, California, Los Angeles. (2007)

Angela Joya, assistant professor (global political economy). BA, 2002, MA, 2004, PhD, 2013, York. (2014)

Galen Martin, senior instructor (environmental geography). AA, 1977, Hesston College; BA, 1980, Goshen College; MA, 1985, Oregon; PhD, 2003, California, Davis. (1998)

Anita M. Weiss, professor (South Asia, comparative Muslim societies, gender and development). BA, 1975, Rutgers; MA, 1976, PhD, 1983, California, Berkeley. (1987)

Stephen R. Wooten, associate professor (local-global dynamics, agrarian change, expressive culture). BA, 1986, Massachusetts, Amherst; MA, 1993, PhD, 1997, Illinois, Urbana-Champaign. (1999)

Kristin Yarris, assistant professor (global health, social and cultural determinations). BA, 1994, Lewis and Clark College; MA, 2004, PhD, 2011, California, Los Angeles. (2012)

Emeritus

Gerald W. Fry, professor emeritus. BA, 1964, Stanford; MPA, 1966, Princeton; PhD, 1977, Stanford. (1981)

The date in parentheses at the end of each entry is the first year on the University of Oregon faculty.

Participating

Carlos Aguirre, history

Sean Anthony, history

Ina Asim, history

Oluwakemi Balogun, women's and gender studies

Diane B. Baxter, anthropology

Erin Beck, political science

Aletta Biersack, anthropology

Bruce A. Blonigen, economics

Lindsay F. Braun, history

Daniel P. Buck, geography

Alfredo Burlando, economics

Mark Carey, honors college

Shankha Chakraborty, economics

Elisabeth Chan, landscape architecture

Shaul E. Cohen, geography

Frederick Colby, religious studies

Jane K. Cramer, political science

Robert L. Davis, Romance languages

André Djiffack, Romance languages

Maram Epstein, East Asian languages and literatures

Michael Fakhri, law

John B. Foster, sociology

Alisa D. Freedman, East Asian languages and literatures

Ibrahim J. Gassama, law

Bryna Goodman, history

Sangita Gopal, English

Jeffrey E. Hanes, history

Susan W. Hardwick, geography

Robert S. Haskett, history

Michael Hibbard, planning, public policy and management

David Hollenberg, religious studies

Lamia Karim, anthropology

Craig Kauffman, political science

Karrie Koesel, political science

Nicolas Larco, architecture

Jeffrey Magoto, Yamada Language Center

Gabriela Martinez, journalism and communication

Michelle McKinley, law

Karen McPherson, Romance languages

Katharine Meehan, geography

Ronald B. Mitchell, political science

Alexander B. Murphy, geography

Michael Malek Najjar, theater arts

Kevin Nute, architecture

Eileen M. Otis, sociology

Craig Parsons, political science

Doris L. Payne, linguistics

Eric W. Pederson, linguistics

Philip W. Scher, anthropology

Carol T. Silverman, anthropology

Lars Skalnes, political science

Alison B. Snyder, architecture

H. Leslie Steeves, journalism and communication

Lynn Stephen, anthropology

Xiaobo Su, geography

Surendra Subramani, counseling psychology and human services

Tuong Vu, political science

Peter A. Walker, geography

Janis C. Weeks, biology

- **Bachelor of Arts**
- **Bachelor of Science**

Undergraduate Studies

The bachelor's degree offers students a rigorous education in the basic elements of the field. The program provides a sound general education for the student interested in the complex interrelationships (political, economic, social, and cultural) that exist among nations in the interdependent modern world.

Advising

The role of the faculty advisor as mentor is central to the program. Students interested in applying to the program should choose a faculty member with whom they have a common area of interest to act as their advisor and mentor, typically one of the core or participating faculty members named above or a faculty member from the student's concentration areas. Advising about specific major requirements is available from the department's undergraduate advisors.

Admission

Students who want to major in international studies must have completed at least two terms at the University of Oregon and should have attained at least a 3.00 grade point average (GPA). In addition, students must have taken and passed (with a C– or better) at least one regular international studies (INTL) course. Freshman seminars do not count toward this requirement.Students are strongly encouraged not to wait until their junior or senior year to apply. Premajor advising and help with application procedures are available at the international studies office. Applicants must meet with an international studies undergraduate advisor to review the application before submitting it for consideration. Applications are due on Monday of the fourth week of fall, winter, and spring terms.

In exceptional cases, students entering the university may apply to become an international studies major without completing the required two quarters. More information is available from an international studies undergraduate advisor.

Bachelor of Arts Degree Requirements

Preparatory Course		
INTL101	Introduction to International Issues [1]	4
International Core Foundation		
Select four of the following: [2]		16
INTL199	Special Studies: [Topic] (Globalization and the Global Economy)	
INTL240	Perspectives on International Development	
INTL250	Value Systems in Cross-Cultural Perspective	
INTL260	Culture, Capitalism, and Globalization	
INTL280	Global Environmental Issues	
Professional Concentration Area		
Four upper-division courses in one area of concentration (see professional concentration areas list and tables) [3]		16
Geographic Focus		
Courses on one cultural area (a group of nations that share common cultural, historical, geographic, and linguistic experiences) [4]		16
Total Credits		**52**

1. Should be taken before international core foundation courses.
2. INTL courses at the 300- and 400-level may be used to fulfill this requirement. More information is available from an international studies advisor.
3. Students may design their own professional concentration area if none of the predefined areas fits the student's professional goals. Students who choose this option must designate one of the core faculty members of the Department of International Studies as an advisor and work with that individual in designing the concentration.
4. 4 credits in a third-year language sequence may be used to fulfill the geographic focus requirement. Areas of focus may include Africa, Australia, and New Zealand, Central Asia, East Asia, Europe, Latin America, the Middle East, the Pacific islands, Russia and Eastern Europe, South Asia, and Southeast Asia. Appropriate courses should have significant course content on the region of study.

Professional Concentration Areas

- Comparative International Development (p. 255)
- Cross-Cultural Communication and Education (p. 255)
- Culture, Art, and Development (p. 256)
- Diplomacy and International Relations (p. 256)
- Global Health and Development (p. 257)
- International Business (p. 257)
- International Economics (p. 257)
- International Environment (p. 257)
- International Gender Issues (p. 258)
- International Nonprofit Management (p. 258)
- International Tourism (p. 258)
- Law and Human Rights (p. 259)
- Media, Journalism, and Communication (p. 259)
- Migration, Displacement, and Refugees (http://intldept.uoregon.edu/undergraduate/prof-concentration-areas/migration-displacement-refugees)
- Peace Studies and Conflict Resolution (p. 260)
- Second-Language Acquisition and Teaching (p. 260)

Comparative International Development

Required Courses		
INTL420	International Community Development	4
INTL422	Aid to Developing Countries	4
Elective Courses		
Select two courses from the following:		8
Economics		
EC390	Problems and Issues in the Developing Economies	
EC490	Economic Growth and Development	
EC491	Issues in Economic Growth and Development	
Geography		
GEOG341	Population and Environment	
GEOG342	Geography of Globalization	
GEOG465	Environment and Development	
International Studies		
INTL345	Africa Today: Issues and Concerns	
INTL421	Gender and International Development	
INTL423	Development and the Muslim World	
INTL431	Cross-Cultural Communication	
INTL442	South Asia: Development and Social Change	
INTL444	Development and Social Change in Southeast Asia	
INTL445	Development and Social Change in Sub-Saharan Africa	
INTL446	Development and Social Change in Latin America	
INTL447	Comparative Tribalisms	
Planning, Public Policy and Management		
PPPM327	Global Leadership and Change	
PPPM422	Grant Proposal Writing	
PPPM432	Justice and Urban Revitalization	
PPPM480	Nonprofit Management I	
Political Science		
PS420	International Organization	
Sociology		
SOC303	World Population and Social Structure	
SOC420	Political Economy	
SOC450	Sociology of Developing Areas	
Total Credits		**16**

Cross-Cultural Communication and Education

Required Courses		
Both of the following:		8
INTL431	Cross-Cultural Communication	
INTL433	Childhood in Cross-Cultural Perspective	
Elective Courses		

Select two courses from the following:		8
Geography		
GEOG343	Society, Culture, and Place	
GEOG441	Political Geography	
GEOG445	Culture, Ethnicity, and Nationalism	
International Studies		
INTL370	International Human Rights	
INTL407	Seminar: [Topic] (Cross-cultural Childhood)	
INTL421	Gender and International Development	
INTL432	Indigenous Cultural Survival	
INTL434	Language Issues for International Studies	
INTL447	Comparative Tribalisms	
Journalism		
J396	International Communication	
Linguistics		
LING211	Languages of the World	
Planning, Public Policy and Management		
PPPM327	Global Leadership and Change	
PPPM422	Grant Proposal Writing	
PPPM480	Nonprofit Management I	
Political Science		
PS420	International Organization	
Sociology		
SOC303	World Population and Social Structure	
SOC461	Sociology of Religion	
Total Credits		**16**

Culture, Art, and Development

Required Course		
INTL448	Bollywood's Lens on Indian Society	4
Elective Courses		
Select three courses from the following:		8
Anthropology		
ANTH419	Performance, Politics, and Folklore	
ANTH449	Cultural Resource Management	
ANTH450	The Anthropology Museum	
Art History		
ARH300	Critical Approaches to Art-Historical Study	
Arts and Administration		
AAD251	The Arts and Visual Literacy	
AAD450	Art in Society	
Dance		
DAN301	Dance in Traditional Cultures: Africa: [Topic]	
Folklore		
FLR411	Folklore and Religion	
FLR413	Folk Art and Material Culture	
FLR485	Film and Folklore	
Historic Preservation		
AAAP411	Introduction to Historic Preservation	
International Studies		
INTL431	Cross-Cultural Communication	
INTL434	Language Issues for International Studies	
Music		
MUS451	Introduction to Ethnomusicology	
MUS452	Musical Instruments of the World	
Planning, Public Policy and Management		
PPPM327	Global Leadership and Change	
PPPM480	Nonprofit Management I	
Political Science		
PS301	Art and the State	
Theater Arts		
TA472	Multicultural Theater: [Topic]	
Total Credits		**12**

Diplomacy and International Relations

Required Courses		
INTL422	Aid to Developing Countries	4
INTL431	Cross-Cultural Communication	4
Elective Courses		
Select two courses from the following:		8
Economics		
EC380	International Economic Issues	
Environmental Studies		
ENVS435	Environmental Justice	
Geography		
GEOG441	Political Geography	
GEOG445	Culture, Ethnicity, and Nationalism	
GEOG463	Geography, Law, and the Environment	
History		
HIST451	American Foreign Relations: [Topic]	
International Studies		
INTL345	Africa Today: Issues and Concerns	
INTL420	International Community Development	
INTL423	Development and the Muslim World	
INTL442	South Asia: Development and Social Change	
INTL444	Development and Social Change in Southeast Asia	
INTL445	Development and Social Change in Sub-Saharan Africa	
INTL446	Development and Social Change in Latin America	
INTL447	Comparative Tribalisms	
Planning, Public Policy and Management		
PPPM327	Global Leadership and Change	
Political Science		
PS326	United States Foreign Policy I	
PS340	International Political Economy	
PS347	Political Power, Influence, and Control	
PS420	International Organization	
PS455	Theories of International Politics	
PS477	International Environmental Politics	
PS480	Introduction to Rational Choice	
Sociology		

SOC303	World Population and Social Structure	
SOC420	Political Economy	
SOC464	Systems of War and Peace	
SOC465	Political Sociology	
Total Credits		**16**

Global Health and Development

Required Course		
INTL340	Global Health and Development	4
Elective Courses		
Select three courses from the following:		8
Anthropology		
ANTH420	Culture, Illness, and Healing	
ANTH460	Nutritional Anthropology	
ANTH465	Gender Issues in Nutritional Anthropology	
ANTH474	Human Paleopathology	
Biology		
BI309	Tropical Diseases in Africa	
BI426	Genetics of Cancer	
BI471	Population Ecology	
Geography		
GEOG341	Population and Environment	
International Studies		
INTL420	International Community Development	
INTL422	Aid to Developing Countries	
INTL463	Population Displacement and Global Health	
INTL465	Global Reproductive Health	
Psychology		
PSY366	Culture and Mental Health	
Total Credits		**12**

International Business

This concentration area requires early planning to meet prerequisites. See departmental advisors for prerequisites specific to international studies majors.

Required Courses		
MGMT420	Managing in a Global Economy	4
MKTG470	International Marketing	4
Elective Courses		
Select two courses from the following:		8
Business Administration		
BA361	Cross-Cultural Business Communication	
BA365	Cross-Cultural Negotiation	
Economics		
EC370	Money and Banking	
EC380	International Economic Issues	
EC480	International Finance	
EC481	International Trade	
EC490	Economic Growth and Development	
International Studies		
INTL345	Africa Today: Issues and Concerns	
INTL422	Aid to Developing Countries	
INTL423	Development and the Muslim World	
INTL431	Cross-Cultural Communication	
INTL442	South Asia: Development and Social Change	
INTL444	Development and Social Change in Southeast Asia	
INTL445	Development and Social Change in Sub-Saharan Africa	
INTL446	Development and Social Change in Latin America	
INTL447	Comparative Tribalisms	
Management		
MGMT321	Managing Organizations	
MGMT417	Negotiation Strategies	
Planning, Public Policy and Management		
PPPM327	Global Leadership and Change	
Total Credits		**16**

If double-majoring in business administration and international studies, other options apply.

International Economics

Required Courses		
EC480 &EC481	International Finance and International Trade	8
orEC490 &EC491	Economic Growth and Development and Issues in Economic Growth and Development	
Elective Courses		
Select two courses from the following:		8
Economics		
EC360	Issues in Industrial Organization	
EC380	International Economic Issues	
EC421	Introduction to Econometrics	
EC440	Public Economics	
EC461	Industrial Organization and Public Policy	
EC490	Economic Growth and Development	
EC491	Issues in Economic Growth and Development	
Geography		
GEOG342	Geography of Globalization	
International Studies		
INTL422	Aid to Developing Countries	
Planning, Public Policy and Management		
PPPM327	Global Leadership and Change	
Total Credits		**16**

International Environment

Required Course		
INTL420	International Community Development	4
Elective Courses		
Select three courses from the following:		12
Economics		

EC333	Resource and Environmental Economic Issues	
Environmental Studies		
ENVS435	Environmental Justice	
ENVS450	Political Ecology	
Geography		
GEOG430	Long-Term Environmental Change	
GEOG461	Environmental Alteration	
GEOG463	Geography, Law, and the Environment	
GEOG465	Environment and Development	
International Studies		
INTL422	Aid to Developing Countries	
INTL432	Indigenous Cultural Survival	
Planning, Public Policy and Management		
PPPM327	Global Leadership and Change	
PPPM443	Natural Resource Policy	
Political Science		
PS477	International Environmental Politics	
Total Credits		**16**

International Gender Issues

Required Courses		
INTL421	Gender and International Development	4
INTL433	Childhood in Cross-Cultural Perspective	4
Elective Courses		
Select two courses from the following:		8
Anthropology		
ANTH314	Gender in Cross-Cultural Perspective	
ANTH315	Gender, Folklore, Inequality	
International Studies		
INTL407	Seminar: [Topic] (Women's Movements around the World)	
INTL465	Global Reproductive Health	
Planning, Public Policy and Management		
PPPM327	Global Leadership and Change	
Political Science		
PS348	Women and Politics	
Sociology		
SOC355	Sociology of Gender	
SOC455	Issues in Sociology of Gender: [Topic]	
SOC456	Feminist Theory	
Women's and Gender Studies		
WGS315	History and Development of Feminist Theory	
WGS432	Gender, Environment, and Development	
Total Credits		**16**

International Nonprofit Management

Required Courses		
PPPM480	Nonprofit Management I	4
INTL420	International Community Development	4
orINTL422	Aid to Developing Countries	
Elective Courses		
Select two courses from the following:		8
Arts and Administration		
AAD420	Event Management	
Business Administration		
BA316	Management: Creating Value through People	
BA317	Marketing: Creating Value for Customers	
BA318	Finance: Creating Value through Capital	
Economics		
EC330	Urban and Regional Economic Problems	
EC333	Resource and Environmental Economic Issues	
EC340	Issues in Public Economics	
EC390	Problems and Issues in the Developing Economies	
International Studies		
INTL420	International Community Development	
INTL422	Aid to Developing Countries	
INTL431	Cross-Cultural Communication	
Journalism and Communication		
J340	Principles of Advertising	
J350	Principles of Public Relations	
Planning, Public Policy and Management		
PPPM280	Introduction to the Nonprofit Sector	
PPPM325	Community Leadership and Change	
PPPM327	Global Leadership and Change	
PPPM422	Grant Proposal Writing	
PPPM455	Social Planning and Policy: [Topic]	
PPPM481	Fundraising for Nonprofit Organizations	
PPPM494	Practice of Leadership and Change	
Total Credits		**16**

International Tourism

Required Courses		
GEOG441	Political Geography	4
INTL431	Cross-Cultural Communication	4
Elective Courses		
Select two courses from the following:		8
Geography		
GEOG342	Geography of Globalization	
GEOG465	Environment and Development	
International Studies		
INTL420	International Community Development	
INTL421	Gender and International Development	
INTL422	Aid to Developing Countries	
INTL431	Cross-Cultural Communication	
Marketing		
MKTG311	Marketing Management	
MKTG470	International Marketing	
Planning, Public Policy and Management		
PPPM327	Global Leadership and Change	

PPPM422	Grant Proposal Writing	
PPPM480	Nonprofit Management I	
Political Science		
PS297	Introduction to Environmental Politics	
PS477	International Environmental Politics	
Sociology		
SOC304	Community, Environment, and Society	
SOC420	Political Economy	
Total Credits		**16**

Law and Human Rights

Required Courses		
INTL370	International Human Rights	4
INTL422	Aid to Developing Countries	4
Elective Courses		
Select two courses from the following:		8
Anthropology		
ANTH314	Gender in Cross-Cultural Perspective	
Environmental Studies		
ENVS435	Environmental Justice	
Geography		
GEOG445	Culture, Ethnicity, and Nationalism	
GEOG463	Geography, Law, and the Environment	
International Studies		
INTL399	Special Studies: [Topic] (International Cooperation and Conflict, Islam and Global Forces)	
INTL421	Gender and International Development	
INTL423	Development and the Muslim World	
INTL431	Cross-Cultural Communication	
INTL442	South Asia: Development and Social Change	
INTL444	Development and Social Change in Southeast Asia	
INTL445	Development and Social Change in Sub-Saharan Africa	
INTL446	Development and Social Change in Latin America	
INTL447	Comparative Tribalisms	
Law [1]		
LAW671	International Law	
LAW693	Human Rights and Environment	
Planning, Public Policy and Management		
PPPM327	Global Leadership and Change	
PPPM418	Introduction to Public Law	
Political Science		
PS399	Special Studies: [Topic] (International Peacekeeping, Palestine and Israel)	
PS420	International Organization	
PS485	Civil Rights and Civil Liberties	
Sociology		
SOC464	Systems of War and Peace	
Total Credits		**16**

[1] A special registration process is required for law courses.

Media, Journalism, and Communication

Required Courses		
J396	International Communication	4
INTL431	Cross-Cultural Communication	4
orINTL434	Language Issues for International Studies	
Elective Courses		
Select two courses from the following:		8
Comparative Literature		
COLT450	Comparative Studies in Cinema: [Topic] (Comparative Film Imperialisms)	
International Studies		
INTL345	Africa Today: Issues and Concerns	
INTL431	Cross-Cultural Communication	
INTL434	Language Issues for International Studies	
INTL442	South Asia: Development and Social Change	
INTL444	Development and Social Change in Southeast Asia	
INTL445	Development and Social Change in Sub-Saharan Africa	
INTL446	Development and Social Change in Latin America	
INTL447	Comparative Tribalisms	
Journalism and Communication		
J350	Principles of Public Relations	
Marketing		
MKTG420	Marketing Communications	
Planning, Public Policy and Management		
PPPM327	Global Leadership and Change	
Sociology		
SOC317	Sociology of the Mass Media	
Total Credits		**16**

Migration, Displacement, and Refugees

Required Courses		
Select two courses from the following:		
INTL420	International Community Development	4
INTL422	Aid to Developing Countries	4
INTL463	Population Displacement and Global Health	4
Elective Courses		
Select two courses from the following:		8
Anthropology		
ANTH413	Culture and Psychology	
Economics		
EC430	Urban and Regional Economics	
Geography		
GEOG443	Global Migration	

History		
HIST240	War in the Modern World I	
International Studies		
INTL432	Indigenous Cultural Survival	
INTL442	South Asia: Development and Social Change	
INTL444	Development and Social Change in Southeast Asia	
INTL445	Development and Social Change in Sub-Saharan Africa	
INTL446	Development and Social Change in Latin America	
Sociology		
SOC303	World Population and Social Structure	
SOC442	Issues in Urban Sociology: [Topic] (Urbanization and the City)	
SOC450	Sociology of Developing Areas	
Total Credits		**20**

Peace Studies and Conflict Resolution

Required Courses		
INTL360	International Cooperation and Conflict	
Select one of the following:		4
INTL370	International Human Rights	
INTL431	Cross-Cultural Communication	
INTL447	Comparative Tribalisms	
Elective Courses		
Select two courses from the following:		8
Environmental Science		
ENVS435	Environmental Justice	
Geography		
GEOG441	Political Geography	
GEOG445	Culture, Ethnicity, and Nationalism	
History		
HIST240	War in the Modern World I	
International Studies		
INTL407	Seminar: [Topic] (Indigenous Human Rights)	
INTL420	International Community Development	
INTL421	Gender and International Development	
INTL422	Aid to Developing Countries	
INTL423	Development and the Muslim World	
INTL431	Cross-Cultural Communication	
INTL434	Language Issues for International Studies	
INTL447	Comparative Tribalisms	
Planning, Public Policy and Management		
PPPM327	Global Leadership and Change	
Political Science		
PS297	Introduction to Environmental Politics	
PS399	Special Studies: [Topic] (International Peacekeeping)	
PS420	International Organization	
Sociology		
SOC464	Systems of War and Peace	
Total Credits		**12**

Second-Language Acquisition and Teaching

Students must complete the requirements of the certificate in second-language acquisition and teaching o fulfill this concentration. Students may choose their language specialization from the following target languages: Chinese, English, French, German, Japanese, Korean, Russian, or Spanish. For more information, including requirements and courses, please contact an international studies undergraduate advisor and visit slat.uoregon.edu.

Required and Elective Courses
Students must contact an international studies undergraduate advisor for options in their linguistic areas

Additional Requirements

Courses must be passed with grades of C– or better to satisfy major requirements. In addition, three years' proficiency in a second language is required. To encourage the study of less commonly taught languages, students also may fulfill the language requirement with the "two-plus-two" option: two years' proficiency in a commonly taught language (i.e., French, German, Italian, or Spanish) and two years' proficiency in any other language.

Courses applied to the major, with the exception of the language requirement and up to 8 credits in Field Studies: [Topic] (INTL406) or Practicum: [Topic] (INTL409), must be taken for letter grades.

A maximum of 12 credits in courses taken to fulfill the university group requirements may be applied toward the international studies major.

A maximum of 20 credits in courses taken in a single department other than international studies may be applied toward the international studies major, exclusive of the language requirement.

For the most current information about courses and requirements, visit the department website.

Language Requirement

To satisfy this requirement, students must achieve proficiency in a second language at a level associated with three years of study. Proficiency in the language may be demonstrated by passing three terms of a 300-level language sequence with grades of mid-C or better, or by an examination.

A student may also fulfill the language requirement with two years' proficiency in two different languages (exclusive of the student's native tongue) if at least one of the two is a less commonly taught language (i.e., not French, German, Italian, or Spanish). Students wishing to pursue this option must get approval from the undergraduate studies faculty director.

International Experience

Majors must have a significant international experience to complete requirements for the major. This is usually satisfied by at least one term (ten weeks) of study or work in another country that coincides with their geographical focus area. For information about study abroad, see Study Abroad in the **Supplementary Academic Programming** section of this catalog. Advice is available from the Office of International Affairs, 330 Oregon Hall.

Internship Option

Students may earn pass/no pass (P/N) credit for work done as interns. Interested students should consult with international studies advisors.

Bachelor of Science Degree Requirements

Preparatory Course		
INTL101	Introduction to International Issues [1]	4
International Core Foundation		
Select four of the following: [2]		16
INTL199	Special Studies: [Topic] (Globalization and the Global Economy)	
INTL240	Perspectives on International Development	
INTL250	Value Systems in Cross-Cultural Perspective	
INTL260	Culture, Capitalism, and Globalization	
INTL280	Global Environmental Issues	
Professional Concentration Area		
Four upper-division courses in one area of concentration (see professional concentration areas list and tables) [3]		16
Geographic Focus		
Courses on one cultural area (a group of nations that share common cultural, historical, geographic, and linguistic experiences) [4]		16
Total Credits		**52**

1. Should be taken before international core foundation courses.
2. INTL courses at the 300- and 400-level may be used to fulfill this requirement. More information is available from an international studies advisor.
3. Students may design their own professional concentration area if none of the predefined areas fits the student's professional goals. Students who choose this option must designate one of the core faculty members of the Department of International Studies as an advisor and work with that individual in designing the concentration.
4. 4 credits in a third-year language sequence may be used to fulfill the geographic focus requirement. Areas of focus may include Africa, Australia, and New Zealand, Central Asia, East Asia, Europe, Latin America, the Middle East, the Pacific islands, Russia and Eastern Europe, South Asia, and Southeast Asia. Appropriate courses should have significant course content on the region of study.

Professional Concentration Areas

- Comparative International Development (p. 255)
- Cross-Cultural Communication and Education (p. 255)
- Culture, Art, and Development (p. 256)
- Diplomacy and International Relations (p. 256)
- Global Health and Development (p. 257)
- International Business (p. 257)
- International Economics (p. 257)
- International Environment (p. 257)
- International Gender Issues (p. 258)
- International Nonprofit Management (p. 258)
- International Tourism (p. 258)
- Law and Human Rights (p. 259)
- Media, Journalism, and Communication (p. 259)
- Migration, Displacement, and Refugees (http://intldept.uoregon.edu/undergraduate/prof-concentration-areas/migration-displacement-refugees)
- Peace Studies and Conflict Resolution (p. 260)
- Second-Language Acquisition and Teaching (p. 260)

Comparative International Development

Required Courses		
INTL420	International Community Development	4
INTL422	Aid to Developing Countries	4
Elective Courses		
Select two courses from the following:		8
Economics		
EC390	Problems and Issues in the Developing Economies	
EC490	Economic Growth and Development	
EC491	Issues in Economic Growth and Development	
Geography		
GEOG341	Population and Environment	
GEOG342	Geography of Globalization	
GEOG465	Environment and Development	
International Studies		
INTL345	Africa Today: Issues and Concerns	
INTL421	Gender and International Development	
INTL423	Development and the Muslim World	
INTL431	Cross-Cultural Communication	
INTL442	South Asia: Development and Social Change	
INTL444	Development and Social Change in Southeast Asia	
INTL445	Development and Social Change in Sub-Saharan Africa	
INTL446	Development and Social Change in Latin America	
INTL447	Comparative Tribalisms	
Planning, Public Policy and Management		
PPPM327	Global Leadership and Change	
PPPM422	Grant Proposal Writing	
PPPM432	Justice and Urban Revitalization	
PPPM480	Nonprofit Management I	
Political Science		
PS420	International Organization	
Sociology		
SOC303	World Population and Social Structure	
SOC420	Political Economy	
SOC450	Sociology of Developing Areas	
Total Credits		**16**

Cross-Cultural Communication and Education

Required Courses		
Both of the following:		8
INTL431	Cross-Cultural Communication	
INTL433	Childhood in Cross-Cultural Perspective	
Elective Courses		
Select two courses from the following:		8
Geography		
GEOG343	Society, Culture, and Place	
GEOG441	Political Geography	
GEOG445	Culture, Ethnicity, and Nationalism	
International Studies		
INTL370	International Human Rights	
INTL407	Seminar: [Topic] (Cross-cultural Childhood)	
INTL421	Gender and International Development	
INTL432	Indigenous Cultural Survival	
INTL434	Language Issues for International Studies	
INTL447	Comparative Tribalisms	
Journalism		
J396	International Communication	
Linguistics		
LING211	Languages of the World	
Planning, Public Policy and Management		
PPPM327	Global Leadership and Change	
PPPM422	Grant Proposal Writing	
PPPM480	Nonprofit Management I	
Political Science		
PS420	International Organization	
Sociology		
SOC303	World Population and Social Structure	
SOC461	Sociology of Religion	
Total Credits		**16**

Culture, Art, and Development

Required Course		
INTL448	Bollywood's Lens on Indian Society	4
Elective Courses		
Select three courses from the following:		8
Anthropology		
ANTH419	Performance, Politics, and Folklore	
ANTH449	Cultural Resource Management	
ANTH450	The Anthropology Museum	
Art History		
ARH300	Critical Approaches to Art-Historical Study	
Arts and Administration		
AAD251	The Arts and Visual Literacy	
AAD450	Art in Society	
Dance		
DAN301	Dance in Traditional Cultures: Africa: [Topic]	
Folklore		
FLR411	Folklore and Religion	
FLR413	Folk Art and Material Culture	
FLR485	Film and Folklore	
Historic Preservation		
AAAP411	Introduction to Historic Preservation	
International Studies		
INTL431	Cross-Cultural Communication	
INTL434	Language Issues for International Studies	
Music		
MUS451	Introduction to Ethnomusicology	
MUS452	Musical Instruments of the World	
Planning, Public Policy and Management		
PPPM327	Global Leadership and Change	
PPPM480	Nonprofit Management I	
Political Science		
PS301	Art and the State	
Theater Arts		
TA472	Multicultural Theater: [Topic]	
Total Credits		**12**

Diplomacy and International Relations

Required Courses		
INTL422	Aid to Developing Countries	4
INTL431	Cross-Cultural Communication	4
Elective Courses		
Select two courses from the following:		8
Economics		
EC380	International Economic Issues	
Environmental Studies		
ENVS435	Environmental Justice	
Geography		
GEOG441	Political Geography	
GEOG445	Culture, Ethnicity, and Nationalism	
GEOG463	Geography, Law, and the Environment	
History		
HIST451	American Foreign Relations: [Topic]	
International Studies		
INTL345	Africa Today: Issues and Concerns	
INTL420	International Community Development	
INTL423	Development and the Muslim World	
INTL442	South Asia: Development and Social Change	
INTL444	Development and Social Change in Southeast Asia	
INTL445	Development and Social Change in Sub-Saharan Africa	
INTL446	Development and Social Change in Latin America	
INTL447	Comparative Tribalisms	
Planning, Public Policy and Management		
PPPM327	Global Leadership and Change	
Political Science		
PS326	United States Foreign Policy I	

PS340	International Political Economy	
PS347	Political Power, Influence, and Control	
PS420	International Organization	
PS455	Theories of International Politics	
PS477	International Environmental Politics	
PS480	Introduction to Rational Choice	
Sociology		
SOC303	World Population and Social Structure	
SOC420	Political Economy	
SOC464	Systems of War and Peace	
SOC465	Political Sociology	
Total Credits		**16**

Global Health and Development

Required Course		
INTL340	Global Health and Development	4
Elective Courses		
Select three courses from the following:		8
Anthropology		
ANTH420	Culture, Illness, and Healing	
ANTH460	Nutritional Anthropology	
ANTH465	Gender Issues in Nutritional Anthropology	
ANTH474	Human Paleopathology	
Biology		
BI309	Tropical Diseases in Africa	
BI426	Genetics of Cancer	
BI471	Population Ecology	
Geography		
GEOG341	Population and Environment	
International Studies		
INTL420	International Community Development	
INTL422	Aid to Developing Countries	
INTL463	Population Displacement and Global Health	
INTL465	Global Reproductive Health	
Psychology		
PSY366	Culture and Mental Health	
Total Credits		**12**

International Business

This concentration area requires early planning to meet prerequisites. See departmental advisors for prerequisites specific to international studies majors.

Required Courses		
MGMT420	Managing in a Global Economy	4
MKTG470	International Marketing	4
Elective Courses		
Select two courses from the following:		8
Business Administration		
BA361	Cross-Cultural Business Communication	
BA365	Cross-Cultural Negotiation	
Economics		
EC370	Money and Banking	
EC380	International Economic Issues	
EC480	International Finance	
EC481	International Trade	
EC490	Economic Growth and Development	
International Studies		
INTL345	Africa Today: Issues and Concerns	
INTL422	Aid to Developing Countries	
INTL423	Development and the Muslim World	
INTL431	Cross-Cultural Communication	
INTL442	South Asia: Development and Social Change	
INTL444	Development and Social Change in Southeast Asia	
INTL445	Development and Social Change in Sub-Saharan Africa	
INTL446	Development and Social Change in Latin America	
INTL447	Comparative Tribalisms	
Management		
MGMT321	Managing Organizations	
MGMT417	Negotiation Strategies	
Planning, Public Policy and Management		
PPPM327	Global Leadership and Change	
Total Credits		**16**

If double-majoring in business administration and international studies, other options apply.

International Economics

Required Courses		
EC480 &EC481	International Finance and International Trade	8
orEC490 &EC491	Economic Growth and Development and Issues in Economic Growth and Development	
Elective Courses		
Select two courses from the following:		8
Economics		
EC360	Issues in Industrial Organization	
EC380	International Economic Issues	
EC421	Introduction to Econometrics	
EC440	Public Economics	
EC461	Industrial Organization and Public Policy	
EC490	Economic Growth and Development	
EC491	Issues in Economic Growth and Development	
Geography		
GEOG342	Geography of Globalization	
International Studies		
INTL422	Aid to Developing Countries	
Planning, Public Policy and Management		
PPPM327	Global Leadership and Change	
Total Credits		**16**

International Environment

Required Course		
INTL420	International Community Development	4
Elective Courses		
Select three courses from the following:		12
Economics		
EC333	Resource and Environmental Economic Issues	
Environmental Studies		
ENVS435	Environmental Justice	
ENVS450	Political Ecology	
Geography		
GEOG430	Long-Term Environmental Change	
GEOG461	Environmental Alteration	
GEOG463	Geography, Law, and the Environment	
GEOG465	Environment and Development	
International Studies		
INTL422	Aid to Developing Countries	
INTL432	Indigenous Cultural Survival	
Planning, Public Policy and Management		
PPPM327	Global Leadership and Change	
PPPM443	Natural Resource Policy	
Political Science		
PS477	International Environmental Politics	
Total Credits		**16**

International Gender Issues

Required Courses		
INTL421	Gender and International Development	4
INTL433	Childhood in Cross-Cultural Perspective	4
Elective Courses		
Select two courses from the following:		8
Anthropology		
ANTH314	Gender in Cross-Cultural Perspective	
ANTH315	Gender, Folklore, Inequality	
International Studies		
INTL407	Seminar: [Topic] (Women's Movements around the World)	
INTL465	Global Reproductive Health	
Planning, Public Policy and Management		
PPPM327	Global Leadership and Change	
Political Science		
PS348	Women and Politics	
Sociology		
SOC355	Sociology of Gender	
SOC455	Issues in Sociology of Gender: [Topic]	
SOC456	Feminist Theory	
Women's and Gender Studies		
WGS315	History and Development of Feminist Theory	
WGS432	Gender, Environment, and Development	
Total Credits		**16**

International Nonprofit Management

Required Courses		
PPPM480	Nonprofit Management I	4
INTL420	International Community Development	4
orINTL422	Aid to Developing Countries	
Elective Courses		
Select two courses from the following:		8
Arts and Administration		
AAD420	Event Management	
Business Administration		
BA316	Management: Creating Value through People	
BA317	Marketing: Creating Value for Customers	
BA318	Finance: Creating Value through Capital	
Economics		
EC330	Urban and Regional Economic Problems	
EC333	Resource and Environmental Economic Issues	
EC340	Issues in Public Economics	
EC390	Problems and Issues in the Developing Economies	
International Studies		
INTL420	International Community Development	
INTL422	Aid to Developing Countries	
INTL431	Cross-Cultural Communication	
Journalism and Communication		
J340	Principles of Advertising	
J350	Principles of Public Relations	
Planning, Public Policy and Management		
PPPM280	Introduction to the Nonprofit Sector	
PPPM325	Community Leadership and Change	
PPPM327	Global Leadership and Change	
PPPM422	Grant Proposal Writing	
PPPM455	Social Planning and Policy: [Topic]	
PPPM481	Fundraising for Nonprofit Organizations	
PPPM494	Practice of Leadership and Change	
Total Credits		**16**

International Tourism

Required Courses		
GEOG441	Political Geography	4
INTL431	Cross-Cultural Communication	4
Elective Courses		
Select two courses from the following:		8
Geography		
GEOG342	Geography of Globalization	
GEOG465	Environment and Development	
International Studies		
INTL420	International Community Development	

INTL421	Gender and International Development	
INTL422	Aid to Developing Countries	
INTL431	Cross-Cultural Communication	
Marketing		
MKTG311	Marketing Management	
MKTG470	International Marketing	
Planning, Public Policy and Management		
PPPM327	Global Leadership and Change	
PPPM422	Grant Proposal Writing	
PPPM480	Nonprofit Management I	
Political Science		
PS297	Introduction to Environmental Politics	
PS477	International Environmental Politics	
Sociology		
SOC304	Community, Environment, and Society	
SOC420	Political Economy	
Total Credits		**16**

Law and Human Rights

Required Courses		
INTL370	International Human Rights	4
INTL422	Aid to Developing Countries	4
Elective Courses		
Select two courses from the following:		8
Anthropology		
ANTH314	Gender in Cross-Cultural Perspective	
Environmental Studies		
ENVS435	Environmental Justice	
Geography		
GEOG445	Culture, Ethnicity, and Nationalism	
GEOG463	Geography, Law, and the Environment	
International Studies		
INTL399	Special Studies: [Topic] (International Cooperation and Conflict, Islam and Global Forces)	
INTL421	Gender and International Development	
INTL423	Development and the Muslim World	
INTL431	Cross-Cultural Communication	
INTL442	South Asia: Development and Social Change	
INTL444	Development and Social Change in Southeast Asia	
INTL445	Development and Social Change in Sub-Saharan Africa	
INTL446	Development and Social Change in Latin America	
INTL447	Comparative Tribalisms	
Law [1]		
LAW671	International Law	
LAW693	Human Rights and Environment	
Planning, Public Policy and Management		
PPPM327	Global Leadership and Change	
PPPM418	Introduction to Public Law	
Political Science		
PS399	Special Studies: [Topic] (International Peacekeeping, Palestine and Israel)	
PS420	International Organization	
PS485	Civil Rights and Civil Liberties	
Sociology		
SOC464	Systems of War and Peace	
Total Credits		**16**

[1] A special registration process is required for law courses.

Media, Journalism, and Communication

Required Courses		
J396	International Communication	4
INTL431	Cross-Cultural Communication	4
orINTL434	Language Issues for International Studies	
Elective Courses		
Select two courses from the following:		8
Comparative Literature		
COLT450	Comparative Studies in Cinema: [Topic] (Comparative Film Imperialisms)	
International Studies		
INTL345	Africa Today: Issues and Concerns	
INTL431	Cross-Cultural Communication	
INTL434	Language Issues for International Studies	
INTL442	South Asia: Development and Social Change	
INTL444	Development and Social Change in Southeast Asia	
INTL445	Development and Social Change in Sub-Saharan Africa	
INTL446	Development and Social Change in Latin America	
INTL447	Comparative Tribalisms	
Journalism and Communication		
J350	Principles of Public Relations	
Marketing		
MKTG420	Marketing Communications	
Planning, Public Policy and Management		
PPPM327	Global Leadership and Change	
Sociology		
SOC317	Sociology of the Mass Media	
Total Credits		**16**

Migration, Displacement, and Refugees

Required Courses		
Select two courses from the following:		
INTL420	International Community Development	4
INTL422	Aid to Developing Countries	4
INTL463	Population Displacement and Global Health	4
Elective Courses		
Select two courses from the following:		8

Anthropology	
ANTH413	Culture and Psychology
Economics	
EC430	Urban and Regional Economics
Geography	
GEOG443	Global Migration
History	
HIST240	War in the Modern World I
International Studies	
INTL432	Indigenous Cultural Survival
INTL442	South Asia: Development and Social Change
INTL444	Development and Social Change in Southeast Asia
INTL445	Development and Social Change in Sub-Saharan Africa
INTL446	Development and Social Change in Latin America
Sociology	
SOC303	World Population and Social Structure
SOC442	Issues in Urban Sociology: [Topic] (Urbanization and the City)
SOC450	Sociology of Developing Areas
Total Credits	**20**

Peace Studies and Conflict Resolution

Required Courses	
INTL360	International Cooperation and Conflict
Select one of the following:	4
INTL370	International Human Rights
INTL431	Cross-Cultural Communication
INTL447	Comparative Tribalisms
Elective Courses	
Select two courses from the following:	8
Environmental Science	
ENVS435	Environmental Justice
Geography	
GEOG441	Political Geography
GEOG445	Culture, Ethnicity, and Nationalism
History	
HIST240	War in the Modern World I
International Studies	
INTL407	Seminar: [Topic] (Indigenous Human Rights)
INTL420	International Community Development
INTL421	Gender and International Development
INTL422	Aid to Developing Countries
INTL423	Development and the Muslim World
INTL431	Cross-Cultural Communication
INTL434	Language Issues for International Studies
INTL447	Comparative Tribalisms
Planning, Public Policy and Management	
PPPM327	Global Leadership and Change
Political Science	
PS297	Introduction to Environmental Politics
PS399	Special Studies: [Topic] (International Peacekeeping)
PS420	International Organization
Sociology	
SOC464	Systems of War and Peace
Total Credits	**12**

Second-Language Acquisition and Teaching

Students must complete the requirements of the certificate in second-language acquisition and teaching o fulfill this concentration. Students may choose their language specialization from the following target languages: Chinese, English, French, German, Japanese, Korean, Russian, or Spanish. For more information, including requirements and courses, please contact an international studies undergraduate advisor and visit slat.uoregon.edu.

Required and Elective Courses
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Additional Requirements

Courses must be passed with grades of C– or better to satisfy major requirements. In addition, three years' proficiency in a second language is required. To encourage the study of less commonly taught languages, students also may fulfill the language requirement with the "two-plus-two" option: two years' proficiency in a commonly taught language (i.e., French, German, Italian, or Spanish) and two years' proficiency in any other language.

Courses applied to the major, with the exception of the language requirement and up to 8 credits in Field Studies: [Topic] (INTL406) or Practicum: [Topic] (INTL409), must be taken for letter grades.

A maximum of 12 credits in courses taken to fulfill the university group requirements may be applied toward the international studies major.

A maximum of 20 credits in courses taken in a single department other than international studies may be applied toward the international studies major, exclusive of the language requirement.

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Language Requirement

To satisfy this requirement, students must achieve proficiency in a second language at a level associated with three years of study. Proficiency in the language may be demonstrated by passing three terms of a 300-level language sequence with grades of mid-C or better, or by an examination.

A student may also fulfill the language requirement with two years' proficiency in two different languages (exclusive of the student's native tongue) if at least one of the two is a less commonly taught language (i.e., not French, German, Italian, or Spanish). Students wishing to pursue this option must get approval from the undergraduate studies faculty director.

International Experience

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Internship Option

Students may earn pass/no pass (P/N) credit for work done as interns. Interested students should consult with international studies advisors.

International Studies Honors Thesis

Students who have a grade point average (GPA) of 3.50 or higher and want to graduate with department honors write a thirty- to fifty-page thesis. An advisor must be selected and a proposal approved by the department faculty two terms before graduation. Students may apply as many as 4 credits in Thesis (403) to the appropriate block of the 48 credits required for the international studies major.

The completed thesis must be awarded a grade of mid-B or better by the advisor (P, or pass, for a Clark Honors College thesis) and be approved as meeting thesis guidelines by the department head. This includes addressing an international or cross-cultural topic and using a minimum of two second-language sources for all projects, including the honors college thesis.

- **Master of Arts**

Graduate Studies

The interdisciplinary MA degree in international studies is offered for students who contemplate careers in international affairs, international development, diplomacy, international organizations, or domestic organizations with an international focus. A minimum of 73 credits must be completed for the degree.

The degree program can be tailored to meet the unique professional needs of each student. In close consultation with a faculty advisor, the student develops a program that combines expertise in a specific professional area with interdisciplinary training in international studies.

Concentrations

In consultation with their faculty advisor, students identify a professional concentration. Suggested areas include the following:

- comparative development
- cross-cultural training
- cultural arts
- environment
- food and food systems
- gender and development
- health
- international community development
- international education
- international tourism
- migration
- nonprofit management
- public policy and planning
- sustainable development

Concentrations in other professional areas can be arranged.

Graduates of the Department of International Studies serve as international technical advisors, career diplomats, community development professionals, international business and trade experts, analysts in developing countries, international educators, administrators of international programs, and cross-cultural communication consultants.

Admission

The applicant must be a graduate of an accredited four-year college or university with a grade point average (GPA) of 3.30 or better in all academic work. The application deadline is January 15 for the following fall term. A Graduate Record Examinations (GRE) score is required. Students whose native language is not English must verify a score of 575 (paper-based test) or 90 (Internet-based test) or better on the Test of English as a Foreign Language (TOEFL) unless they have earned a bachelor's degree from a college or university in an English-speaking country such as Australia, Canada (excluding Quebec), Ireland, New Zealand, or the United Kingdom. A score of 7.0 or better on the overall band of the International English Language Testing System test may be submitted instead of the TOEFL. Additional information about the graduate program may be obtained from the Department of International Studies website.The application process is online.

International Students

International students are encouraged to apply. Study programs are designed to meet students' professional needs and those of their home countries. As many as half the program's graduate students are international students.

Master of Arts Degree Requirements

Proseminar Series		
INTL607	Seminar: [Topic] (Proposal Writing)	2
INTL656	Research and Writing in International Studies	1
Interdisciplinary Core		
INTL607	Seminar: [Topic] (International Studies Graduate Core)	4
Interdisciplinary courses from two major competence areas: cross-cultural communication and understanding; international relations, development theories, and approaches [1]		12
Professional Concentration Area		
Concentration area courses from relevant departments or professional schools [2]		24
Geographic Focus		
Courses in geographic focus area [3]		12
Supervised Field Internship or Field Research		
Internship or research experience related to student's career plans		12
Master of Arts Project		
Thesis or policy paper/published article		6-9
Total Credits		**73-76**

1 Students may select from a range of courses to satisfy this requirement. A minimum of one course must be taken from each competence area, and three of the four courses must be INTL courses.

2 Concentration areas are tailored to individual student interests. Students interested in agricultural extension, forestry, and public health may take courses at Oregon State University. (For information about concurrent enrollment, see the **Bachelor's Degree Requirements** section of this catalog.)

3 Geographic focus areas are Africa, East Asia, Europe, Latin America, the Middle East, South Asia, or Southeast Asia. Students who earned their undergraduate degrees from institutions outside the United States may substitute an additional 12 credits in the professional concentration for the 12 credits of geographic focus. Students are encouraged to choose a geographic focus outside their home region.

Additional Requirements

Students must take a minimum of 28 graded credits: 12 in the interdisciplinary core and 16 in the professional concentration area. A maximum of 24 credits may be taken in any department other than international studies in order to allow an appropriate degree of specialization.

Language Study and Competence

Students must demonstrate a third-year level of proficiency in a second language relevant to their professional or geographic focus before completing the program. The University of Oregon offers formal courses in a number of world languages. International students whose high school or university instruction was not in English demonstrate proficiency in English as a second language through completion of the master's degree requirements. It is recommended that international students study a language from their region of concentration.

Supervised Field Internship or Field Research

The program assists students in locating internships or research opportunities and securing funding. International students may do their internship or research in the United States. Students must pay all or most of the costs. Many graduate students in the program have competed successfully for funding to support internship and research experiences.

The international studies faculty expects students to gain the following from the internship or research experience:

1. a reasonably in-depth experience in a culture other than the student's own
2. greater fluency in the language of the culture in which the internship or research takes place
3. knowledge and experience useful to the career goals of the intern

Master of Arts Project

Each student must prepare an MA project, usually in the form of a thesis or a policy paper. Students are required to present a thesis proposal defense, and at the conclusion of the project, present an oral defense before the student's final project committee. Other types of projects may be approved on a case-by-case basis by the student's master's advisor. Nine credits are awarded for a thesis and 6 credits for a policy paper.

Concurrent JD/MA Degree

A four-year program for students interested in international human rights, this program provides background in legal theory and instruments sensitive to social, cultural, economic, and political realities against which international human-rights law is implemented. Future lawyers concerned with asylum, immigration, or public-interest law benefit from the study of international relations and cross-cultural communication.

Courses

INTL101. Introduction to International Issues. 4 Credits.
Survey of major political, economic, and cultural themes in international studies through in-class debates on key contemporary issues.

INTL196. Field Studies: [Topic]. 1-2 Credits.
Repeatable.

INTL198. Colloquium: [Topic]. 1-2 Credits.
Repeatable.

INTL199. Special Studies: [Topic]. 1-5 Credits.
Repeatable.

INTL240. Perspectives on International Development. 4 Credits.
Introduction to major ideologies, theories, historical processes, and contemporary challenges in international development. Galvan.

INTL250. Value Systems in Cross-Cultural Perspective. 4 Credits.
Introduction to value systems of various cultures, focusing on how values relate to religion, forms of social organization, group affiliation, and patterns of conflict resolution.

INTL260. Culture, Capitalism, and Globalization. 4 Credits.
Cultural and historical perspectives on the development of capitalism as a way of life and its relationship to contemporary global issues and imbalances.

INTL280. Global Environmental Issues. 4 Credits.
Examines root causes of "environmental problems" at local, regional, national, and global scales. Critically compares approaches to addressing international environmental challenges.

INTL323. Islam and Global Forces. 4 Credits.
Addresses interactions between global forces and processes in historical and modern Muslim societies and the salience of Islam in contemporary global arenas. Sequence with INTL 423. Offered alternate years.

INTL340. Global Health and Development. 4 Credits.
Introduction to major issues in global health, their causes and possible solutions, with a focus on the poor in developing countries.

INTL345. Africa Today: Issues and Concerns. 4 Credits.
Introduces students to current challenges facing African peoples today. Extends survey of Africa courses, and prepares students for more advanced study regarding the African continent.

INTL360. International Cooperation and Conflict. 4 Credits.
Utilizes case studies and selected themes to examine the root causes, stakeholder perspectives, and attempts to resolve international conflicts.

INTL370. International Human Rights. 4 Credits.
Survey of human rights, examining diverse perspectives on the concept, practice, and implementation of human rights and human rights regimes.

INTL399. Special Studies: [Topic]. 1-5 Credits.
Repeatable.

INTL401. Research: [Topic]. 1-12 Credits.
Repeatable.

INTL403. Thesis. 1-12 Credits.
Repeatable.

INTL405. Reading and Conference: [Topic]. 1-12 Credits.
Repeatable.

INTL406. Field Studies: [Topic]. 1-12 Credits.
Repeatable.

INTL407. Seminar: [Topic]. 1-5 Credits.
Repeatable. Special topics in international studies.

INTL408. Workshop: [Topic]. 1-12 Credits.
Repeatable.

INTL409. Practicum: [Topic]. 1-12 Credits.
Repeatable. Closely supervised participation in the activities of public or private organizations, institutes, and community service agencies.

INTL410. Experimental Course: [Topic]. 1-5 Credits.
Repeatable. Recent topics include Africa: Development and Social Change. Repeatable when topic changes.

INTL420. International Community Development. 4 Credits.
Introduction to communitarian theory and local-level grass-roots development practices. Comparison across North-South divide of efforts to alleviate poverty, promote sustainability, and ensure mobilization and cohesion.
Prereq: INTL 240.

INTL421. Gender and International Development. 4 Credits.
Analysis of the changing roles, opportunities, and expectations of Third World women as their societies undergo social upheavals associated with the problematic effects of development.
Prereq: INTL 240.

INTL422. Aid to Developing Countries. 4 Credits.
Examines the history and current dynamics of international bilateral and multilateral development assistance, the possibilities and constraints of aid, and other related issues.
Prereq: INTL 240.

INTL423. Development and the Muslim World. 4 Credits.
Introduction to discourse on current development in various Muslim societies. Focuses on North Africa, the Middle East, South Asia, and Southeast Asia. Weiss.

INTL431. Cross-Cultural Communication. 4 Credits.
Focuses on skills and insights needed by professionals working in cross-cultural settings. Considers values, development, education, politics, and environment as central to cross-cultural understanding.

INTL432. Indigenous Cultural Survival. 4 Credits.
Explores case studies of global indigenous peoples who are facing cultural survival issues and developing strategies and institutions to deal with this complex process.

INTL433. Childhood in Cross-Cultural Perspective. 4 Credits.
Explores the experience of childhood around the world and examines how this experience is shaped by beliefs about who and what children are and by local conditions and contingencies.

INTL434. Language Issues for International Studies. 4 Credits.
Explores the influence of language on policy issues in societies around the world relative to nationalism, identity, multilingualism, education, human rights globalization, and language spread and loss.

INTL442. South Asia: Development and Social Change. 4 Credits.
Introduction to the vast social changes and development issues confronting the South Asian subcontinent.

INTL444. Development and Social Change in Southeast Asia. 4 Credits.
Introduction to the region and to the complex social issues facing the peoples of Southeast Asia.

INTL445. Development and Social Change in Sub-Saharan Africa. 4 Credits.
Introduces theoretical and practical aspects of development and social change in sub-Saharan Africa, with focus on key issues in African development during the post-colonial era.

INTL446. Development and Social Change in Latin America. 4 Credits.
Explores development challenges, debt cycles, urban growth, neoliberalism, populism, socialism, gender, the environment, U.S.–Latin American relations, ecotourism, and drug geographies in the region.

INTL447. Comparative Tribalisms. 4 Credits.
Situates contemporary polemics in Africa and the U.S. regarding ethnic, racial, and religious violence, culture wars, and nationalism in a comparative analytic framework.

INTL448. Bollywood's Lens on Indian Society. 4 Credits.
Explores Indian society through film, focusing on critical social issues; depicted vs. the historical reality; and ongoing transformations of social orientations and values.

INTL463. Population Displacement and Global Health. 4 Credits.
Explores health and mental health problems affecting displaced (migrant and refugee) communities and considers underdevelopment as a fundamental cause of displacement and health problems. Offered once per academic year.

INTL465. Global Reproductive Health. 4 Credits.
Overview of issues in global reproductive health, including politics, economics, historical and cultural factors. Implications for international health and development programs reviewed. Offered alternate years.

INTL503. Thesis. 1-12 Credits.
Repeatable.

INTL507. Seminar: [Topic]. 1-5 Credits.
Repeatable. Special topics in international studies.

INTL508. Workshop: [Topic]. 1-12 Credits.
Repeatable.

INTL510. Experimental Course: [Topic). 1-5 Credits.
Repeatable. Recent topics include Africa: Development and Social Change. Repeatable when topic changes.

INTL520. International Community Development. 4 Credits.
Introduction to communitarian theory and local-level grass-roots development practices. Comparison across North-South divide of efforts to alleviate poverty, promote sustainability, and ensure mobilization and cohesion.

INTL521. Gender and International Development. 4 Credits.
Analysis of the changing roles, opportunities, and expectations of Third World women as their societies undergo social upheavals associated with the problematic effects of development.

INTL522. Aid to Developing Countries. 4 Credits.
Examines the history and current dynamics of international bilateral and multilateral development assistance, the possibilities and constraints of aid, and other related issues.

INTL523. Development and the Muslim World. 4 Credits.
Introduction to discourse on current development in various Muslim societies. Focuses on North Africa, the Middle East, South Asia, and Southeast Asia.

INTL531. Cross-Cultural Communication. 4 Credits.
Focuses on skills and insights needed by professionals working in cross-cultural settings. Considers values, development, education, politics, and environment as central to cross-cultural understanding.

INTL532. Indigenous Cultural Survival. 4 Credits.
Explores case studies of global indigenous peoples who are facing cultural survival issues and developing strategies and institutions to deal with this complex process.

INTL533. Childhood in Cross-Cultural Perspective. 4 Credits.
Explores the experience of childhood around the world and examines how this experience is shaped by beliefs about who and what children are and by local conditions and contingencies.

INTL534. Language Issues for International Studies. 4 Credits.
Explores the influence of language on policy issues in societies around the world relative to nationalism, identity, multilingualism, education, human rights globalization, and language spread and loss.

INTL542. South Asia: Development and Social Change. 4 Credits.
Introduction to the vast social changes and development issues confronting the South Asian subcontinent.

INTL544. Development and Social Change in Southeast Asia. 4 Credits.
Introduction to the region and to the complex social issues facing the peoples of Southeast Asia.

INTL545. Development and Social Change in Sub-Saharan Africa. 4 Credits.
Introduces theoretical and practical aspects of development and social change in sub-Saharan Africa, with focus on key issues in African development during the post-colonial era.

INTL546. Development and Social Change in Latin America. 4 Credits.
Explores development challenges, debt cycles, urban growth, neoliberalism, populism, socialism, gender, the environment, U.S.–Latin American relations,ecotourism, and drug geographies in the region.

INTL547. Comparative Tribalisms. 4 Credits.
Situates contemporary polemics in Africa and the U.S. regarding ethnic, racial, and religious violence, culture wars, and nationalism in a comparative analytic framework.

INTL548. Bollywood's Lens on Indian Society. 4 Credits.
Explores Indian society through film, focusing on critical social issues; depicted vs. the historical reality; and ongoing transformations of social orientations and values.

INTL563. Population Displacement and Global Health. 4 Credits.
Explores health and mental health problems affecting displaced (migrant and refugee) communities and considers underdevelopment as a fundamental cause of displacement and health problems. Offered once per academic year.

INTL565. Global Reproductive Health. 4 Credits.
Overview of issues in global reproductive health, including politics, economics, historical and cultural factors. Implications for international health and development programs reviewed. Offered alternate years.

INTL601. Research: [Topic]. 1-12 Credits.
Repeatable.

INTL602. Supervised College Teaching. 1-5 Credits.
Repeatable.

INTL605. Reading and Conference: [Topic]. 1-12 Credits.
Repeatable.

INTL606. Field Studies: [Topic]. 1-12 Credits.
Repeatable.

INTL607. Seminar: [Topic]. 1-5 Credits.
Repeatable.

INTL608. Special Topics: [Topic]. 1-12 Credits.
Repeatable.

INTL609. Practicum: [Topic]. 1-12 Credits.
Repeatable. Closely supervised participation in the activities of public or private organizations, institutes, and community service agencies.

INTL610. Experimental Course: [Topic]. 1-5 Credits.
Repeatable.

INTL656. Research and Writing in International Studies. 1 Credit.
Focus on conceptualizing research topics; accessing bibliographic databases; writing grant applications, reports, and theses.

INTL657. Proseminar: Proposal Writing. 2 Credits.
An introduction to thesis proposal writing for first-year graduate students in international studies.

Judaic Studies

Deborah A. Green, Program Director
541-346-5288
311 Susan Campbell Hall
5273 University of Oregon
Eugene, Oregon 97403-5273

The interdisciplinary Harold Schnitzer Family Program in Judaic Studies provides a comprehensive undergraduate curriculum in the history, religion, and cultural traditions of the Jewish people and offers instruction in biblical Hebrew language and literature. The program offers a major leading to a bachelor of arts (BA) degree and a minor. It sponsors courses, lectures, and other events of interest to the general student population and the wider community.

Faculty

Judith R. Baskin, Philip H. Knight Professor (Judaic studies). BA, 1971, Antioch; PhD, 1976, Yale. (2000)

Deborah A. Green, Greenberg Associate Professor of Hebrew Language and Literature. BA, 1984, Brandeis; MA, 1997, PhD, 2003, Chicago. (2003)

Andrew Riley, visiting assistant professor (Hebrew bible). BA, 1999, MA 2003, Ohio State; MPhil, 2008, PhD, 2010, Hebrew Union College–Jewish Institute of Religion. (2013)

The date in parentheses at the end of each entry is the first year on the University of Oregon faculty.

Executive Committee

Monique Balbuena, honors college

Judith R. Baskin (ex officio), Judaic studies

Deborah A. Green (chair), Judaic studies

D. Gantt Gurley, German and Scandinavian

Gina Herrmann, Romance languages

Heidi N. Kaufman, English

David M. Luebke, history

Andrew Riley, Judaic studies

David Wacks, Romance languages

Participating

Michael G. Aronson, English

Monique Balbuena, honors college

Diane B. Baxter, anthropology

Shaul E. Cohen, geography

David A. Frank, honors college

Lisa Freinkel, English

Evlyn Gould, Romance languages

D. Gantt Gurley, German and Scandinavian

Gina Herrmann, Romance languages

Heidi N. Kaufman, English

Jeffrey S. Librett, German and Scandinavian

Judith Raiskin, women's and gender studies

Steven Shankman, English

Carol T. Silverman, anthropology

William Toll, history

David Wacks, Romance languages

Mary E. Wood, English

Naomi Zack, philosophy

- **Bachelor of Arts**
- **Minor**

Undergraduate Studies

The Judaic studies program consists of core courses taught under the HBRW, JDST, and REL subject codes and related courses taught in the disciplines of participating faculty members—anthropology, art history, English, geography, German and Scandinavian, history, landscape architecture, music, philosophy, political science, religious studies, Romance languages, sociology, and women's and gender studies.

The focus on central issues in the humanities and the history of Western culture provides a liberal-arts background suitable to careers in a range of professional fields and prepares students for graduate work in Judaic studies or related fields.

Bachelor of Arts Degree Requirements

Lower-Division Requirements		
HBRW111–113	Biblical Hebrew I-III	12
REL211	Early Judaism	4
JDST212	Medieval and Early Modern Judaism	4
JDST213	The Jewish Encounter with Modernity	4
REL222	Introduction to the Bible I	4
Upper-Division Requirements		
Select three of the following:		12
HBRW311	Biblical Narrative	
HBRW312	Biblical Poetry	
HBRW313	Postbiblical Literature	
HBRW399	Special Studies: [Topic]	
Course in American Jewish experience		4
Six approved elective courses [1]		24
Total Credits		**68**

[1] Courses must focus on significant issues in Judaic studies from the perspective of the instructor's academic discipline. See Electives table for a list of recently offered courses.

Electives

ENG340	Jewish Writers	4
ENG380	Film, Media, and History	4
GER368	Themes in German Literature	4
HIST358	American Jewish History	4
HIST428	Europe in the 20th Century: [Topic]	4
JDST220	Introduction to Judaism	4
JDST320M	History of Jewish Art	4
JDST324	Jewish-Christian Relations through the Ages	4
JDST330	American Jewish Cultures	4
JDST340	Israelis and Palestinians	4
PHIL320	Philosophy of Religion	4
REL318	Women in Judaism	4
SOC461	Sociology of Religion	4

A list of approved courses is available from the program director preceding each term; it also appears in the online class schedule and the program website.

Honors in Judaic Studies

A degree with honors in Judaic studies requires the following:

1. Satisfaction of the requirements of the major
2. A cumulative grade point average of 3.50 in courses taken to satisfy the major requirements
3. Satisfactory completion of an honors thesis

The candidate for honors must register for 4credits in Research: [Topic] (JDST401) winter term of the senior year in order to prepare for writing the thesis, and for 4 credits in Thesis (JDST403) spring term for its completion. A faculty committee of two supervises the project. A first draft of the thesis must be submitted six weeks before the end of the term in which the student expects to graduate and the final draft two weeks before the end of the term.

Minor in Judaic Studies

Lower-Division Requirements		
REL211	Early Judaism	4

JDST212	Medieval and Early Modern Judaism	4
JDST213	The Jewish Encounter with Modernity	4
Upper-Division Requirements		
Four courses including one about the American Jewish experience [1]		16
Total Credits		**28**

1 As many as 4 credits in Internship: [Topic] (JDST404) or Practicum: [Topic] (JDST409) or Practicum: [Topic] (HBRW409) may be used to satisfy minor requirements.
Students are encouraged to establish a broad context for the Judaic studies minor by taking courses in some area of Western history and culture—e.g., Western Civilization (HIST101–103) or courses in religious studies, art history, philosophy, or a combination thereof.

Courses

HBRW111. Biblical Hebrew I. 4 Credits.
Prepares students to read biblical and postbiblical Hebrew texts. Emphasis on classical Hebrew grammar, vocabulary, and syntax.

HBRW112. Biblical Hebrew II. 4 Credits.
Prepares students to read biblical and postbiblical Hebrew texts. Emphasis on classical Hebrew grammar, vocabulary, and syntax. Prereq: HBRW 111.

HBRW113. Biblical Hebrew III. 4 Credits.
Prepares students to read biblical and postbiblical Hebrew texts. Emphasis on classical Hebrew grammar, vocabulary, and syntax. Prereq: HBRW 112.

HBRW199. Special Studies: [Topic]. 1-12 Credits.
Repeatable.

HBRW311. Biblical Narrative. 4 Credits.
Readings in extended narrative prose passages from the Hebrew Bible; emphasis on reading, translation, vocabulary formation, and Hebrew syntax. Taught in Hebrew. Repeatable twice when topic changes. Prereq: HBRW 113 or equivalent.

HBRW312. Biblical Poetry. 4 Credits.
Readings in poetic passages from the Hebrew Bible; focus on reading, translation, vocabulary formation, Hebrew syntax, and biblical poetics. Taught in Hebrew. Repeatable twice when topic changes. Prereq: HBRW 113 or equivalent.

HBRW313. Postbiblical Literature. 4 Credits.
Readings in postbiblical Hebrew texts of various genres from late antiquity and the Middle Ages, including legal writings, narratives, and poetry. Taught in Hebrew. Repeatable twice when topic changes. Prereq: HBRW 113 or equivalent.

HBRW399. Special Studies: [Topic]. 1-12 Credits.
Repeatable.

HBRW401. Research: [Topic]. 1-12 Credits.
Repeatable.

HBRW402. Supervised College Teaching. 1-12 Credits.
Repeatable.

HBRW403. Thesis. 1-12 Credits.
Repeatable.

HBRW404. Internship: [Topic]. 1-12 Credits.
Repeatable.

HBRW405. Reading and Conference: [Topic]. 1-12 Credits.
Repeatable.

HBRW406. Special Problems: [Topic]. 1-12 Credits.
Repeatable.

HBRW407. Seminar: [Topic]. 1-16 Credits.
Repeatable.

HBRW408. Colloquium: [Topic]. 1-16 Credits.
Repeatable.

HBRW409. Practicum: [Topic]. 1-12 Credits.
Repeatable.

HBRW410. Experimental Course: [Topic]. 1-16 Credits.
Repeatable.

HBRW605. Reading and Conference: [Topic]. 1-5 Credits.
Repeatable.

Courses

JDST199. Special Studies: [Topic]. 1-12 Credits.
Repeatable.

JDST212. Medieval and Early Modern Judaism. 4 Credits.
Interdisciplinary introduction to Jewish life, literature, religion, culture, and thought in the Middle Ages and early modern times in both Muslim and Christian environments.

JDST213. The Jewish Encounter with Modernity. 4 Credits.
Survey of Jewish encounters with modernity outside the Americas from 1700 to 1948; concentrates on transformations in political status, national identity, Jewish culture, and religious self-definition.

JDST220. Introduction to Judaism. 4 Credits.
Covers the core elements of Judaism including key rituals, practices, beliefs, and historical events.

JDST320M. History of Jewish Art. 4 Credits.
Survey of Jewish art from antiquity to the present; concentrates on synagogues, ceremonial art, manuscripts, and modern artists and cities. Multilisted with ARH 320M.

JDST324. Jewish-Christian Relations through the Ages. 4 Credits.
Study of Jewish-Christian relations from antiquity to the present; concentrates on theological stances, social and political issues, and popular attitudes.

JDST330. American Jewish Cultures. 4 Credits.
American Jewish culture, ritual, identity, institutions from 1880s to the present. Examines pluralism within American Jewish community and relationships with other religious and ethnic groups.

JDST340. Israelis and Palestinians. 4 Credits.
Examines political struggle between Israelis and Palestinians over past century and related human, societal, and cultural issues. Explores contemporary attempts at resolution.

JDST399. Special Studies: [Topic]. 1-12 Credits.
Repeatable.

JDST401. Research: [Topic]. 1-12 Credits.
Repeatable.

JDST402. Supervised College Teaching. 1-12 Credits.
Repeatable.

JDST403. Thesis. 1-12 Credits.
Repeatable.

JDST404. Internship: [Topic]. 1-12 Credits.
Repeatable.

JDST405. Reading and Conference: [Topic]. 1-12 Credits.
Repeatable.

JDST406. Special Problems: [Topic]. 1-12 Credits.
Repeatable.

JDST407. Seminar: [Topic]. 1-16 Credits.
Repeatable.

JDST408. Colloquium: [Topic]. 1-16 Credits.
Repeatable.

JDST409. Practicum: [Topic]. 1-12 Credits.
Repeatable.

JDST410. Experimental Course: [Topic]. 1-16 Credits.
Repeatable.

JDST510. Experimental Course: [Topic]. 1-16 Credits.
Repeatable.

JDST605. Reading and Conference: [Topic]. 1-5 Credits.
Repeatable.

Latin American Studies

Monique Balbuena, Program Director
541-346-2311
101G Chapman Hall

The University of Oregon offers a bachelor of arts degree in Latin American studies. A minor in Latin American studies is also available. An emphasis on Latin America is available for master of arts (MA) degrees with majors in anthropology, history, international studies, and Spanish. See the **Anthropology** (p. 64)**, History** (p. 232)**, International Studies** (p. 253)**,** and **Romance Languages** sections of this catalog.

Study Abroad

Students in University of Oregon overseas study programs enroll in courses with subject codes that are unique to individual programs. Special course numbers are reserved for overseas study. See the Study Abroad (p. 728) section in the **Supplementary Academic Programming** section of this catalog.

Participating Faculty

Michael B. Aguilera, sociology

Carlos Aguirre, history

Monique Balbuena, honors college

Erin Beck, political science

Mark Carey, honors college

Cecilia Enjuto Rangel, Romance langauges

Juan A. Epple, Romance languages

Linda O. Fuller, women's and gender studies

Leonardo García-Pabón, Romance languages

Spike Gildea, linguistics

Amalia Gladhart, Romance languages

Michael Hames-García, ethnic studies

James Harper, history of art and architecture

Robert S. Haskett, history

Derrick Hindery, international studies

Craig Kauffman, political science

Linda Kintz, English

Kathryn A. Lynch, environmental studies

Gabriela Martinez, journalism and communication

Michelle McKinley, law

Katharine Meehan, geography

Lise Nelson, geography

Priscilla P. Ovalle, English

Amanda W. Powell, Romance languages

Gerardo Sandoval, planning, public policy and management

Irmary Reyes-Santos, ethnic studies

Philip W. Scher, anthropology

Lynn Stephen, anthropology

Analisa Taylor, Romance languages

Alejandro Vallega, philosophy

David J. Vazquez, English

Peter B. Wetherwax, biology

Kristin Yarris, international studies

Reuben Zahler, history

Rocio Zambrana, philosophy

- **Bachelor of Arts**
- **Minor**

Undergraduate Studies

Preparation

High school students who have taken courses in economics, history, political science, or other approaches to international affairs, or who have participated in extracurricular activities (such as the Oregon High School International Relations League) may be interested in Latin American studies.

Community college students who have taken courses in international relations may be interested in specializing in Latin American studies.

Careers

Career opportunities for students completing Latin American studies are available through such avenues as the Peace Corps, the U.S.

Foreign Service (including the Information Agency), the foreign-aid programs of the United States government, the United Nations and other international organizations, private foundations, international businesses, and international nongovernmental organizations (including church, human-rights, and environmental organizations).

Bachelor of Arts Degree Requirements

LAS200	Introduction to Latin American Studies	4
LAS211	Latin American Humanities: [Topic]	4
orLAS212	Latin American Social Sciences: [Topic]	
Two courses chosen from the following:		8
SPAN342	Hispanic Cultures through Literature II	
SPAN343	Hispanic Cultures through Literature III	
SPAN344	Hispanic Cultures through Literature IV	
HIST380–382	Latin America (choose two courses for a total of 8 credits)	8
LAS407	Seminar: [Topic] [1]	4
Elective courses related to Latin America		20
Total Credits		**48**

1 In exceptional cases, Seminar: [Topic] (LAS407) may be substituted with an equivalent seminar focusing on Latin America that isoffered by another department or program.

Additional Requirements

- Courses must be passed with grades of C– or better or P
- No more than 16 credits may be taken in a single department
- No more than 12 credits may be in lower-division courses
- At least 28 credits must be taken on the Eugene campus
- A maximum of 8 credits may be used in independent studies or internships
- At least 8 credits must be taken in courses covering the pre-1800 period
- As many as 16 credits may be from courses related to Latino studies or studies of Hispanics in the United States
- No more than 8 credits may be taken pass/no pass (P/N)
- At least 8 credits must be taken in social sciences departments other than history (e.g., anthropology, economics, ethnic studies, geography, international studies, political science, or sociology)
- Students are strongly encouraged to study in (or enroll in an internship in) a Latin American country at least for one term

Language Requirements

In addition to the minimum of 48 credits in required and elective courses, all majors are required to demonstrate a third-year level of proficiency in Spanish or Portuguese. This will entail completing (with a grade of C– or better or P) the basic two years of college-level language courses and taking at least four 300-level courses taught in the respective foreign language (such as Cultura y Lengua: Identidades Hispanas (SPAN301), Cultura y lengua: expresiones artisticas (SPAN303), Cultura y lengua: cambios sociales (SPAN305), Hispanic Cultures through Literature III (SPAN343), or Hispanic Cultures through Literature IV (SPAN344)).

Minor Requirements

LAS200	Introduction to Latin American Studies	4
Select one of the following:		4
LAS211	Latin American Humanities: [Topic]	
LAS212	Latin American Social Sciences: [Topic]	
LAS407	Seminar: [Topic]	
Elective courses		20
Total Credits		**28**

Language Requirements

Students must satisfactorily complete, with grades of C– or better or P, two years of college-level Spanish- or Portuguese-language courses.

Language credits may be earned at the University of Oregon through an approved overseas program or transferred from another accredited college or university. As an alternative, students may satisfy the language requirement by examination, demonstrating a level of competence equivalent to two years of college-level Spanish or Portuguese. Students whose native language is either Spanish or Portuguese may substitute equivalent competence in English in lieu of this requirement.

Additional Requirements

- Courses must be passed with grades of C– or better or P for 28 credits of course work in Latin American studies
- Of the 28 credits required for the minor, a minimum of 20 credits must beearned inUniversity ofOregon courses; the other 8credits may beearned through successful completion ofpreapproved courses inanoverseas program atanaccredited Latin American college oruniversity
- Transfer credits from universities outside Latin America are considered individually, following existing procedures inappropriate departments for determining their equivalence toUO courses
- A minimum of 20 credits must be in upper-division (300- or 400-level) courses
- A minimum of 20 credits must be taken for letter grades
- A minimum of 4 credits must be earned through completion of a course or courses whose focus is on pre-20th-century Latin America
- A maximum of 4 credits can be in comparative, global, ethnic, and similar courses that are relevant to Latin American studies but lack a minimum of 50 percent content directly related to Latin America
- No more than 12 credits from any one department may count toward the minor
- Courses from no more than four departments, disciplines, or programs may count toward the minor
- Spanish courses must beupper-division literature and culture courses tocount toward satisfaction ofthe28-creditrequirement

Advising

Students who want a major or a minor in Latin American studies should contact the program director, who serves as an advisor to determine which courses offered during any given academic year may be applied to requirements for the degree or minor.

Sampling of Courses from Other Departments That Satisfy Major and MinorRequirements

Anthropology		
ANTH434	Native South Americans	4
History		
HIST380–382	Latin America	12

HIST482	Latin America's Indian Peoples	4
HIST483	Latin America: [Topic]	4
Political Science		
PS463		4
Spanish		
SPAN318–319	Survey of Spanish American Literature	8
SPAN348	United States Latino Literature and Culture	4
SPAN450	Colonial Latin American Literature: [Topic]	4
SPAN490	20th-Century Latin American Literature: [Topic]	4
Any Department, Program with Latin America Focus		
Seminar (407)		

Periodically, other departments and programs such as ethnic studies, geography, history of art and architecture,international studies, sociology, and women's and gender studies offer courses that may satisfy degree and minor requirements.

Graduate Studies

Specialization in Latin American studies at the graduate level is possible in a number of departments in the College of Arts and Sciences. Anthropology, economics, history, international studies, political science, sociology, and Spanish (in the Romance languages department) have faculty members who are competent and interested in the area. It is possible to arrange graduate degree programs in these departments with a concentration in Latin American studies.

Courses

LAS199. Special Studies: [Topic]. 1-5 Credits.
Repeatable twice when topic changes for a maximum of 15 credits.

LAS200. Introduction to Latin American Studies. 4 Credits.
Introduction to the history, peoples, and cultures of Latin America and of the Latino population in the United States.

LAS211. Latin American Humanities: [Topic]. 4 Credits.
Focuses on the comparative study of Latin American cultural and intellectual traditions. Introduces scholarship in the humanities about Latin American and U.S. Latinos. Repeatable once for a maximum of 8 credits when topic changes.

LAS212. Latin American Social Sciences: [Topic]. 4 Credits.
Addresses various issues related to the historical, political, cultural, and economic development of Latin America from a social science perspective. Repeatable once for a maximum of 8 credits when topic changes.

LAS399. Special Studies: [Topic]. 1-5 Credits.
Repeatable twice when topic changes for a maximum of 15 credits.

LAS401. Research: [Topic]. 1-4 Credits.
Repeatable.

LAS403. Thesis. 1-4 Credits.
Repeatable.

LAS405. Reading and Conference: [Topic]. 1-4 Credits.
Repeatable.

LAS407. Seminar: [Topic]. 4 Credits.
Repeatable.

LAS410. Experimental Course: [Topic]. 1-5 Credits.
Repeatable twice when topic changes for a maximum of 15 credits.

LAS510. Experimental Course: [Topic]. 1-5 Credits.
Repeatable twice when topic changes for a maximum of 15 credits.

Linguistics

Scott DeLancey, Department Head
541-346-3906
161 Straub Hall
1290 University of Oregon
Eugene, Oregon 97403-1290

The Department of Linguistics offers instruction leading to a bachelor of arts (BA), a master of arts (MA), and a doctor of philosophy (PhD) degree in linguistics.The interests of its faculty are in the documentation, preservation, and revitalization of endangered languages; historical linguistics; laboratory phonology;language acquisition and learning;language variation and change; morphosyntax; semantics; Slavic linguistics; sociolinguistics; and typology.

Cognitive and Decision Sciences

Several linguistics faculty members are associated with the Institute of Cognitive and Decision Sciences. For more information, see the **Research Centers and Institutes** section of this catalog.

Faculty

Melissa Michaud Baese-Berk, assistant professor (second-language acquisition, phonetics, laboratory phonology, psycholinguistics). BA, 2004, Boston; PhD, 2010, Northwestern. (2013)

B. Mokaya Bosire, instructor (Swahili). BA, 1991, MA, 1993, Nairobi; PhD, 2008, State University of New York, Albany. (2012)

Scott DeLancey, professor (phonology, semantics, syntax; Sino-Tibetan and North American languages). BA, 1972, Cornell; PhD, 1980, Indiana. (1982)

Spike Gildea, professor (language description, diachronic syntax, typology, phonology, comparative linguistics, field methods and ethics, ethnobiology; Cariban and other South American languages). BA, 1983, MA, 1989, PhD, 1992, Oregon. (2000)

Vsevolod M. Kapatsinski, associate professor (psycholinguistics, corpus linguistics, experimental morphology and phonology, language learning in the lab). BA, 2003, MA, 2005, New Mexico; PhD, 2009, Indiana. (2009)

Tyler S. Kendall, associate professor (sociolinguistics, corpus linguistics, phonetics, language and law). BA, 1998, Cornell; PhD, 2009, Duke. (2010)

Anna Mikhaylova, assistant professor (second-language acquisition, heritage language acquisition and maintenance, bilingualism, sociolinguistics). BA, 1999, Ryazan State; MA, 2003, East Carolina; PhD, 2012, South Carolina. (2012)

Doris L. Payne, professor (morphology, syntax, semantics, discourse; Amerindian and African languages). BS, 1974, Wheaton; MA, 1976, Texas, Arlington; PhD, 1985, California, Los Angeles. (1987)

Eric W. Pederson, associate professor (cognitive and psycholinguistics, language and culture; South Indian languages). BA, 1982, MA, 1985, PhD, 1991, California, Berkeley. (1997)

Melissa Redford, associate professor (phonetics, laboratory phonology, psycholinguistics, cognitive science). BA, 1992, California, Berkeley; MA, 1995, PhD, 1999, Texas, Austin. (2002)

Cynthia M. Vakareliyska, professor (Slavic linguistics). BA, 1973, Princeton; JD, 1976, Columbia; PhD, 1990, Harvard. (1994)

Charlotte R. Vaughn, instructor (psycholinguistics, speech perception, mechanisms for and mental representations of linguistic and talker variability, sociophonetics). BA, 2005, Duke; MA, 2011, PhD, 2014, Northwestern. (2014)

Keli D. Yerian, senior lecturer (language teacher education; curriculum development; gesture in discourse); director, Language Teaching Specialization MA Program. BA, 1991, North Carolina, Chapel Hill; MS, 1994, PhD, 2000, Georgetown. (2007)

Emeriti

T. Givón, professor emeritus. BSc, 1959, Jerusalem; MS, 1962, MA, 1966, PhD, 1969, California, Los Angeles. (1981)

Russell S. Tomlin, professor emeritus. BA, 1973, Knox; MA, 1975, PhD, 1979, Michigan. (1979)

Participating

Gregory D. Anderson, linguistics

Dare A. Baldwin, psychology

Marjorie S. Barker, linguistics

Robert L. Davis, Romance languages

Carl Falsgraf, Center for Applied Second-Language Studies

Kaori Idemaru, East Asian languages and literatures

Zhuo Jing-Schmidt, East Asian languages and literatures

Mark Johnson, philosophy

Sarah Klinghammer, linguistics

Jeffrey Magoto, Yamada Language Center

Helen Neville, psychology

Thomas E. Payne, linguistics

Philip D. Young, anthropology

The date in parentheses at the end of each entry is the first year on the University of Oregon faculty.

- **Bachelor of Arts**
- **Minor**

Undergraduate Studies

The program offers instruction in the nature of human language, the structural variety of individual languages, and the methodology of conducting a linguistic investigation. The primary aim of linguistics as a science is to study the use and organization of human language in coding and communicating knowledge. Although linguists may study specific facts of many languages, they do so to gain insight into the properties and processes common to all languages. Such common features may in turn reflect universals of human cognitive, cultural, and social organization.

Language occupies a central position in the human universe, so much so that it is often cited as a major criterion for defining humanity. Its use in the coding and processing of knowledge makes it relevant to psychology. As a tool of reasoning, it verges on logic and philosophy. As a computational system, it relates to computer science and language-data processing. As a repository of one's cultural worldview, it is a part of anthropology. As an instrument of social intercourse and a mark of social identity, it interacts with sociology. As a biological subsystem lodged in the brain, it is highly relevant to neurology. As the primary vehicle of learning and maturation, it is important for education. As an expressive medium, it is the crux of literature and rhetoric.

Careers

To gain understanding into the complexities of human language is thus to gain entrance into numerous fields of academic investigation and practical use. Indeed, computer programmers, conflict mediators, cryptologists, elementary school teachers, language teachers, lawyers, psychiatrists, speech therapists, and translators all depend heavily on understanding the nature and use of language.

The BA degree in linguistics provides a solid foundation for graduate studies in anthropology, communication, communication disorders and sciences, computer-science education, journalism, law, linguistics, literature and languages, philosophy, psychology, or sociology. It offers a strong entry into the applied fields listed above.

Advising

Undergraduate majors should consult one of the departmental undergraduate advisors each term about their study program.

Bachelor of Arts Degree Requirements

LING301	Introduction to Linguistics Analysis	4
LING491	Sociolinguistics	4
LING411	Phonetics	4
LING435	Morphology and Syntax	4
LING450	Introduction to Phonology	4
LING451–452	Functional Syntax I-II	8
LING460	Historical and Comparative Linguistics (or equivalent)	4
Other linguistic courses [1]		12
Total Credits		**44**

1 Excluding 100-level courses and Linguistic Principles and Second-Language Learning (LING440) or courses in other departments listed as relevant to linguistics. At least 6 of the credits must be upper-division credits, including at least one undergraduate Seminar: [Topic] (LING407) or a comparable course approved by a departmental advisor.

Additional Requirements

Two years of one second language and one year of another.

Courses applied to the major in linguistics must be taken for letter grades. A course in which a grade of D+ or lower is earned cannot count toward the major.

The study program of undergraduate linguistics majors must be approved by a departmental undergraduate advisor.

Honors in Linguistics

By fulfilling the following requirements, any linguistics major may graduate with honors.

Grade Point Average

On entry to the honors program at the end of the junior year, a grade point average (GPA) of 3.75 or better in linguistics courses and at least 3.50 overall is required. At the end of the senior year, a GPA of 3.75 or better in linguistics courses is required.

Senior Thesis

Write an original honors thesis under the guidance of a thesis advisor from the linguistics faculty, chosen in consultation with the undergraduate advisor. The thesis must be a substantial piece of work; it may be a revised and expanded term paper. The thesis advisor determines whether the thesis is acceptable; the student is required to register for at least 6 credits in Thesis (LING403), taken pass/no pass, over the course of at least two terms.

Upon fulfilling these requirements, the candidate is approved to receive a BA degree with honors in linguistics.

Minor in Linguistics

The minor grounds the student in the basics of linguistic analysis and offers the opportunity to pursue areas of special interest. The minor requires at least 28 credits in linguistics course work. Under special circumstances substitutions to courses listed below are possible. Students need permission from an undergraduate advisor to pursue an alternative program of study.

Minor Degree Requirements

LING301	Introduction to Linguistics Analysis	4
LING435	Morphology and Syntax	4
Select two of the following:		8
LING211	Languages of the World	
LING296	Language and Society in the United States	
LING396	Language and Cognition	
Other elective courses as approved by advisor		
LING411	Phonetics	4
LING450	Introduction to Phonology	4
LING451	Functional Syntax I	4
Total Credits		**28**

- **Master of Arts**
- **Master of Arts: Specialization in Language Teaching** (p. 278)
- **Doctoral Degree**

Graduate Studies

Solid preparation in linguistics is indispensable to any specialization at the graduate level. Although the courses deal with a variety of linguistic topics, three facets of linguistics are strongly emphasized in the graduate program:

1. A pragmaticapproach to the study of language structure and use, variation and change, and acquisition and learning
2. An empirical, live-data, fieldwork, experimental, and cross-linguistic approach to the methodology of linguistic research
3. Interdisciplinary emphasis on the place of human language in its wider natural context

Advising and Review Practices

Graduate students meet regularly with the departmental director of graduate studies. In addition, students are assigned a faculty member to advise them in the areas of their academic interest. The faculty reviews the performance of each graduate student at the end of each academic term. In case a student falls below what the faculty considers minimal standards of performance, a representative of the faculty notifies the student and suggests appropriate remedial steps.

Master of Arts

For those who intend to complete the PhD, the MA is not necessary and may delay completion of the advanced degree. While not necessary, the option of completing a terminal theoretical MA may be appropriate for some whose goals are, for example, professional work in a language community. Prospective students who are unsure which program would be appropriate are encouraged to consult with the department's director of graduate studies.

Prerequisites

Students may be required to pass with grades of B– or better certain prerequisite courses, typically an introductory course in linguistics.

Master of Arts Degree Requirements

Core Courses		
LING550	Introduction to Phonology	4
LING551–552	Functional Syntax I-II	8
LING507	Seminar: [Topic]	4
orLING607	Seminar: [Topic]	
LING614	Linguistic Theory: Phonology	4
LING615	Linguistic Theory: Syntax	4
LING616	Linguistic Theory: Semantics	4
Elective Courses		
Graduate-level linguistics or other relevant courses [1]		20
Total Credits		**48**

[1] Select electives in consultation with department's director of graduate studies and the student's faculty advisor.

No course with a grade lower than B– may be used to satisfy degree requirements.

Second-Language Requirement

Candidates for the MA must demonstrate proficiency equivalent to two years of college-level study of a second languageduring the seven yearsbefore graduation.

MA Thesis or Substitute

Students in good standing may form an MA committee consisting of two linguistics faculty members who indicate their agreement to serve by signing a standard form and who share equal responsibility for directing the thesis. For the MA to be granted, both members of the committee

must approve the thesis and the main content of the thesis must be presented as a departmental colloquium.

Students who elect not to write a thesis or who are unsuccessful in forming the two-member thesis committee may complete the degree by taking an additional 8 credits of course work approved by the director of graduate studies.

Specialization in Language Teaching

lts.uoregon.edu

The specialization in language teaching requires a background in basic linguistics and courses specifically designed for second-language teaching preparation.

Prerequisites

Students should have a BS or BA degree in linguistics or a related field.

Master of Arts: Specialization in Language Teaching Degree Requirements

Required Courses		
Seminar (chosen in consultation with advisor)		4
LT528	Teaching English Culture and Literature	4
LT535	Second-Language Teaching Methods	4
LT536	Second-Language Teaching Planning	4
LT437	Second-Language Teaching Practice	4
LING540	Linguistic Principles and Second-Language Learning	4
LT541	Teaching English Pronunciation	4
LT548	Curriculum and Materials Development	5
LT549	Testing and Assessment	5
LING594	English Grammar	4
LT608	Workshop: [Topic] (Computer-Assistant Language Learning, two terms)	2
LT608	Workshop: [Topic] (Language Teaching Specialization Orientation)	1
LT611	Terminal Project (two terms)	7
Elective Courses		
EDLD510	Experimental Course: [Topic] (Comparative Education)	1-4
Elective courses [1]		5
Total Credits		**58-61**

1 Students who have already taken any of the required courses or their equivalents should replace them with elective course work in consultation with their advisor.

Only graded courses may be used to satisfy degree requirements. Exceptions must be approved by the department. No course with a grade lower than B– may be used to satisfy degree requirements.

Terminal Project

Students working toward an MA degree with the language-teaching specialization must complete a terminal project over two consecutive terms. The project topic must be approved by the faculty advisor, and be presented in a Terminal Project (LT611) class session during the final term.

Doctor of Philosophy

The doctor of philosophy (PhD) program in linguistics is individually tailored to meet the needs and professional goals of the student, drawing strong interdisciplinary support from related fields at the university. These fields may include—but are not limited to—anthropological linguistics, cognitive science, communication disorders and sciences, discourse and text analysis, English linguistics, first- and second-language acquisition, language-data processing, neurolinguistics, and sociolinguistics.

Residency Requirement

The Graduate School requires at least three years of full-time work beyond the bachelor's degree for the doctorate, with at least one year spent in continuous residence on the Eugene campus. The Department of Linguistics interprets the latter requirement to mean that at least six courses, including seminars, must be taken in the program while the student is in continuous residence for three academic terms.

Doctoral Advisor

The department head appoints a doctoral advisor for each student upon admission to the PhD program.

Second-Year Review

By the end of a doctoral student's second year, he or she shall be given a review by members of the linguistics faculty. Materials submitted for this review must include the following:

- A research plan for the next year of course work, qualifying papers, and any other details worked out in consultation with the student's advisor
- Written evidence of scholarly potential. For example, a student may provide a substantive term paper or revision of a term paper that demonstrates excellence of original research. A student's linguistics master's thesis can fulfill this requirement

Following review of these materials, the reviewing faculty members decide either to *accept* or *deny* the student for continued study in the PhD program. In some cases, a probation year may be granted for a student's third year of study; the review process is repeated at the end of the third year with an *accept* outcome the only possibility for continued study.

Doctoral Examination and Advancement to Candidacy

The examination is designed to prove the student's competence as a professional linguist, and consists of two original publishable papers of substantial length and quality in different subfields of linguistics.

An unmodified MA thesis cannot serve as one of the qualifying papers. A separate committee of three faculty members will be appointed by the department head or representative to referee each paper, including the student's advisor, who sits on both committees. Upon documented completion of both papers, the language requirement, and all required course work, the student is advanced to candidacy.

Doctoral Dissertation

A doctoral committee must include at least three linguistics faculty members and one outside member, and must be either chaired or cochaired by the student's doctoral advisor in linguistics. A dissertation prospectus must be submitted to and approved by the doctoral committee before the writing of the dissertation commences. The PhD will be granted upon completion of the preceding requirements, the writing of

an original dissertation acceptable to the doctoral committee, and an oral examination on the dissertation.

Doctoral Required Courses

LING614–616	Linguistic Theory	12
Select two of the following:		5
LING507	Seminar: [Topic]	
LING607	Seminar: [Topic]	
Equivalent seminar courses		
Select one of the following:		15
LING617–619	Field Methods I-III	
Sequence of courses in quantitative methods		
Sequence of courses in philological methods		
Combination of courses from two of these areas		
Total Credits		**32**

The course work must be approved by the student's doctoral advisor. Even those students who have already earned an MA degree are typically expected to complete all of the MA degree course work requirements at Oregon as part of the normal progress toward the PhD.

For each student, the specific course requirements in courses the student selects are to be determined by the student's advisor and the department's director of graduate studies, as are all other courses required for the PhD. No course with a grade lower than B– may be used to satisfydegree requirements. Candidates for the PhD must demonstrate proficiency equivalent to two years of college-level study of a second language and either proficiency equivalent to one year in a third research-related language or proficiency in programming or statistics in order to be advanced to candidacy.

Certificate in Second-Language Acquisition andTeaching

In collaboration with several UO departments, the Department of Linguistics offers an undergraduate certificate that focuses on the theory of second-language acquisition and teaching and its application in pedagogical settings. The certificate complements any other major. Specific course requirements may be found at slat.uoregon.edu.

Certificate Requirements

Three courses in second-language acquisition theory and language-teaching methodology	12
Three courses in linguistic description of target language	12
One practicum, internship, supervised tutoring	2-4
Total Credits	**26-28**

Additional Requirements

College-level second-language study (two years of any second language if the certificate target language is English; three years for any other target language).

Courses

LT199. Special Studies: [Topic]. 1-5 Credits.
Various languages offered through the Yamada Language Center. Repeatable when topic changes.

LT399. Special Studies: [Topic]. 1-5 Credits.
Repeatable.

LT405. Reading and Conference: [Topic]. 1-12 Credits.
Repeatable four times for a maximum of 16 credits.

LT407. Seminar: [Topic]. 1-5 Credits.
Repeatable twice for a maximum of 8 credits.

LT409. Supervised Tutoring. 1-4 Credits.
Repeatable twice for a maximum of 8 credits.

LT410. Experimental Course: [Topic]. 1-8 Credits.
Repeatable twice for a maximum of 8 credits.

LT428. Teaching English Culture and Literature. 4 Credits.
The interaction between language and culture as it relates to second-language teaching. Application to the teaching of literature.

LT435. Second-Language Teaching Methods. 4 Credits.
Approaches and methods in teaching second languages. Theoretical and pedagogical principles of language teaching, including a focus on language skills. Sequence with LT 436/536, 437/537.
Prereq: LING 440

LT436. Second-Language Teaching Planning. 4 Credits.
Application of teaching principles and practices in teaching instruction. Practical techniques for developing skills in listening, speaking, reading, and writing second languages. Sequence with LT 435/535, 437/537.
Prereq: LING 440 or 444; LT 435 with a C– or better.

LT437. Second-Language Teaching Practice. 4 Credits.
Intensive workshop and practice in language instruction. Team-teaching of weekly English as a spoken language course including designing activities and creating materials. Sequence with LT 435/535, 436/536.
Prereq: LT 435. Pre- or coreq: LT 436.

LT441. Teaching English Pronunciation. 4 Credits.
Introduction to English phonetics and phonology, methods for teaching pronunciation, lesson plan development, and practice teaching.

LT448. Curriculum and Materials Development. 5 Credits.
Introduction to elements of curriculum design and related materials development. Development and implementation of language curriculum. Practical application.
Prereq: LT 436/536.

LT449. Testing and Assessment. 5 Credits.
Principles and types of language testing; focuses on classroom testing, test design and integration into curriculum, and test planning for teaching situations.
Prereq: LT 436/536.

LT507. Seminar: [Topic]. 1-5 Credits.
Repeatable twice for a maximum of 8 credits.

LT510. Experimental Course: [Topic]. 1-8 Credits.
Repeatable twice for a maximum of 8 credits.

LT528. Teaching English Culture and Literature. 4 Credits.
The interaction between language and culture as it relates to second-language teaching. Application to the teaching of literature.

LT535. Second-Language Teaching Methods. 4 Credits.
Approaches and methods in teaching second languages. Theoretical and pedagogical principles of language teaching, including a focus on language skills. Sequence with LT 436/536, 437/537.
Prereq: LING 540.

LT536. Second-Language Teaching Planning. 4 Credits.
Application of teaching principles and practices in teaching instruction. Practical techniques for developing skills in listening, speaking, reading, and writing second languages. Sequence with LT 435/535, 437/537.
Prereq: LING 540 or 544; LT 535 with a B– or better.

LT537. Second-Language Teaching Practice. 4 Credits.
Intensive workshop and practice in language instruction. Team-teaching of weekly English as a spoken language course including designing activities and creating materials. Sequence with LT 435/535, 436/536.
Prereq: LT 535. Pre- or coreq: LT 536

LT541. Teaching English Pronunciation. 4 Credits.
Introduction to English phonetics and phonology, methods for teaching pronunciation, lesson plan development, and practice teaching.

LT548. Curriculum and Materials Development. 5 Credits.
Introduction to elements of curriculum design and related materials development. Development and implementation of language curriculum. Practical application.
Prereq: LT 436/536.

LT549. Testing and Assessment. 5 Credits.
Principles and types of language testing; focuses on classroom testing, test design and integration into curriculum, and test planning for teaching situations.
Prereq: LT 436/536.

LT605. Reading and Conference: [Topic]. 1-9 Credits.
Repeatable five times for a maximum of 21 credits.

LT607. Seminar: [Topic]. 1-5 Credits.
Repeatable five times for a maximum of 16 credits.

LT608. Workshop: [Topic]. 1-5 Credits.
Repeatable five times for a maximum of 16 credits.

LT609. Supervised Tutoring. 1-4 Credits.
Repeatable twice for a maximum of 8 credits.

LT610. Experimental Course: [Topic]. 1-5 Credits.
Repeatable twice for a maximum of 8 credits.

LT611. Terminal Project. 1-7 Credits.
Two-term course required to complete an MA in language teaching specialization. Individual projects. Weekly group sessions provide guidance. Repeatable once for a maximum of 7 credits.
Prereq: LT 536.

LT629. Foundations in Language Theory. 4 Credits.
Provides a foundation in linguistic theory, sociolinguistics, and language acquisition for teachers assisting language-minority students.

Courses

LING101. Introduction to Language. 4 Credits.
Nontechnical introduction to language. Issues of general concern such as language attitudes; language and legislation, nationalism, gender; language learning; and human language versus animal communication.

LING150. Structure of English Words. 4 Credits.
Word structure and derivation in English Greek- and Latin-derived vocabulary; Germanic- and Romance-derived derivational rules. Understanding the dynamic structure of the English lexicon; prefixes, suffixes, and morphology.

LING196. Field Studies: [Topic]. 1-2 Credits.
Repeatable.

LING198. Workshop: [Topic]. 1-2 Credits.
Repeatable.

LING199. Special Studies: [Topic]. 1-5 Credits.
Repeatable.

LING201. Language and Power. 4 Credits.
Explores the nature of language, dialects, accents, and multilingualism, and relates these to issues of political, educational, and other forms of social power.

LING211. Languages of the World. 4 Credits.
Survey of the variability and distribution of the languages of the world in terms of linguistic typology, genetic relationships, and geographic location.

LING294. Child Language. 4 Credits.
Systematic survey of language structure and representation presented through the lens of language acquisition. Sounds, words, phrases, discourse, and pragmatics in typically and atypically developing children.

LING295. Language, Culture, and Society. 4 Credits.
Ways in which language reflects culture and in turn determines cultural world view, interaction between language and social structure, social relations and interpersonal communication.

LING296. Language and Society in the United States. 4 Credits.
English and non-English language diversity in the U.S., including regional varieties, African American English, Latino English. Explores language and social structure, policy, and educational issues.

LING301. Introduction to Linguistics Analysis. 4 Credits.
Study of human language and linguistics as a scientific and humanistic discipline. Lexicon, phonology, syntax, semantics, language change. Basic analytic techniques for drawing linguistic generalizations.

LING331. African Languages: Identity, Ethnicity, History. 4 Credits.
Introduction to the role of languages in understanding African identities, cultures, and migrations. Major language families, linguistic diversity, multilingualism, and historical change in African languages.
WR 121 passed with a grade of C- or better.

LING396. Language and Cognition. 4 Credits.
How human thought is coded by language. Topics include meaning, categorization; linguistic units and speech behavior; language use and memory; language comprehension and production.

LING399. Special Studies: [Topic]. 1-5 Credits.
Repeatable.

LING401. Research: [Topic]. 1-21 Credits.
Repeatable.

LING403. Thesis. 1-12 Credits.
Repeatable.

LING405. Reading and Conference: [Topic]. 1-21 Credits.
Repeatable.

LING406. Field Studies: [Topic]. 1-21 Credits.
Repeatable.

LING407. Seminar: [Topic]. 1-5 Credits.
Repeatable. Topics include history of linguistics, language contact, morphology, discourse pragmatics, conversational analysis, acoustic phonetics, psycholinguistics, language acquisition, applied linguistics..

LING408. Workshop: [Topic]. 1-21 Credits.
Repeatable.

LING409. Supervised Tutoring. 1-21 Credits.
Repeatable.

LING410. Experimental Course: [Topic]. 1-5 Credits.
Repeatable.

LING411. Phonetics. 4 Credits.
The articulatory and acoustic basis for understanding the production and perception of speech sounds; relevance of this phonetic base to phonological analysis.
Pre- or coreq: LING 301 passed with a grade of C- or better.

LING415. Semantics. 4 Credits.
Survey of the fundamentals of semantic theory from traditional formal logic to modern cognitive approaches. Additional coverage of fundamental notions in pragmatics.
Prereq: LING 301 passed with a grade of C- or better.

LING423. Fieldwork Methods and Ethics. 4 Credits.
Qualitative methodology in cross-cultural fieldwork from an interdisciplinary perspective. Ethics and techniques in preparation for the field, field relations, leaving the field.

LING432. Pathology of Language. 4 Credits.
Examines the language symptoms of aphasia, schizophrenia, Alzheimer's disease, and other neurological and psychiatric conditions from a neurolinguistic perspective.
Prereq: LING 301 or CDS 210 passed with a grade of C- or better.

LING435. Morphology and Syntax. 4 Credits.
Methods of determining the morphological and syntactic patterns of natural language data, with introduction to typological and theoretical issues in morphology.
Prereq: LING 301 passed with a grade of C- or better.

LING440. Linguistic Principles and Second-Language Learning. 4 Credits.
Introduction to how languages are learned in school contexts; underlying human language principles. Special attention to learning issues that classroom teachers need to address. Students cannot receive credit for both LING 440 and 444.

LING444. Second-Language Acquisition. 4 Credits.
Introduction to cognitive and social processes of acquiring second languages. Students cannot receive credit for both LING 440/540 and 444/544.
Prereq: LING 301 passed with a grade of C- or better.

LING450. Introduction to Phonology. 4 Credits.
Study of sound systems in language. Phonemic contrasts, allophonic variation, and complementary distribution in relation to lexical coding of words,phonological processes operating at the segmental and suprasegmental levels.
Prereq: LING 411 passed with a grade of C- or better.

LING451. Functional Syntax I. 4 Credits.
Syntax within grammar; its interaction with lexical meaning, propositional semantics, and discourse pragmatics; syntactic structure; case roles; word order; grammatical morphology; tense, aspect, modality, and negation; definiteness and referentiality.
Prereq: LING 435 passed with a grade of C- or better.

LING452. Functional Syntax II. 4 Credits.
Complex syntactic structures and their discourse function; embedded, coordinate, and subordinate clauses; nondeclarative speech acts, topicalization, contrast, and focusing; transitivization and detransitivization.
Prereq: LING 451 passed with a grade of C- or better.

LING460. Historical and Comparative Linguistics. 4 Credits.
Principles of language change and the methods of comparative and internal reconstruction; typological change in phonology, morphology, and syntax; language families and protolanguages.
Prereq: LING 450 with a grade of C- or better.

LING491. Sociolinguistics. 4 Credits.
Major approaches and frameworks to the study of sociolinguistics; social-cultural variation in language use and its relationship to change; attitudes about variations, multilingualism.
Prereq: LING 301.

LING494. English Grammar. 4 Credits.
Survey of grammatical, syntactic, and morphological structures of English in terms of semantic and functional criteria.

LING503. Thesis. 1-16 Credits.
Repeatable.

LING507. Seminar: [Topic]. 1-5 Credits.
Repeatable. Topics include history of linguistics, language contact, morphology, discourse pragmatics, conversational analysis.

LING508. Workshop: [Topic]. 1-21 Credits.
Repeatable.

LING510. Experimental Course: [Topic]. 1-5 Credits.
Repeatable.

LING511. Phonetics. 4 Credits.
The articulatory and acoustic basis for understanding the production and perception of speech sounds; relevance of this phonetic base to phonological analysis.

LING515. Semantics. 4 Credits.
Survey of the fundamentals of semantic theory from traditional formal logic to modern cognitive approaches. Additional coverage of fundamental notions in pragmatics.

LING523. Fieldwork Methods and Ethics. 4 Credits.
Qualitative methodology in cross-cultural fieldwork from an interdisciplinary perspective. Ethics and techniques in preparation for the field, field relations, leaving the field.

LING532. Pathology of Language. 4 Credits.
Examines the language symptoms of aphasia, schizophrenia, Alzheimer's disease, and other neurological and psychiatric conditions from a neurolinguistic perspective.

LING535. Morphology and Syntax. 4 Credits.
Methods of determining the morphological and syntactic patterns of natural language data, with introduction to typological and theoretical issues in morphology.

LING540. Linguistic Principles and Second-Language Learning. 4 Credits.
Introduction to how languages are learned in school contexts; underlying human language principles. Special attention to learning issues that classroom teachers need to address. Students cannot receive credit for both LING 440/540 and 444/544.

LING544. Second-Language Acquisition. 4 Credits.
Introduction to cognitive and social processes of acquiring second languages. Students cannot receive credit for both LING 440/540 and 444/544.

LING550. Introduction to Phonology. 4 Credits.
Study of sound systems in language. Phonemic contrasts, allophonic variation, and complementary distribution in relation to lexical coding of words,phonological processes operating at the segmental and suprasegmental levels.

LING551. Functional Syntax I. 4 Credits.
Syntax within grammar; its interaction with lexical meaning, propositional semantics, and discourse pragmatics; syntactic structure; case roles; word order; grammatical morphology; tense, aspect, modality, and negation; definiteness and referentiality.

LING552. Functional Syntax II. 4 Credits.
Complex syntactic structures and their discourse function; embedded, coordinate, and subordinate clauses; nondeclarative speech acts, topicalization, contrast, and focusing; transitivization and detransitivization.

LING560. Historical and Comparative Linguistics. 4 Credits.
Principles of language change and the methods of comparative and internal reconstruction; typological change in phonology, morphology, and syntax; language families and protolanguages.

LING591. Sociolinguistics. 4 Credits.
Major approaches and frameworks to the study of sociolinguistics; social-cultural variation in language use and its relationship to change; attitudes about variations, multilingualism.

LING594. English Grammar. 4 Credits.
Survey of grammatical, syntactic, and morphological structures of English in terms of semantic and functional criteria.

LING601. Research: [Topic]. 1-16 Credits.
Repeatable.

LING602. Supervised Teaching. 1-5 Credits.
Repeatable.

LING603. Dissertation. 1-16 Credits.
Repeatable.

LING605. Reading and Conference: [Topic]. 1-16 Credits.
Repeatable.

LING606. Field Studies: [Topic]. 1-16 Credits.
Repeatable.

LING607. Seminar: [Topic]. 1-5 Credits.
Repeatable. Topics include syntax, semantics, discourse pragmatics, stylistics, psycholinguistics, neurolinguistics.
Prereq: LING 450/550, 452/552.

LING608. Workshop: [Topic]. 1-16 Credits.
Repeatable.

LING609. Practicum: [Topic]. 1-8 Credits.
Prereq: LT 445/545.

LING610. Experimental Course: [Topic]. 1-5 Credits.
Repeatable.

LING614. Linguistic Theory: Phonology. 4 Credits.
Detailed investigation of phonological theory with emphasis on experimental evidence. Topics may include sound systems and their typology, morphophonology, and the acquisition of phonological structures.
Prereq: LING 450/550.

LING615. Linguistic Theory: Syntax. 4 Credits.
Issues in syntactic theory. Topics may include universals of semantic, pragmatic, and discourse function and their relation to syntax, syntactic typology and universals, formal models in syntactic description.
Prereq: LING 452/552.

LING616. Linguistic Theory: Semantics. 4 Credits.
Detailed investigation of issues in semantic and pragmatic theory. Topics may include universals of lexical semantics and discourse pragmatics and their interaction.
Prereq: LING 415/515.

LING617. Field Methods I. 5 Credits.
Supervised linguistics fieldwork with language speakers, both in and out of class. Application of language universals to the elicitation, analysis, and evaluation of data from particular languages; the writing of phonological, lexical, and grammatical descriptions; sentence versus text elicitation. Sequence.
Prereq: LING 450/550, 452/552.

LING618. Field Methods II. 5 Credits.
Supervised linguistics fieldwork with language speakers, both in and out of class. Application of language universals to the elicitation, analysis, and evaluation of data from particular languages; the writing of phonological, lexical, and grammatical descriptions; sentence versus text elicitation. Sequence.
Prereq: LING 617.

LING619. Field Methods III. 5 Credits.
Supervised linguistics fieldwork with language speakers, both in and out of class. Application of language universals to the elicitation, analysis, and evaluation of data from particular languages; the writing of phonological, lexical, and grammatical descriptions; sentence versus text elicitation. Sequence.
Prereq: LING 618.

LING621. Empirical Methods in Linguistics. 4 Credits.
Empirical quantified methods of data collection and analysis; statistical evaluation of results. Data derived from discourse, conversation, psycholinguistics, first- and second-language acquisition, speech pathology, speech and writing deficiencies.
Prereq: LING 450/550, 452/552.

LING622. Discourse Analysis. 4 Credits.
Language beyond the sentence level; elicitation and analysis of oral and written texts; quantitative text analysis. Information structure of discourse, discourse and syntax, conversational analysis, discourse pragmatics, discourse processing.
Prereq: LING 4/552.

LING644. Advanced Second-Language Acquisition. 4 Credits.
Characterization of major theoretical frameworks from which to view second-language acquisition issues and research paradigms associated with each framework.

LING660. Historical Syntax. 4 Credits.
Topics in the study of syntactic change.
Prereq: LING 452/552, 460/560 or equivalent.

Mathematics

Yuan Xu, Department Head
541-346-4705
218 Fenton Hall
1222 University of Oregon
Eugene, Oregon 97403-1222

Courses offered by the Department of Mathematics are designed to satisfy the needs of majors and nonmajors interested in mathematics primarily as part of a broad liberal education. They provide basic mathematical and statistical training for students in the social, biological, and physical sciences and in the professional schools; prepare teachers

of mathematics; and provide advanced and graduate work for students specializing in the field.

Facilities

The department office and the Mathematics Library are housed in Fenton Hall. A reading and study area is located in the Moursund Reading Room of the Mathematics Library. The Hilbert Space, an undergraduate mathematics center, is in Deady Hall.

Awards and Prizes

- The William Lowell Putnam examination, a competitive, nationally administered mathematics examination, is given early each December. It contains twelve very challenging problems, and prizes are awarded to the top finishers in the nation. Interested students should consult the chair of the undergraduate affairs committee at the beginning of fall term
- The Anderson Award, endowed by Frank W. Anderson, honors an advanced graduate student with the department's most outstanding teaching record
- The Jack and Peggy Borsting Award for Scholastic Achievement in Graduate Mathematics is awarded to either a graduating or continuing graduate student
- The Curtis Scholarship, endowed by Charles W. and Elizabeth H. Curtis, honors a continuing undergraduate student who has shown outstanding achievement in mathematics
- The DeCou Prize, which honors a former long-time department head, E. E. DeCou, and his son, E. J. DeCou, is awarded annually to the outstanding graduating senior with a mathematics major
- The Juilfs Scholarship, in honor of Erwin and Gertrude Juilfs, is awarded to one or more students who show exceptional promise for achievement as evidenced by GPA, originality of research, or other applicable criteria
- The Marion Walter Future Teachers Award is awarded annually to the outstanding senior graduating with a precollege-teaching option
- The Civin Graduate Award, endowed by the family of Paul and Harriet Civin, is awarded for the purpose of attracting and retaining promising graduate students
- The HarrisonMemoryAward, which honors former mathematics professor D. K. Harrison, is endowed by Ms. Ann Hill Harrison and is awarded for outstanding graduate research

Faculty

Shabnam Akhtari, assistant professor (number theory). BA, 2002, Sharif University of Technology; PhD, 2008, British Columbia. (2012)

Arkadiy D. Berenstein, professor (quantum groups, representation theory). MS, 1988, Moscow Transport Institute; PhD, 1996, Northeastern. (2000)

Tricia H. Bevans, instructor. BA, 1995, MS, 1998, Oregon. (2013)

Boris Botvinnik, professor (algebraic topology). MS, 1978, Novosibirsk State; PhD, 1984, USSR Academy of Sciences, Novosibirsk. (1993)

Marcin Bownik, professor (harmonic analysis, wavelets). Magister, 1995, Warsaw, Poland; MA, 1997, PhD, 2000, Washington (St. Louis). (2003)

Jonathan Brundan, professor (Lie theory, representation theory). BA, 1992, Queens College, Cambridge; PhD, 1996, University of London. (1997)

Daniel K. Dugger, professor (algebraic topology and geometry, K-theory, commutative algebra). BA, 1994, Michigan, Ann Arbor; PhD, 1999, Massachusetts Institute of Technology. (2004)

Ben Elias, assistant professor (representation theory, categorification). BA, 2005, Princeton; PhD, 2011, Columbia. (2014)

Peter B. Gilkey, professor (global analysis, differential geometry). BS, MA, 1967, Yale; PhD, 1972, Harvard. (1981)

Hayden Harker, instructor. BA, 1995, Oberlin College; MS, 2000, PhD, 2005, Oregon. (2011)

Weiyong He, associate professor (differential geometry, geometric analysis and partial differential equations). MS, 2004, Science and Technology of China; PhD, 2007, Wisconsin, Madison. (2009)

Fred Hervert, senior instructor. BA, 1983, MS, 1987, Northeastern Illinois. (1999)

James A. Isenberg, professor (mathematical physics, differential geometry, nonlinear partial differential equations). AB, 1973, Princeton; PhD, 1979, Maryland. (1982)

Alexander S. Kleshchev, professor (algebra, representation theory). BS, MS, 1988, Moscow State; PhD, 1993, Institute of Mathematics, Academy of Sciences of Belarus, Minsk. (1995)

David A. Levin, associate professor (probability theory and stochastic processes). BS, 1993, Chicago; MA, 1995, PhD, 1999, California, Berkeley. (2006)

Huaxin Lin, professor (functional analysis). BA, 1980, East China Normal, Shanghai; MS, 1984, PhD, 1986, Purdue. (1995)

Peng Lu, professor (differential geometry, geometric analysis). BSc, 1985, Nanjing; MSc, 1988, Nanki Mathematics Institute; PhD, 1996, State University of New York, Stony Brook. (2002)

Jean B. Nganou, instructor (finite dimensional division algebras). MS, 2001, Yaoundé I; PhD, 2009, New Mexico State. (2009)

Victor V. Ostrik, professor (representation theory). MS, 1995, PhD, 1999, Moscow State. (2003)

N. Christopher Phillips, professor (functional analysis). AB, 1978, MA, 1980, PhD, 1984, California, Berkeley. (1990)

Alexander Polishchuk, professor (algebraic geometry). MS, 1993, Moscow State; PhD, 1996, Harvard. (2003)

Michael R. Price, senior instructor; assistant department head. BS, 2003, MS, 2005, Oregon. (2005)

Nicholas J. Proudfoot, associate professor (algebraic geometry, combinatorics, topological groups). AB, 2000, Harvard; PhD, 2004, California, Berkeley. (2007)

Hal Sadofsky, associate professor (algebraic topology, homotopy theory). BS, 1984, Rochester; PhD, 1990, Massachusetts Institute of Technology. (1995)

Brad S. Shelton, professor (Lie groups, harmonic analysis, representations). BA, 1976, Arizona; MS, PhD, 1982, Washington (Seattle). (1985)

Christopher D. Sinclair, associate professor (random matrix theory, number theory). BS, 1997, Arizona; PhD, 2005, Texas, Austin. (2009)

Dev P. Sinha, associate professor (algebraic and differential topology). BS, 1993, Massachusetts Institute of Technology; PhD, 1997, Stanford. (2001)

Bartlomiej A. Siudeja, assistant professor (probability, differential equations). MS, 2003, Wroclaw University of Technology; PhD, 2008, Purdue, West Lafayette. (2011)

David C Steinberg, instructor. BSc, 2004, Alberta; MA, 2006, State University of New York, Binghamton; PhD, 2012, British Columbia. (2013)

Jennifer Thorenson, instructor. BS, 2003, North Dakota State; MS, 2005, PhD, 2013, Montana State. (2013)

Craig Tingey, senior instructor. BA, BS, 1989, MS, 1991, Utah. (2001)

Arkady Vaintrob, associate professor (algebraic geometry, Lie theory and representation theory, mathematical physics). BA, 1976, Moscow Institute of Railway Engineering; MS, 1979, PhD, 1987, Moscow State. (2000)

Vadim Vologodski, associate professor (algebraic geometry, number theory). MS, 1996, Independent University of Moscow; PhD, 2001, Harvard. (2009)

Hao Wang, associate professor (mathematics of finance, probability, statistics). BS, 1980, MS, 1985, Wuhan (China); PhD, 1995, Carleton (Canada). (2000)

Micah Warren, assistant professor (geometric analysis). BS, 2000, Pacific Lutheran; MS, 2006, PhD, 2008, Washington (Seattle). (2012)

Yuan Xu, professor (numerical analysis). BS, 1982, Northwestern (China); MS, 1984, Beijing Institute of Aeronautics and Astronautics; PhD, 1988, Temple. (1992)

Benjamin Young, assistant professor (combinatorics). BS, 2001, MS, 2002, Carleton; PhD, 2008, British Columbia. (2012)

Sergey Yuzvinsky, professor (representation theory, combinatorics, multiplication of forms). MA, 1963, PhD, 1966, Leningrad. (1980)

Courtesy

Robert M. Solovay, courtesy professor (quantum computation, logic). MS, 1960, PhD, 1964, Chicago. (1990)

Emeriti

Frank W. Anderson, professor emeritus. BA, 1951, MS, 1952, PhD, 1954, Iowa. (1957)

Fred C. Andrews, professor emeritus. BS, 1946, MS, 1948, Washington (Seattle); PhD, 1953, California, Berkeley. (1957)

Bruce A. Barnes, professor emeritus. BA, 1960, Dartmouth; PhD, 1964, Cornell. (1966)

Richard B. Barrar, professor emeritus. BS, 1947, MS, 1948, PhD, 1952, Michigan. (1967)

Glenn T. Beelman, senior instructor emeritus. BS, 1938, South Dakota State; AM, 1962, George Washington. (1966)

Charles W. Curtis, professor emeritus. BA, 1947, Bowdoin; MA, 1948, PhD, 1951, Yale. (1963)

Micheal N. Dyer, professor emeritus. BA, 1960, Rice; PhD, 1965, California, Los Angeles. (1967)

Robert S. Freeman, associate professor emeritus. BAE., 1947, New York University; PhD, 1958, California, Berkeley. (1967)

William M. Kantor, professor emeritus. BS, 1964, Brooklyn; MA, 1965, PhD, 1968, Wisconsin, Madison. (1971)

Richard M. Koch, professor emeritus. BA, 1961, Harvard; PhD, 1964, Princeton. (1966)

John V. Leahy, professor emeritus. PhD, 1965, Pennsylvania. (1966)

Shlomo Libeskind, professor emeritus. BS, 1962, MS, 1965, Technion-Israel Institute of Technology; PhD, 1971, Wisconsin, Madison. (1986)

Theodore W. Palmer, professor emeritus. BA, 1958, MA, 1958, Johns Hopkins; AM, 1959, PhD, 1966, Harvard. (1970)

Kenneth A. Ross, professor emeritus. BS, 1956, Utah; MS, 1958, PhD, 1960, Washington (Seattle). (1964)

Gary M. Seitz, professor emeritus. AB, 1964, MA, 1965, California, Berkeley; PhD, 1968, Oregon. (1970)

Allan J. Sieradski, professor emeritus. BS, 1962, Dayton; MS, 1964, PhD, 1967, Michigan. (1967)

Stuart Thomas, senior instructor emeritus. AB, 1965, California State, Long Beach; MA, 1967, California, Berkeley. (1990)

Marie A. Vitulli, professor emerita. BA, 1971, Rochester; MA, 1973, PhD, 1976, Pennsylvania. (1976)

Marion I. Walter, professor emerita. BA, 1950, Hunter; MS, 1954, New York University; DEd, 1967, Harvard. (1977)

Lewis E. Ward Jr., professor emeritus. AB, 1949, California, Berkeley; MS, 1951, PhD, 1953, Tulane. (1959)

Jerry M. Wolfe, associate professor emeritus. BS, 1966, Oregon State; MA, 1969, PhD, 1972, Washington (Seattle). (1970)

Charles R. B. Wright, professor emeritus. BA, 1956, MA, 1957, Nebraska; PhD, 1959, Wisconsin, Madison. (1961)

The date in parentheses at the end of each entry is the first year on the University of Oregon faculty.

- **Bachelor of Arts: Applied Mathematics**
- **Bachelor of Arts: Pure Mathematics**
- **Bachelor of Arts: Secondary Teaching**
- **Bachelor of Arts: Design-Your-Own**
- **Bachelor of Science: Applied Mathematics**
- **Bachelor of Science: Pure Mathematics**
- **Bachelor of Science: Secondary Teaching**
- **Bachelor of Science: Design-Your-Own**
- **Minor**

Undergraduate Studies

Students planning to major in mathematics at the university should take four years of high school mathematics including a year of mathematics as a senior. Courses in algebra, geometry, trigonometry, and more advanced topics should be included whether offered as separate courses or as a unit.

College transfer students who have completed a year of calculus should be able to satisfy the major requirements in mathematics at the University of Oregon in two years.

Science Group Requirement

The department offers courses that satisfy the science group requirement:

MATH105–107	University Mathematics I-III	12
MATH211–213	Fundamentals of Elementary Mathematics I-III	12
MATH231–233	Elements of Discrete Mathematics I-III	12
MATH241–242 &MATH243	Calculus for Business and Social Science I-II and Introduction to Methods of Probability and Statistics	12
MATH246–247	Calculus for the Biological Sciences I-II	8
MATH251–253	Calculus I-III	12
MATH261–263	Calculus with Theory I-III	12
MATH307	Introduction to Proof	4

The 100-level courses present important mathematical ideas in an elementary setting, stressing concepts more than computation. They do not provide preparation for other mathematics courses but are compatible with further study in mathematics.

Enrollment in Courses

Beginning and transfer students must take a placement examination before enrolling in their first UO mathematics course; the examination is given during each registration period. Students who transfer credit for calculus to the university are excused from the examination.

To enroll in courses that have prerequisites, students must complete the prerequisite courses with grades of C– or better or P.

Students cannot receive credit for a course that is a prerequisite to a course they have already taken. For example, a student with credit in Calculus for Business and Social Science I (MATH241) cannot later receive credit for College Algebra (MATH111). For more information about credit restrictions, contact a mathematics advisor.

Bridge Requirement

Most upper-division courses include mathematical proof as a significant element. To prepare for this, students must satisfy the bridge requirement as a prerequisite to taking any 300- or 400-level course other thanElementary Linear Algebra (MATH341–342),Statistical Methods I-II (MATH425–426), orPartial Differential Equations: Fourier Analysis I-II (MATH421–422).

The bridge requirement is one of the following.

MATH307	Introduction to Proof	4
MATH231–232	Elements of Discrete Mathematics I-II	8
MATH261–262	Calculus with Theory I-II	8

Note that this affects all majors because the bridge requirement must be satisfied before taking Elementary Analysis (MATH315).

Calculus Sequences

The department offers four calculus sequences. Students need to consult an advisor in mathematics or in their major field about which sequence to take.

Sequence	Description
MATH251–253	• Standard sequence recommended to most students in the physical sciences and mathematics • For students interested in more advanced mathematics courses
MATH261–263	• Same material as the standard sequence but includes theoretical background material and is for strong students with an interest in mathematics • For students interested in more advanced mathematics courses
MATH246–247, MATH253	• Covers comparable material as Calculus I,II but with an emphasis on modeling and applications to the life sciences. • For students interested in more advanced mathematics courses
MATH241–242, MATH243	• Serves the mathematical needs of students in the business, managerial, and social sciences • For students **not** interested in more advanced mathematical courses

The first three sequences are equivalent as far as department requirements for majors or minors and as far as prerequisites for more advanced courses.

Program Plan Example

First Year		Credits
Select one of the following:		12
MATH251–253	Calculus I-III	12
MATH261–263	Calculus with Theory I-III	12
Select one of the following:		4-8
MATH231–232	Elements of Discrete Mathematics I-II	8
MATH261–262	Calculus with Theory I-II	8

MATH307	Introduction to Proof	4
Second Year		
MATH256	Introduction to Differential Equations	4
MATH281–282	Several-Variable Calculus I-II	8
MATH315	Elementary Analysis	4
MATH341–342	Elementary Linear Algebra	8
Third Year		
Upper-division mathematics course		4
Complete second-year sequence, as necessary		4
Fourth Year		
Three upper-division mathematics courses		12
	Total Credits:	**36-40**

1 Students interested in a physical science typically take the Introduction to Differential Equations (MATH256) sequence.

2 Students interested in pure mathematics or computer and information science typically take the Elementary Analysis (MATH315) sequence.

3 The sequences can be taken simultaneously, but it is possible to graduate in four years without taking both at once.

Students who are considering graduate school in mathematics should take at least one or two of the pure math sequences, Introduction to Analysis I-III (MATH413–415), Introduction to Abstract Algebra I-III (MATH444–446), or Introduction to Topology (MATH431–432) and Introduction to Differential Geometry (MATH433). The choice merits discussion with an advisor.

Bachelor's Degree Requirements

The department offers undergraduate preparation for positions in government, business, and industry and for graduate work in mathematics and statistics. Each student's major program is individually constructed in consultation with an advisor.

Upper-division courses used to satisfy major requirements must be taken for letter grades, and only one D grade (D+ or D or D–) may be counted toward the upper-division requirement. At least 12 credits in upper-division mathematics courses must be taken in residence at the university.

Statistical Methods I (MATH425) cannot be used to satisfy requirements for a mathematics major or minor.

To qualify for a bachelor's degree with a major in mathematics, a student must satisfy the requirements for one of four options: applied mathematics, pure mathematics, secondary teaching, or an option of your own design. In each option, most courses require calculus as a prerequisite, and in each option some of the courses require satisfying the bridge requirement.

Bachelor of Arts: Applied Mathematics

MATH256	Introduction to Differential Equations	4
MATH281–282	Several-Variable Calculus I-II	8
MATH315	Elementary Analysis [1]	4
MATH341–342	Elementary Linear Algebra	8
Select four of the following:		16
MATH343	Statistical Models and Methods	
MATH351	Elementary Numerical Analysis I	
MATH352	Elementary Numerical Analysis II	
MATH411	Functions of a Complex Variable I	
MATH412	Functions of a Complex Variable II	
MATH420	Ordinary Differential Equations	
MATH421	Partial Differential Equations: Fourier Analysis I	
MATH422	Partial Differential Equations: Fourier Analysis II	
MATH456	Networks and Combinatorics	
MATH457	Discrete Dynamical Systems	
MATH458	Introduction to Mathematical Cryptography	
MATH461	Introduction to Mathematical Methods of Statistics I	
MATH462	Introduction to Mathematical Methods of Statistics II	
MATH463	Mathematical Methods of Regression Analysis and Analysis of Variance	
Total Credits		**40**

1 For students who have completed Calculus with Theory I-III (MATH261–263) with a grade of mid-C or better, the department will waive the requirement for Elementary Analysis (MATH315).

Bachelor of Science: Applied Mathematics

MATH256	Introduction to Differential Equations	4
MATH281–282	Several-Variable Calculus I-II	8
MATH315	Elementary Analysis [1]	4
MATH341–342	Elementary Linear Algebra	8
Select four of the following:		16
MATH343	Statistical Models and Methods	
MATH351	Elementary Numerical Analysis I	
MATH352	Elementary Numerical Analysis II	
MATH411	Functions of a Complex Variable I	
MATH412	Functions of a Complex Variable II	
MATH420	Ordinary Differential Equations	
MATH421	Partial Differential Equations: Fourier Analysis I	
MATH422	Partial Differential Equations: Fourier Analysis II	
MATH456	Networks and Combinatorics	
MATH457	Discrete Dynamical Systems	
MATH458	Introduction to Mathematical Cryptography	
MATH461	Introduction to Mathematical Methods of Statistics I	

MATH462	Introduction to Mathematical Methods of Statistics II	
MATH463	Mathematical Methods of Regression Analysis and Analysis of Variance	
Total Credits		**40**

[1] For students who have completed Calculus with Theory I-III (MATH261–263) with a grade of mid-C or better, the department will waive the requirement for Elementary Analysis (MATH315).

Bachelor of Arts: Pure Mathematics

MATH256	Introduction to Differential Equations	4
MATH281–282	Several-Variable Calculus I-II	8
MATH315	Elementary Analysis [1]	4
MATH341–342	Elementary Linear Algebra	8
Select four of the following:		16
MATH391	Fundamentals of Abstract Algebra I	
MATH392	Fundamentals of Abstract Algebra II	
MATH393	Fundamentals of Abstract Algebra III	
MATH394	Geometries from an Advanced Viewpoint I	
MATH395	Geometries from an Advanced Viewpoint II	
MATH413	Introduction to Analysis I	
MATH414	Introduction to Analysis II	
MATH415	Introduction to Analysis III	
MATH431	Introduction to Topology	
MATH432	Introduction to Topology	
MATH433	Introduction to Differential Geometry	
MATH441	Linear Algebra	
MATH444	Introduction to Abstract Algebra I	
MATH445	Introduction to Abstract Algebra II	
MATH446	Introduction to Abstract Algebra III	
MATH467	Stochastic Processes	
Total Credits		**40**

[1] For students who have completed Calculus with Theory I-III (MATH261–263) with a grade of mid-C or better, the department will waive the requirement for Elementary Analysis (MATH315).

Bachelor of Science: Pure Mathematics

MATH256	Introduction to Differential Equations	4
MATH281–282	Several-Variable Calculus I-II	8
MATH315	Elementary Analysis [1]	4
MATH341–342	Elementary Linear Algebra	8
Select four of the following:		16
MATH391	Fundamentals of Abstract Algebra I	
MATH392	Fundamentals of Abstract Algebra II	
MATH393	Fundamentals of Abstract Algebra III	
MATH394	Geometries from an Advanced Viewpoint I	
MATH395	Geometries from an Advanced Viewpoint II	
MATH413	Introduction to Analysis I	
MATH414	Introduction to Analysis II	
MATH415	Introduction to Analysis III	
MATH431	Introduction to Topology	
MATH432	Introduction to Topology	
MATH433	Introduction to Differential Geometry	
MATH441	Linear Algebra	
MATH444	Introduction to Abstract Algebra I	
MATH445	Introduction to Abstract Algebra II	
MATH446	Introduction to Abstract Algebra III	
MATH467	Stochastic Processes	
Total Credits		**40**

[1] For students who have completed Calculus with Theory I-III (MATH261–263) with a grade of mid-C or better, the department will waive the requirement for Elementary Analysis (MATH315).

Bachelor of Arts: Secondary Teaching

MATH315	Elementary Analysis [1]	4
MATH341	Elementary Linear Algebra	4
MATH343	Statistical Models and Methods	4
MATH346	Number Theory	4
MATH391–393	Fundamentals of Abstract Algebra I-III	12
MATH394–395	Geometries from an Advanced Viewpoint I-II	8
CIS122	Introduction to Programming and Problem Solving (or another programming course approved by advisor)	4
Total Credits		**40**

[1] For students who have completed Calculus with Theory I-III (MATH261–263) with a grade of mid-C or better, the department will waive the requirement for Elementary Analysis (MATH315).

Bachelor of Science: Secondary Teaching

MATH315	Elementary Analysis [1]	4
MATH341	Elementary Linear Algebra	4
MATH343	Statistical Models and Methods	4
MATH346	Number Theory	4
MATH391–393	Fundamentals of Abstract Algebra I-III	12
MATH394–395	Geometries from an Advanced Viewpoint I-II	8
CIS122	Introduction to Programming and Problem Solving (or another programming course approved by advisor)	4
Total Credits		**40**

[1] For students who have completed Calculus with Theory I-III (MATH261–263) with a grade of mid-C or better, the department will waive the requirement for Elementary Analysis (MATH315).

Bachelor of Arts: Design-Your-Own

MATH256	Introduction to Differential Equations	4
MATH281–282	Several-Variable Calculus I-II	8
MATH315	Elementary Analysis [1]	4
MATH341–342	Elementary Linear Algebra	8
Select four of the following: [2]		16
MATH343	Statistical Models and Methods	

MATH351	Elementary Numerical Analysis I
MATH352	Elementary Numerical Analysis II
MATH411	Functions of a Complex Variable I
MATH412	Functions of a Complex Variable II
MATH420	Ordinary Differential Equations
MATH421	Partial Differential Equations: Fourier Analysis I
MATH422	Partial Differential Equations: Fourier Analysis II
MATH456	Networks and Combinatorics
MATH457	Discrete Dynamical Systems
MATH458	Introduction to Mathematical Cryptography
MATH461	Introduction to Mathematical Methods of Statistics I
MATH462	Introduction to Mathematical Methods of Statistics II
MATH463	Mathematical Methods of Regression Analysis and Analysis of Variance
MATH391	Fundamentals of Abstract Algebra I
MATH392	Fundamentals of Abstract Algebra II
MATH393	Fundamentals of Abstract Algebra III
MATH394	Geometries from an Advanced Viewpoint I
MATH395	Geometries from an Advanced Viewpoint II
MATH413	Introduction to Analysis I
MATH414	Introduction to Analysis II
MATH415	Introduction to Analysis III
MATH431	Introduction to Topology
MATH432	Introduction to Topology
MATH433	Introduction to Differential Geometry
MATH441	Linear Algebra
MATH444	Introduction to Abstract Algebra I
MATH445	Introduction to Abstract Algebra II
MATH446	Introduction to Abstract Algebra III
MATH467	Stochastic Processes
Total Credits	**40**

1 For students who have completed Calculus with Theory I-III (MATH261–263) with a grade of mid-C or better, the department will waive the requirement for Elementary Analysis (MATH315).

2 Select courses in consultation with advisor. It is important to get approval in advance; the four elective courses cannot be chosen arbitrarily. In some cases, upper-division courses can be substituted for the lower-division courses listed as requirements for this degree.

Bachelor of Science: Design-Your-Own

MATH256	Introduction to Differential Equations	4
MATH281–282	Several-Variable Calculus I-II	8
MATH315	Elementary Analysis [1]	4
MATH341–342	Elementary Linear Algebra	8
Select four of the following: [2]		16
MATH343	Statistical Models and Methods	
MATH351	Elementary Numerical Analysis I	
MATH352	Elementary Numerical Analysis II	
MATH411	Functions of a Complex Variable I	
MATH412	Functions of a Complex Variable II	
MATH420	Ordinary Differential Equations	
MATH421	Partial Differential Equations: Fourier Analysis I	
MATH422	Partial Differential Equations: Fourier Analysis II	
MATH456	Networks and Combinatorics	
MATH457	Discrete Dynamical Systems	
MATH458	Introduction to Mathematical Cryptography	
MATH461	Introduction to Mathematical Methods of Statistics I	
MATH462	Introduction to Mathematical Methods of Statistics II	
MATH463	Mathematical Methods of Regression Analysis and Analysis of Variance	
MATH391	Fundamentals of Abstract Algebra I	
MATH392	Fundamentals of Abstract Algebra II	
MATH393	Fundamentals of Abstract Algebra III	
MATH394	Geometries from an Advanced Viewpoint I	
MATH395	Geometries from an Advanced Viewpoint II	
MATH413	Introduction to Analysis I	
MATH414	Introduction to Analysis II	
MATH415	Introduction to Analysis III	
MATH431	Introduction to Topology	
MATH432	Introduction to Topology	
MATH433	Introduction to Differential Geometry	
MATH441	Linear Algebra	
MATH444	Introduction to Abstract Algebra I	
MATH445	Introduction to Abstract Algebra II	
MATH446	Introduction to Abstract Algebra III	
MATH467	Stochastic Processes	
Total Credits		**40**

1 For students who have completed Calculus with Theory I-III (MATH261–263) with a grade of mid-C or better, the department will waive the requirement for Elementary Analysis (MATH315).

2 Select courses in consultation with advisor. It is important to get approval in advance; the four elective courses cannot be chosen arbitrarily. In some cases, upper-division courses can be substituted for the lower-division courses listed as requirements for this degree.

Students are encouraged to explore the design-your-own option with an advisor. For example, physics majors typically fulfill the applied option. But physics students interested in the modern theory of elementary particles should construct an individualized program that includes abstract algebra and group theory. Another example: economics majors typically take statistics and other courses in the applied option. But students who plan to do graduate study in economics should consider the analysis sequence (Introduction to Analysis I-III (MATH413–415)) and construct an individualized program that contains it.

Mathematics and Computer Science

The Department of Mathematics and the Department of Computer and Information Science jointly offer an undergraduate major in mathematics and computer science, leading to a bachelor of arts or a bachelor of

science degree. This program is described in the **Mathematics and Computer Science** section of this catalog.

Recommended Mathematics Coursesfor Other Areas

Students with an undergraduate mathematics degree often change fields when enrolling in graduate school. Common choices for a graduate career include computer science, economics, engineering, law, medicine, and physics. It is not unusual for a mathematics major to complete a second major as well. The following mathematics courses are recommended for students interested in other areas:

Actuarial Science		
MATH351–352	Elementary Numerical Analysis I-II	8
MATH461–462	Introduction to Mathematical Methods of Statistics I-II	8
MATH463	Mathematical Methods of Regression Analysis and Analysis of Variance [1]	4
Biological Sciences		
MATH461–462	Introduction to Mathematical Methods of Statistics I-II	8
Computer and Information Science		
MATH231–233	Elements of Discrete Mathematics I-III	12
MATH351–352	Elementary Numerical Analysis I-II	8
orMATH461–462	Introduction to Mathematical Methods of Statistics I-II	
MATH456	Networks and Combinatorics	4
Economics, Business, and Social Science		
MATH461–462	Introduction to Mathematical Methods of Statistics I-II [2]	8
Physical Sciences and Engineering		
MATH351–352	Elementary Numerical Analysis I-II	8
MATH411–412	Functions of a Complex Variable I-II	8
MATH420	Ordinary Differential Equations	4
MATH421–422	Partial Differential Equations: Fourier Analysis I-II	8

1 Courses in computer science, accounting, and economics are also recommended. It is possible to take the first few actuarial examinations (on calculus, statistics, and numerical analysis) as an undergraduate student.

2 Students who want to take upper-division mathematics courses should take Calculus I-II (MATH251–252) in place of Calculus for Business and Social Science I-II (MATH241–242).

Honors Program

Students preparing to graduate with honors in mathematics should notify the department's honors advisor no later than the first term of their senior year.

They must complete two of thefollowing four sets of courses with at least a mid-B average (3.00 grade point average):

Select two of the following:		8
MATH413–414	Introduction to Analysis I-II	
MATH431–432	Introduction to Topology	
MATH444–445	Introduction to Abstract Algebra I-II	
MATH461 &MATH467	Introduction to Mathematical Methods of Statistics I and Stochastic Processes	

They must also write a thesis covering advanced topics assigned by their advisor. The degree withdepartmental honors is awarded to students whose work is judged truly exceptional.

Minor Requirements

To earn a minor in mathematics, a student must complete at least 30 credits in mathematics at the 200 level or higher, with at least 15 upper-division mathematics credits; Statistical Methods I (MATH425)cannot be used toward the upper-division requirement. A minimum of 15 credits must be taken at the University of Oregon.

Only one D grade (D+ or D or D–) may be counted toward fulfilling the upper-division requirement. All upper-division courses must be taken for letter grades. The flexibility of the mathematics minor program allows each student, in consultation with a mathematics advisor, to tailor the program to his or her needs.

The minor is intended for any student, regardless of major, with a strong interest in mathematics. While students in such closely allied fields as computer and information science or physics often complete double majors, students with more distantly related majors such as psychology or history may find the minor useful.

Preparation for Kindergarten through Secondary School Teaching Careers

The College of Education offers a fifth-year program for middle-secondary licensure in mathematics and for elementary teaching. For more information, see the **College of Education** section of this catalog.

- **Master of Arts**
- **Master of Science**
- **Master of Arts: PrePhD**
- **Master of Science: PrePhD**
- **Doctor of Philosophy**

Graduate Studies

The university offers graduate study in mathematics leading to the master of arts (MA), master of science (MS), and doctor of philosophy (PhD) degrees.

Master's degree programs are available to suit the needs of students with various objectives. There are programs for students who intend to enter a doctoral program and for those who plan to conclude their formal study of pure or applied mathematics at the master's level.

Admission depends on the student's academic record—both overall academic quality and adequate mathematical background for the applicant's proposed degree program. The application for admission is available online (http://math.uoregon.edu/graduate/apply-online). Prospective applicants should note the general university requirements for graduate admission that appear in the **Graduate School** section of this catalog as well as requirements specific to the department at math.uoregon.edu/graduate/admissions. (http://math.uoregon.edu/graduate/admissions)

Transcripts from all undergraduate and graduate institutions attended and copies of Graduate Record Examinations (GRE) scores in the verbal, quantitative, and mathematics tests (general and subject GREs) should be submitted to the department.

In addition to general Graduate School requirements, the specific graduate program courses and conditions listed below must be fulfilled. More details can be found in the Department of Mathematics *Graduate Student Handbook*, available in the department office and online (http://math.uoregon.edu/graduate/handbook). All mathematics courses applied to degree requirements, including associated reading courses, must be taken for letter grades. A final written or oral examination or both is required for master's degrees except under the pre-PhD option outlined below. This examination is waived under circumstances outlined in the departmental *Graduate Student Handbook*.

Master's Degree Programs

Master of Arts: Pre-PhD Requirements

Two 600-level mathematics sequences [1]	24-45
Other 600-level courses [1, 2]	12-15
Total Credits	45

1. Students must complete two 600-level sequences acceptable for the qualifying examinations in the PhD program. In addition, they must complete one other 600-level sequence or a combination of three terms of 600-level courses approved by the master's degree subcommittee of the graduate affairs committee.
2. As many as 15 credits from graduate-level courses outside mathematics may be used toward the degree.

Master of Science: Pre-PhD Requirements

Two 600-level mathematics sequences [1]	24-45
Other 600-level courses [1, 2]	12-15
Total Credits	45

1. Students must complete two 600-level sequences acceptable for the qualifying examinations in the PhD program. In addition, they must complete one other 600-level sequence or a combination of three terms of 600-level courses approved by the master's degree subcommittee of the graduate affairs committee.
2. As many as 15 credits from graduate-level courses outside mathematics may be used toward the degree.

Master of Arts Degree Requirements

Option 1

One 600-level sequence [1]		12-15
Select two of the following:		24
MATH513–515	Introduction to Analysis I-III	
MATH531–532 &MATH533	Introduction to Topology and Introduction to Differential Geometry	
MATH544–546	Introduction to Abstract Algebra I-III	

Option 2

Two 600-level sequences [1]		24-30
Select one of the following:		12
MATH513–515	Introduction to Analysis I-III	
MATH531–532 &MATH533	Introduction to Topology and Introduction to Differential Geometry	
MATH544–546	Introduction to Abstract Algebra I-III	

1. Excluding Reading and Conference: [Topic] (MATH605)

Of the required 45 credits, 15 may be in graduate-level courses other than mathematics. Students should also have taken a three-term upper-division or graduate sequence in statistics, numerical analysis, computing, or other applied mathematics.

Master of Science Degree Requirements

Option 1

One 600-level sequence [1]		12-15
Select two of the following:		24
MATH513–515	Introduction to Analysis I-III	
MATH531–532 &MATH533	Introduction to Topology and Introduction to Differential Geometry	
MATH544–546	Introduction to Abstract Algebra I-III	

Option 2

Two 600-level sequences [1]		24-30
Select one of the following:		12
MATH513–515	Introduction to Analysis I-III	
MATH531–532 &MATH533	Introduction to Topology and Introduction to Differential Geometry	
MATH544–546	Introduction to Abstract Algebra I-III	

1. Excluding Reading and Conference: [Topic] (MATH605)

Of the required 45 credits, 15 may be in graduate-level courses other than mathematics. Students should also have taken a three-term upper-division or graduate sequence in statistics, numerical analysis, computing, or other applied mathematics.

Doctor of Philosophy

The PhD is a degree of distinction not to be conferred in routine fashion after completion of a specific number of courses or after attendance in Graduate School for a given number of years.

The department offers programs leading to the PhD degree in the areas of algebra, analysis, applied mathematics, combinatorics, geometry, mathematical physics, numerical analysis, probability, statistics, and topology. Advanced graduate courses in these areas are typically offered in Seminar: [Topic] (MATH607). Each student, upon entering the graduate degree program in mathematics, reviews previous studies and objectives with the graduate advising committee. Based on this consultation, conditional admission to the master's degree program or the

pre-PhD program is granted. A student in the pre-PhD program may also be a candidate for the master's degree.

Pre-PhD Program

To be admitted to the pre-PhD program, an entering graduate student must have completed a course of study equivalent to the graduate preparatory bachelor's degree program described above. Other students are placed in the master's degree program and may apply for admission to the pre-PhD program following a year of graduate study. Students in the pre-PhD program must take the qualifying examination by the beginning of their third year, during the week before classes begin fall term. It consists of examinations on two basic 600-level graduate course sequences, one each from two of the following three categories:

1. algebra
2. analysis and probability
3. topology and geometry

PhD Program

Admission to the PhD program is based on the following criteria:

- satisfactory performance on the qualifying examination
- completion of three courses at a level commensurate with study toward a PhD
- satisfactory performance in seminars or other courses taken as a part of the pre-PhD or PhD program.

Students who are not admitted to the PhD program because of unsatisfactory performance on the fall-term qualifying examination may retake the examination at the beginning of winter term.

A student in the PhD program is advanced to candidacy after passing a language examination and the comprehensive examination. To complete the requirements for the PhD, candidates must submit a dissertation, have it read and approved by a dissertation committee, and defend it orally in a formal public meeting.

Language Requirement

The department expects PhD candidates to be able to read mathematical material in a second language selected from French, German, and Russian. Other languages are acceptable in certain fields. To fulfill the language requirement, the student must meet with a faculty member—a doctoral advisor or a member of the PhD committee—to obtain advice for a suitable paper or book. The paper or book should be written in French, German, or Russian and have mathematical material beneficial to the student's area of study. After reading, translating, and understanding the material, the student meets with the faculty member again. The faculty member determines whether the student understands the material. If satisfied, the faculty member deems the requirement met and the decision is added in writing to the student's record.

Comprehensive Examination

This oral examination emphasizes the basic material in the student's general area of interest. A student is expected to take this examination by the end of the second academic year in the PhD program. To be eligible to take this examination, a student must have completed the language examination and nearly all the course work needed for the PhD.

Dissertation

PhD candidates in mathematics must submit a dissertation containing substantial original work in mathematics. Requirements for final defense of the dissertation are those of the Graduate School.

Courses

MATH070. Elementary Algebra. 4 Credits.
Basics of algebra, including arithmetic of signed numbers, order of operations, arithmetic of polynomials, linear equations, word problems, factoring, graphing lines, exponents, radicals. Credit for enrollment (eligibility) but not for graduation; satisfies no university or college requirement. Additional fee.

MATH095. Intermediate Algebra. 4 Credits.
Topics include problem solving, linear equations, systems of equations, polynomials and factoring techniques, rational expressions, radicals and exponents, quadratic equations. Credit for enrollment (eligibility) but not for graduation; satisfies no university or college requirement. Additional fee.
Prereq: MATH 70 or satisfactory placement test score.

MATH105. University Mathematics I. 4 Credits.
Topics include logic, sets and counting, probability, and statistics. Instructors may include historical context of selected topics and applications to finance and biology.
Prereq: MATH 95 or satisfactory placement test score.

MATH106. University Mathematics II. 4 Credits.
Topics include mathematics of finance, applied geometry, exponential growth and decay, and a nontechnical introduction to the concepts of calculus.
Prereq: MATH 95 or satisfactory placement test score.

MATH107. University Mathematics III. 4 Credits.
Topics chosen from modular arithmetic and coding, tilings and symmetry, voting methods, apportionment, fair division, introductory graph theory, or scheduling.
Prereq: MATH 95 or satisfactory placement test score.

MATH111. College Algebra. 4 Credits.
Algebra needed for calculus including graph sketching, algebra of functions, polynomial functions, rational functions, exponential and logarithmic functions, linear and nonlinear functions.
Prereq: MATH 95 or satisfactory placement test score.

MATH112. Elementary Functions. 4 Credits.
Exponential, logarithmic, and trigonometric functions. Intended as preparation for MATH 251.
Prereq: Satisfactory placement test score.

MATH199. Special Studies: [Topic]. 1-5 Credits.
Repeatable.

MATH211. Fundamentals of Elementary Mathematics I. 4 Credits.
Structure of the number system, logical thinking, topics in geometry, simple functions, and basic statistics and probability. Calculators, concrete materials, and problem solving are used when appropriate. Covers the mathematics needed to teach grades K–8. Sequence.
Prereq: MATH 111 or satisfactory placement test score.

MATH212. Fundamentals of Elementary Mathematics II. 4 Credits.
Structure of the number system, logical thinking, topics in geometry, simple functions, and basic statistics and probability. Calculators, concrete materials, and problem solving are used when appropriate. Covers the mathematics needed to teach grades K–8. Sequence.
Prereq: MATH 211, C- or better.

MATH213. Fundamentals of Elementary Mathematics III. 4 Credits.
Structure of the number system, logical thinking, topics in geometry, simple functions, and basic statistics and probability. Calculators, concrete materials, and problem solving are used when appropriate. Covers the mathematics needed to teach grades K–8. Sequence.
Prereq: MATH 212, C- or better.

MATH231. Elements of Discrete Mathematics I. 4 Credits.
Sets, mathematical logic, induction, sequences, and functions. Sequence.
Prereq: MATH 112 or satisfactory placement test score.

MATH232. Elements of Discrete Mathematics II. 4 Credits.
Relations, theory of graphs and trees with applications, permutations and combinations.
Prereq: MATH 231.

MATH233. Elements of Discrete Mathematics III. 4 Credits.
Discrete probability, Boolean algebra, elementary theory of groups and rings with applications.
Prereq: MATH 232.

MATH241. Calculus for Business and Social Science I. 4 Credits.
Introduction to topics in differential and integral calculus including some aspects of the calculus of several variables. Sequence. Students cannot receive credit for both MATH 241 and 251.
Prereq: MATH 111 or satisfactory placement test score; a programmable calculator capable of displaying function graphs.

MATH242. Calculus for Business and Social Science II. 4 Credits.
Introduction to topics in differential and integral calculus including some aspects of the calculus of several variables. Students cannot receive credit for both MATH 242 and 252.
Prereq: MATH 241.

MATH243. Introduction to Methods of Probability and Statistics. 4 Credits.
Discrete and continuous probability, data description and analysis, sampling distributions, emphasizes confidence intervals and hypothesis testing. Students cannot receive credit for both MATH 243 and 425.
Prereq: MATH 95 or satisfactory placement test score; MATH 111 recommended; a programmable calculator capable of displaying function graphs.

MATH246. Calculus for the Biological Sciences I. 4 Credits.
For students in biological science and related fields. Emphasizes modeling and applications to biology. Differential calculus and applications. Sequence. Students cannot receive credit for more than one of MATH 241, 246, 251.
Prereq: MATH 112 or satisfactory placement test score.

MATH247. Calculus for the Biological Sciences II. 4 Credits.
For students in biological science and related fields. Emphasizes modeling and applications to biology. Integral calculus and applications. Students cannot receive credit for more than one of MATH 242, 247, 252.
Prereq: MATH 246.

MATH251. Calculus I. 4 Credits.
Standard sequence for students of physical and social sciences and of mathematics. Differential calculus and applications. Sequence. Students cannot receive credit for more than one of MATH 241, 246, 251.
Prereq: MATH 112 or satisfactory placement test score.

MATH252. Calculus II. 4 Credits.
Standard sequence for students of physical and social sciences and of mathematics. Integral calculus. Sequence. Students cannot receive credit for more than one of MATH 242, 247, 252.
Prereq: MATH 251.

MATH253. Calculus III. 4 Credits.
Standard sequence for students of physical and social sciences and of mathematics. Introduction to improper integrals, infinite sequences and series, Taylor series, and differential equations. Sequence. Students cannot receive credit for more than one of MATH 253, 263.
Prereq: MATH 252.

MATH256. Introduction to Differential Equations. 4 Credits.
Introduction to differential equations and applications. Linear algebra is introduced as needed.
Prereq: MATH 253.

MATH261. Calculus with Theory I. 4 Credits.
Covers both applications of calculus and its theoretical background. Axiomatic treatment of the real numbers, limits, and the least upper bound property.

MATH262. Calculus with Theory II. 4 Credits.
Covers both applications of calculus and its theoretical background. Differential and integral calculus.
Prereq: MATH 261.

MATH263. Calculus with Theory III. 4 Credits.
Covers both applications of calculus and its theoretical background. Sequences and series, Taylor's theorem.
Prereq: MATH 262.

MATH281. Several-Variable Calculus I. 4 Credits.
Introduction to calculus of functions of several variables including partial differentiation; gradient, divergence, and curl; line and surface integrals; Green's and Stokes's theorems. Linear algebra introduced as needed. Sequence.
Prereq: MATH 253.

MATH282. Several-Variable Calculus II. 4 Credits.
Introduction to calculus of functions of several variables including partial differentiation; gradient, divergence, and curl; line and surface integrals; Green's and Stokes's theorems. Linear algebra introduced as needed.
Prereq: MATH 281.

MATH307. Introduction to Proof. 4 Credits.
Proof is how mathematics establishes truth and communicates ideas. Introduces students to proof in the context of interesting mathematical problems.
Prereq: MATH 247 or 252 or 262.

MATH315. Elementary Analysis. 4 Credits.
Rigorous treatment of certain topics introduced in calculus including continuity, differentiation and integration, power series, sequences and series, uniform convergence and continuity.
Prereq: MATH 253 or equivalent; one from MATH 232, 262, 307.

MATH341. Elementary Linear Algebra. 4 Credits.
Vector and matrix algebra; n-dimensional vector spaces; systems of linear equations; linear independence and dimension; linear transformations; rank and nullity; determinants; eigenvalues; inner product spaces; theory of a single linear transformation. Sequence.
Prereq: MATH 252. MATH 253 is recommended.

MATH342. Elementary Linear Algebra. 4 Credits.
Vector and matrix algebra; n-dimensional vector spaces; systems of linear equations; linear independence and dimension; linear transformations; rank and nullity; determinants; eigenvalues; inner product spaces; theory of a single linear transformation.
Prereq: MATH 341.

MATH343. Statistical Models and Methods. 4 Credits.
Review of theory and applications of mathematical statistics including estimation and hypothesis testing.
Prereq: MATH 252.

MATH346. Number Theory. 4 Credits.
Topics include congruences, Chinese remainder theorem, Gaussian reciprocity, basic properties of prime numbers.
Prereq: MATH 253 or equivalent; one from MATH 232, 262, 307.

MATH351. Elementary Numerical Analysis I. 4 Credits.
Basic techniques of numerical analysis and their use on computers. Topics include root approximation, linear systems, interpolation, integration, and differential equations. Sequence.
Prereq: MATH 253 or equivalent; one from MATH 232, 262, 307.

MATH352. Elementary Numerical Analysis II. 4 Credits.
Basic techniques of numerical analysis and their use on computers. Topics include root approximation, linear systems, interpolation, integration, and differential equations.
Prereq: MATH 351.

MATH391. Fundamentals of Abstract Algebra I. 4 Credits.
Introduction to algebraic structures including groups, rings, fields, and polynomial rings. Sequence.
Prereq: MATH 341; one from MATH 232, 262, 307.

MATH392. Fundamentals of Abstract Algebra II. 4 Credits.
Introduction to algebraic structures including groups, rings, fields, and polynomial rings.
Prereq: MATH 391.

MATH393. Fundamentals of Abstract Algebra III. 4 Credits.
Introduction to algebraic structures including groups, rings, fields, and polynomial rings.
Prereq: MATH 392.

MATH394. Geometries from an Advanced Viewpoint I. 4 Credits.
Topics in Euclidean geometry in two and three dimensions including constructions. Emphasizes investigations, proofs, and challenging problems. For prospective secondary and middle school teachers.
Prereq: MATH 253 or equivalent; one from MATH 232, 262, 307.

MATH395. Geometries from an Advanced Viewpoint II. 4 Credits.
Analysis of problems in Euclidean geometry using coordinates, vectors, and the synthetic approach. Transformations in the plane and space and their groups. Introduction to non-Euclidean geometries. For prospective secondary teachers.
Prereq: grade of C- or better in MATH 394.

MATH399. Special Studies: [Topic]. 1-5 Credits.
Repeatable.

MATH401. Research: [Topic]. 1-21 Credits.
Repeatable.

MATH403. Thesis. 1-4 Credits.
Repeatable.

MATH405. Reading and Conference: [Topic]. 1-4 Credits.
Repeatable.

MATH407. Seminar: [Topic]. 1-4 Credits.
Repeatable.

MATH410. Experimental Course: [Topic]. 1-4 Credits.
Repeatable.

MATH411. Functions of a Complex Variable I. 4 Credits.
Complex numbers, linear fractional transformations, Cauchy-Riemann equations, Cauchy's theorem and applications, power series, residue theorem, harmonic functions, contour integration, conformal mapping, infinite products. Sequence.
Prereq: MATH 281; one from MATH 232, 262, 307.

MATH412. Functions of a Complex Variable II. 4 Credits.
Complex numbers, linear fractional transformations, Cauchy-Riemann equations, Cauchy's theorem and applications, power series, residue theorem, harmonic functions, contour integration, conformal mapping, infinite products.
Prereq: MATH 411.

MATH413. Introduction to Analysis I. 4 Credits.
Differentiation and integration on the real line and in a dimensional Euclidean space; normed linear spaces and metric spaces; vector field theory and differential forms. Sequence.
Prereq: MATH 282, 315.

MATH414. Introduction to Analysis II. 4 Credits.
Differentiation and integration on the real line and in a dimensional Euclidean space; normed linear spaces and metric spaces; vector field theory and differential forms.
Prereq: MATH 413.

MATH415. Introduction to Analysis III. 4 Credits.
Differentiation and integration on the real line and in a dimensional Euclidean space; normed linear spaces and metric spaces; vector field theory and differential forms. Sequence.
Prereq: MATH 414.

MATH420. Ordinary Differential Equations. 4 Credits.
Ordinary differential equations. General and initial value problems. Explicit, numerical, graphical solutions; phase portraits. Existence, uniqueness, stability. Power series methods. Gradient flow; periodic solutions.
Prereq: MATH 263 or 315.

MATH421. Partial Differential Equations: Fourier Analysis I. 4 Credits.
Introduction to PDEs; wave and heat equations. Classical Fourier series on the circle; applications of Fourier series. Generalized Fourier series, Bessel and Legendre series.
Prereq: MATH 281 and either MATH 256 or 420.

MATH422. Partial Differential Equations: Fourier Analysis II. 4 Credits.
General theory of PDEs; the Fourier transform. Laplace and Poisson equations; Green's functions and application. Mean value theorem and max-min principle.
Prereq: MATH 421.

MATH425. Statistical Methods I. 4 Credits.
Statistical methods for upper-division and graduate students anticipating research in nonmathematical disciplines. Presentation of data, sampling distributions, tests of significance, confidence intervals, linear regression, analysis of variance, correlation, statistical software. Sequence. Only nonmajors may receive upper-division credit. Students cannot receive credit for both MATH 243 and 425.
Prereq: MATH 111 or satisfactory placement test score.

MATH431. Introduction to Topology. 4 Credits.
Elementary point-set topology with an introduction to combinatorial topology and homotopy. Sequence.
Prereq: MATH 315.

MATH432. Introduction to Topology. 4 Credits.
Elementary point-set topology with an introduction to combinatorial topology and homotopy. Sequence.
Prereq: MATH 431.

MATH433. Introduction to Differential Geometry. 4 Credits.
Plane and space curves, Frenet-Serret formula surfaces. Local differential geometry, Gauss-Bonnet formula, introduction to manifolds.
Prereq: MATH 282, 342; one from MATH 232, 262, 307.

MATH441. Linear Algebra. 4 Credits.
Theory of vector spaces over arbitrary fields, theory of a single linear transformation, minimal polynomials, Jordan and rational canonical forms, quadratic forms, quotient spaces.
Prereq: MATH 342; one from MATH 232, 262, 307.

MATH444. Introduction to Abstract Algebra I. 4 Credits.
Theory of groups, rings, and fields. Polynomial rings, unique factorization, and Galois theory. Sequence.
Prereq: MATH 342; one from MATH 232, 262, 307.

MATH445. Introduction to Abstract Algebra II. 4 Credits.
Theory of groups, rings, and fields. Polynomial rings, unique factorization, and Galois theory.
Prereq: MATH 444.

MATH446. Introduction to Abstract Algebra III. 4 Credits.
Theory of groups, rings, and fields. Polynomial rings, unique factorization, and Galois theory.
Prereq: MATH 445.

MATH456. Networks and Combinatorics. 4 Credits.
Fundamentals of modern combinatorics; graph theory; networks; trees; enumeration, generating functions, recursion, inclusion and exclusion; ordered sets, lattices, Boolean algebras.
Prereq: MATH 231 or 346; one from MATH 232, 262, 307.

MATH457. Discrete Dynamical Systems. 4 Credits.
Linear and nonlinear first-order dynamical systems; equilibrium, cobwebs, Newton's method. Bifurcation and chaos. Introduction to higher-order systems. Applications to economics, genetics, ecology.
Prereq: MATH 256; one from MATH 232, 262, 307.

MATH458. Introduction to Mathematical Cryptography. 4 Credits.
Mathematical theory of public key cryptography. Finite field arithmetic, RSA and Diffie-Hellman algorithms, elliptic curves, generation of primes, factorization techniques. Offered alternate years.
Prereq: MATH 341.

MATH461. Introduction to Mathematical Methods of Statistics I. 4 Credits.
Discrete and continuous probability models; useful distributions; applications of moment-generating functions; sample theory with applications to tests of hypotheses, point and confidence interval estimates. Sequence.
Prereq: MATH 253 or 263; one from MATH 232, 262, 307.

MATH462. Introduction to Mathematical Methods of Statistics II. 4 Credits.
Discrete and continuous probability models; useful distributions; applications of moment-generating functions; sample theory with applications to tests of hypotheses, point and confidence interval estimates.
Prereq: MATH 461.

MATH463. Mathematical Methods of Regression Analysis and Analysis of Variance. 4 Credits.
Multinomial distribution and chi-square tests of fit, simple and multiple linear regression, analysis of variance and covariance, methods of model selection and evaluation, use of statistical software.
Prereq: MATH 342, MATH 462.

MATH467. Stochastic Processes. 4 Credits.
Basics of stochastic processes including Markov chains, martingales, Poisson processes, Brownian motion and their applications.
Prereq: MATH 341, MATH 461.

MATH503. Thesis. 1-12 Credits.
Repeatable.

MATH507. Seminar: [Topic]. 1-4 Credits.
Repeatable.

MATH510. Experimental Course: [Topic]. 1-4 Credits.
Repeatable.

MATH511. Functions of a Complex Variable I. 4 Credits.
Complex numbers, linear fractional transformations, Cauchy-Riemann equations, Cauchy's theorem and applications, power series, residue theorem, harmonic functions, contour integration, conformal mapping, infinite products. Sequence.

MATH512. Functions of a Complex Variable II. 4 Credits.
Complex numbers, linear fractional transformations, Cauchy-Riemann equations, Cauchy's theorem and applications, power series, residue theorem, harmonic functions, contour integration, conformal mapping, infinite products.
Prereq: MATH 411/511.

MATH513. Introduction to Analysis I. 4 Credits.
Differentiation and integration on the real line and in a dimensional Euclidean space; normed linear spaces and metric spaces; vector field theory and differential forms. Sequence.

MATH514. Introduction to Analysis II. 4 Credits.
Differentiation and integration on the real line and in a dimensional Euclidean space; normed linear spaces and metric spaces; vector field theory and differential forms. Sequence.
Prereq: MATH 413/513.

MATH515. Introduction to Analysis III. 4 Credits.
Differentiation and integration on the real line and in a dimensional Euclidean space; normed linear spaces and metric spaces; vector field theory and differential forms. Sequence.
Prereq: MATH 414/514.

MATH520. Ordinary Differential Equations. 4 Credits.
Ordinary differential equations. General and initial value problems. Explicit, numerical, graphical solutions; phase portraits. Existence, uniqueness, stability. Power series methods. Gradient flow; periodic solutions.

MATH521. Partial Differential Equations: Fourier Analysis I. 4 Credits.
Introduction to PDEs; wave and heat equations. Classical Fourier series on the circle; applications of Fourier series. Generalized Fourier series, Bessel and Legendre series.
Prereq: MATH 420/520.

MATH522. Partial Differential Equations: Fourier Analysis II. 4 Credits.
General theory of PDEs; the Fourier transform. Laplace and Poisson equations; Green's functions and application. Mean value theorem and max-min principle.
Prereq: MATH 421/521.

MATH525. Statistical Methods I. 4 Credits.
Statistical methods for upper-division and graduate students anticipating research in nonmathematical disciplines. Presentation of data, sampling distributions, tests of significance, confidence intervals, linear regression, analysis of variance, correlation, statistical software. Sequence. Only nonmajors may receive graduate credit.

MATH531. Introduction to Topology. 4 Credits.
Elementary point-set topology with an introduction to combinatorial topology and homotopy. Sequence.

MATH532. Introduction to Topology. 4 Credits.
Elementary point-set topology with an introduction to combinatorial topology and homotopy. Sequence.
Prereq: MATH 431/531.

MATH533. Introduction to Differential Geometry. 4 Credits.
Plane and space curves, Frenet-Serret formula surfaces. Local differential geometry, Gauss-Bonnet formula, introduction to manifolds.

MATH541. Linear Algebra. 4 Credits.
Theory of vector spaces over arbitrary fields, theory of a single linear transformation, minimal polynomials, Jordan and rational canonical forms, quadratic forms, quotient spaces.

MATH544. Introduction to Abstract Algebra I. 4 Credits.
Theory of groups, rings, and fields. Polynomial rings, unique factorization, and Galois theory. Sequence.

MATH545. Introduction to Abstract Algebra II. 4 Credits.
Theory of groups, rings, and fields. Polynomial rings, unique factorization, and Galois theory.
Prereq: MATH 444/544.

MATH546. Introduction to Abstract Algebra III. 4 Credits.
Theory of groups, rings, and fields. Polynomial rings, unique factorization, and Galois theory.
Prereq: MATH 445/545.

MATH556. Networks and Combinatorics. 4 Credits.
Fundamentals of modern combinatorics; graph theory; networks; trees; enumeration, generating functions, recursion, inclusion and exclusion; ordered sets, lattices, Boolean algebras.

MATH557. Discrete Dynamical Systems. 4 Credits.
Linear and nonlinear first-order dynamical systems; equilibrium, cobwebs, Newton's method. Bifurcation and chaos. Introduction to higher-order systems. Applications to economics, genetics, ecology.

MATH561. Introduction to Mathematical Methods of Statistics I. 4 Credits.
Discrete and continuous probability models; useful distributions; applications of moment-generating functions; sample theory with applications to tests of hypotheses, point and confidence interval estimates. Sequence.

MATH562. Introduction to Mathematical Methods of Statistics II. 4 Credits.
Discrete and continuous probability models; useful distributions; applications of moment-generating functions; sample theory with applications to tests of hypotheses, point and confidence interval estimates.
Prereq: MATH 461/561.

MATH563. Mathematical Methods of Regression Analysis and Analysis of Variance. 4 Credits.
Multinomial distribution and chi-square tests of fit, simple and multiple linear regression, analysis of variance and covariance, methods of model selection and evaluation, use of statistical software.
Prereq: MATH 462/562.

MATH567. Stochastic Processes. 4 Credits.
Basics of stochastic processes including Markov chains, martingales, Poisson processes, Brownian motion and their applications.
Prereq: MATH 561.

MATH601. Research: [Topic]. 1-9 Credits.
Repeatable.

MATH602. Supervised College Teaching. 1-16 Credits.
Repeatable.

MATH603. Dissertation. 1-16 Credits.
Repeatable.

MATH605. Reading and Conference: [Topic]. 1-5 Credits.
Repeatable.

MATH607. Seminar: [Topic]. 1-5 Credits.
Repeatable. Topics include Advanced Topics in Geometry, Ring Theory, Teaching Mathematics.

MATH616. Real Analysis. 4-5 Credits.
Measure and integration theory, differentiation, and functional analysis with point-set topology as needed. Sequence.

MATH617. Real Analysis. 4-5 Credits.
Measure and integration theory, differentiation, and functional analysis with point-set topology as needed. Sequence.
Prereq: MATH 616.

MATH618. Real Analysis. 4-5 Credits.
Measure and integration theory, differentiation, and functional analysis with point-set topology as needed. Sequence.
Prereq: MATH 617.

MATH619. Complex Analysis. 4-5 Credits.
The theory of Cauchy, power series, contour integration, entire functions, and related topics.

MATH634. Algebraic Topology. 4-5 Credits.
Development of homotopy, homology, and cohomology with point-set topology as needed. Sequence.

MATH635. Algebraic Topology. 4-5 Credits.
Development of homotopy, homology, and cohomology with point-set topology as needed. Sequence.
Prereq: MATH 634.

MATH636. Algebraic Topology. 4-5 Credits.
Development of homotopy, homology, and cohomology with point-set topology as needed. Sequence.
Prereq: MATH 635.

MATH637. Differential Geometry. 4-5 Credits.
Topics include curvature and torsion, Serret-Frenet formulas, theory of surfaces, differentiable manifolds, tensors, forms and integration. Sequence.

MATH638. Differential Geometry. 4-5 Credits.
Topics include curvature and torsion, Serret-Frenet formulas, theory of surfaces, differentiable manifolds, tensors, forms and integration. Sequence.
Prereq: MATH 637.

MATH639. Differential Geometry. 4-5 Credits.
Topics include curvature and torsion, Serret-Frenet formulas, theory of surfaces, differentiable manifolds, tensors, forms and integration. Sequence.

MATH647. Abstract Algebra. 4-5 Credits.
Group theory, fields, Galois theory, algebraic numbers, matrices, rings, algebras. Sequence.

MATH648. Abstract Algebra. 4-5 Credits.
Group theory, fields, Galois theory, algebraic numbers, matrices, rings, algebras. Sequence.
Prereq: MATH 647.

MATH649. Abstract Algebra. 4-5 Credits.
Group theory, fields, Galois theory, algebraic numbers, matrices, rings, algebras. Sequence.
Prereq: MATH 648.

MATH672. Theory of Probability. 4-5 Credits.
Measure and integration, probability spaces, laws of large numbers, central-limit theory, conditioning, martingales, random walks.
Prereq: MATH 671.

MATH673. Theory of Probability. 4-5 Credits.
Measure and integration, probability spaces, laws of large numbers, central-limit theory, conditioning, martingales, random walks.
Prereq: MATH 672.

MATH681. Advanced Algebra: [Topic]. 4-5 Credits.
Repeatable. Topics selected from theory of finite groups, representations of finite groups, Lie groups, Lie algebras, algebraic groups, ring theory, algebraic number theory.

MATH682. Advanced Algebra: [Topic]. 4-5 Credits.
Repeatable. Topics selected from theory of finite groups, representations of finite groups, Lie groups, Lie algebras, algebraic groups, ring theory, algebraic number theory.

MATH683. Advanced Algebra: [Topic]. 4-5 Credits.
Repeatable. Topics selected from theory of finite groups, representations of finite groups, Lie groups, Lie algebras, algebraic groups, ring theory, algebraic number theory.

MATH684. Advanced Analysis: [Topic]. 4-5 Credits.
Repeatable. Topics selected from Banach algebras, operator theory, functional analysis, harmonic analysis on topological groups, theory of distributions.

MATH685. Advanced Analysis: [Topic]. 4-5 Credits.
Repeatable. Topics selected from Banach algebras, operator theory, functional analysis, harmonic analysis on topological groups, theory of distributions.

MATH686. Advanced Analysis: [Topic]. 4-5 Credits.
Repeatable. Topics selected from Banach algebras, operator theory, functional analysis, harmonic analysis on topological groups, theory of distributions.

MATH690. Advanced Geometry and Topology: [Topic]. 4-5 Credits.
Repeatable. Topics selected from classical and local differential geometry; symmetric spaces; low-dimensional topology; differential topology; global analysis; homology, cohomology, and homotopy; differential analysis and singularity theory; knot theory.

MATH691. Advanced Geometry and Topology: [Topic]. 4-5 Credits.
Repeatable. Topics selected from classical and local differential geometry; symmetric spaces; low-dimensional topology; differential topology; global analysis; homology, cohomology, and homotopy; differential analysis and singularity theory; knot theory.

MATH692. Advanced Geometry and Topology: [Topic]. 4-5 Credits.
Repeatable. Topics selected from classical and local differential geometry; symmetric spaces; low-dimensional topology; differential topology; global analysis; homology, cohomology, and homotopy; differential analysis and singularity theory; knot theory.

Mathematics and Computer Science

Arkady Vaintrob and Christopher B. Wilson, Advisors

The undergraduate major in mathematics and computer science leads to a bachelor of arts or bachelor of science degree. The major combines elements of the mathematics and computer and information science curricula into a four-year program that offers an alternative to the undergraduate degree programs in either field. It serves students who want knowledge in both fields but are not ready to specialize in either. The courses selected for the program provide a solid foundation for professional work or for advanced study.

The program is designed to develop team players for information-based occupations. Its graduates have the tools to analyze complex problems and compute the answers to them. Consistent with its emphasis on teamwork and communication, the program requires college-level exposure to an additional scientific field and an upper-division writing course.

Students with strong mathematics backgrounds in high school are frequently advised to major in computer science at the university, often without a clear idea of what the field of study is actually like. The joint major program offers such students the chance to experiment with computer science while retaining the anchor to mathematics. It also allows students the possibility of changing easily to the single-major program in either mathematics or CISwith no loss of credit and, at least through the junior year, without jeopardizing degree completion in four years.

Careers

Graduates with this major can enter industrial positions that require computer science skills and mathematical problem-solving ability. They are particularly well suited for positions in the high-performance computing industry, developing the software tools for large-scale scientific computation. The combination of mathematics and computer science forms an excellent professional background for secondary-school mathematics teachers, and the major program also provides a solid foundation for actuarial, financial, and related professions. Graduates are also prepared to enter advanced programs of study in either mathematics or computer science, or in applied areas such as biological computational science.

Preparation

A high school student planning to major in mathematics and computer science should pursue a strong academic program with four years of mathematics. Courses in algebra, geometry, trigonometry, and more advanced topics should be included. Experience preparing substantial written reports is highly desirable.

Transfer Students

College transfer students who have completed a year of calculus should be able to fit the remaining mathematics courses for the degree into just two years, provided that they have already completed the bulk of their general-education requirements before they transfer.

Transfer students should call or write to the Department of Computer and Information Science to determine whether computer courses they have taken can be counted toward the joint major requirements. Sequential subjects such as mathematics and computer science typically require several years to progress from introductory to senior-level courses. The joint program lets students move forward in both fields at once with limited prerequisites, making it relatively accessible to transfer students and to students who change from other major programs. Students who want to pursue the material in greater depth need to consider prerequisite paths carefully.

Students attending community college in Oregon are encouraged to obtain the Associate of Arts Oregon Transfer degree before entering the University of Oregon. While earning this degree, community college transfer students should take as much discrete mathematics, calculus, and computer science as possible, and also try to complete the science requirement for the major. The associate degree does not automatically satisfy the science requirement for this major.

Faculties and Facilities

The faculties and facilities in both the mathematics and the computer and information science departments are available to students in the combined major program. For detailed descriptions, see those sections of this catalog. Information is also available online.

Honors Program

Both of the cooperating departments offer departmental honors programs to their undergraduate majors. After obtaining advance approval from both of their advisors, students in the joint degree program are eligible to attain honors in mathematics and computer science by meeting the honors requirements of either department, including writing a thesis.

Preparation for Kindergarten through Secondary School Teaching Careers

The College of Education offers a fifth-year program for middle-secondary licensure in mathematics and for elementary teaching. More information is available from the mathematics department's education advisor, Shlomo Libeskind; see also the **College of Education** section of this catalog.

Minor

Minors are offered by the Department of Mathematics and the Department of Computer and Information Science. There is no joint minor in mathematics and computer science.

- **Bachelor of Arts**
- **Bachelor of Science**

Undergraduate Studies

Bachelor of Arts Degree Requirements

Core Courses		
CIS210–212	Computer Science I-III	12
MATH231–232	Elements of Discrete Mathematics I-II	8
MATH251–253	Calculus I-III	12
orMATH261–263	Calculus with Theory I-III	
Mathematics Requirements		
MATH315	Elementary Analysis	4
MATH341–342	Elementary Linear Algebra	8
MATH351–352	Elementary Numerical Analysis I-II	8
orMATH461–462	Introduction to Mathematical Methods of Statistics I-II	
Upper-level mathematics course [1]		4
Computer and Information Science		
CIS313	Intermediate Data Structures	4
CIS314	Computer Organization	4
CIS315	Intermediate Algorithms	4
CIS425	Principles of Programming Languages	4
Select one of the following:		4
CIS330	C/C++ and Unix	
CIS420	Automata Theory	
CIS422	Software Methodology I	
Two other upper-division CIS courses [2]		8
Writing Requirements		
WR320	Scientific and Technical Writing	4
orWR321	Business Communications	
Science Requirements		
Select 12 credits from the following:		12
Biology [3]		
BI211,213	General Biology I,III	
orBI211–212	General Biology I-II	
Chemistry [3]		
CH111	Introduction to Chemical Principles	
orCH113	The Chemistry of Sustainability	
orCH221	General Chemistry	
orCH224H	Honors General Chemistry	
CH221–223	General Chemistry	
orCH224H–226H	Honors General Chemistry	
Geography		
GEOG141	The Natural Environment	
Select two of the following:		
GEOG321	Climatology	
GEOG322	Geomorphology	
GEOG323	Biogeography	
Geological Sciences		
GEOL201	Earth's Interior Heat and Dynamics	
GEOL202	Earth Surface and Environmental Geology	

GEOL203	Evolution of the Earth	
Physics [3]		
PHYS201–203	General Physics	
orPHYS251–253	Foundations of Physics I	
Psychology		
PSY201	Mind and Brain	
PSY202	Mind and Society	
Select one of the following:		
PSY304	Biopsychology	
PSY330	Thinking	
PSY348	Music and the Brain	
Total Credits		**100**

1 Excludes Statistical Methods I-II (MATH425–426)

2 Special Studies: [Topic] (CIS399) and Experimental Course: [Topic] (CIS410)courses used as electives must have a prerequisite of Intermediate Data Structures (CIS313) and have regular class meetings and homework assignments. At least one course must be numbered 410 or above.

3 Students are encouraged to complete the accompanying lab courses.

Bachelor of Science Degree Requirements

Core Courses		
CIS210–212	Computer Science I-III	12
MATH231–232	Elements of Discrete Mathematics I-II	8
MATH251–253	Calculus I-III	12
orMATH261–263	Calculus with Theory I-III	
Mathematics Requirements		
MATH315	Elementary Analysis	4
MATH341–342	Elementary Linear Algebra	8
MATH351–352	Elementary Numerical Analysis I-II	8
orMATH461–462	Introduction to Mathematical Methods of Statistics I-II	
Upper-level mathematics course [1]		4
Computer and Information Science		
CIS313	Intermediate Data Structures	4
CIS314	Computer Organization	4
CIS315	Intermediate Algorithms	4
CIS425	Principles of Programming Languages	4
Select one of the following:		4
CIS330	C/C++ and Unix	
CIS420	Automata Theory	
CIS422	Software Methodology I	
Two other upper-division CIS courses [2]		8
Writing Requirements		
WR320	Scientific and Technical Writing	4
orWR321	Business Communications	
Science Requirements		
Select 12 credits from the following:		12
Biology [3]		
BI211,213	General Biology I,III	
orBI211–212	General Biology I-II	
Chemistry [3]		
CH111	Introduction to Chemical Principles	
orCH113	The Chemistry of Sustainability	
orCH221	General Chemistry	
orCH224H	Honors General Chemistry	
CH221–223	General Chemistry	
orCH224H–226H	Honors General Chemistry	
Geography		
GEOG141	The Natural Environment	
Select two of the following:		
GEOG321	Climatology	
GEOG322	Geomorphology	
GEOG323	Biogeography	
Geological Sciences		
GEOL201	Earth's Interior Heat and Dynamics	
GEOL202	Earth Surface and Environmental Geology	
GEOL203	Evolution of the Earth	
Physics [3]		
PHYS201–203	General Physics	
orPHYS251–253	Foundations of Physics I	
Psychology		
PSY201	Mind and Brain	
PSY202	Mind and Society	
Select one of the following:		
PSY304	Biopsychology	
PSY330	Thinking	
PSY348	Music and the Brain	
Total Credits		**100**

1 Excludes Statistical Methods I-II (MATH425–426)

2 Special Studies: [Topic] (CIS399) and Experimental Course: [Topic] (CIS410)courses used as electives must have a prerequisite of Intermediate Data Structures (CIS313) and have regular class meetings and homework assignments. At least one course must be numbered 410 or above.

3 Students are encouraged to complete the accompanying lab courses.

Additional Bachelor Requirements

Students must earn no grade below a mid-C in required lower division math and computer science courses for automatic advancement to upper division courses. At least 12 of the mathematics upper-division credits applied to the degree must be taken in residence at the university. The science courses may be taken pass/no pass (P/N) or for letter grades.

Advising and Program Planning

Each major is assigned two advisors, one in the Department of Mathematics and one in the Department of Computer and Information Science. One of the two is designated as the advisor of record for the student, but both cooperate in planning the student's program. Because of the interrelationship between mathematics and computer science courses, it is especially important that a student planning for the combined major consult closely with both advisors. Since both

mathematics and computer science are sequential subjects, prerequisite planning should be discussed with the student's advisors.

Programming Experience

Students who take Computer Science I-III (CIS210–212) are expected to have programming experience, which may have been acquired in a high school course, through employment, or in a course such as Introduction to Programming and Problem Solving (CIS122). Students who are unsure about their level of preparation should meet with a CISadvisor.

Sequence of Courses

Elements of Discrete Mathematics I-II (MATH231–232) and Computer Science I-III (CIS210–212) go well together, as do calculus and physics. Students with advanced placement credit in calculus and programming experience may want to take Elements of Discrete Mathematics I-II (MATH231–232) and Computer Science I-III (CIS210–212)in the freshman year. Students with little or no programming experience should plan to take Introduction to Programming and Problem Solving (CIS122), Calculus I-III (MATH251–253), and the major science requirement in the freshman year. In the sophomore year, students should take whichever of calculus or computer science was not taken freshman year, and continue into the 300 level of the branch that was taken.

Major Progress Review and Major in Good Standing

Each major must meet with a CIS advisor to file a Major Progress Review form after completing 12 credits of the upper-division core, including at least one course from each department. Mathematics and computer science courses used to satisfy upper-division major requirements must be taken for letter grades and passed with grades of C– or better. At least 12 of the upper-division mathematics credits and 12 of the upper-division computer and information science credits applied to the degree must be taken in residence at the university. A student who receives two grades below C– in the upper-division core is removed from the major.

MATH315	Elementary Analysis	4
MATH341–342	Elementary Linear Algebra	8
CIS313	Intermediate Data Structures	4
CIS314	Computer Organization	4
CIS315	Intermediate Algorithms	4
CIS425	Principles of Programming Languages	4
One of the following:		4
CIS330	C/C++ and Unix	
CIS420	Automata Theory	
CIS422	Software Methodology I	

Courses

CIS105. Explorations in Computing. 4 Credits.
Overview of basic ideas and areas of computer science: includes algorithms, hardware, machine organization, programming languages, networks, artificial intelligence, and associated ethical issues.

CIS110. Fluency with Information Technology. 4 Credits.
Introduction to information technology (IT), the study of computer-based information systems. Basics of the Internet and World Wide Web. Students create websites using XHTML and CSS.

CIS111. Introduction to Web Programming. 4 Credits.
Project-based approach to learning computer programming by building interactive web pages using JavaScript and XHTML. Programming concepts including structured and object-oriented program design. CIS 110 recommended preparation.

CIS115. Multimedia Web Programming. 4 Credits.
Intermediate web programming with an emphasis on HTML5 multimedia: two-dimensional graphics, image processing, animation, video, user interaction, geolocation. Continuing JavaScript, DOM, Ajax, and JSON use, programming fundamentals, and debugging techniques.
Prereq: CIS 111.

CIS122. Introduction to Programming and Problem Solving. 4 Credits.
Computational problem solving, algorithm design, data structures, and programming using a multi-paradigm programming language. Introduces techniques for program design, testing, and debugging.

CIS196. Field Studies: [Topic]. 1-2 Credits.
Repeatable.

CIS198. Workshop: [Topic]. 1-2 Credits.
Repeatable.

CIS199. Special Studies in Computer Science: [Topic]. 1-5 Credits.
Repeatable.

CIS210. Computer Science I. 4 Credits.
Basic concepts and practices of computer science. Topics include algorithmic problem solving, levels of abstraction, object-oriented design and programming, software organization, analysis of algorithm and data structures. Sequence.
Prereq: programming experience and MATH 112.

CIS211. Computer Science II. 4 Credits.
Basic concepts and practices of computer science. Topics include algorithmic problem solving, levels of abstraction, object-oriented design and programming, software organization, analysis of algorithm and data structures. Sequence.
Prereq: CIS 210.

CIS212. Computer Science III. 4 Credits.
Basic concepts and practices of computer science. Topics include algorithmic problem solving, levels of abstraction, object-oriented design and programming, software organization, analysis of algorithm and data structures. Sequence.
Prereq: CIS 211.

CIS313. Intermediate Data Structures. 4 Credits.
Design and analysis of data structures as means of engineering efficient software; attention to data abstraction and encapsulation. Lists, trees, heaps, stacks, queues, dictionaries, priority queues.
Prereq: CIS 212, MATH 232 with grades of B- or better.

CIS314. Computer Organization. 4 Credits.
Introduction to computer organization and instruction-set architecture--digital logic design, binary arithmetic, design of central processing unit and memory, machine-level programming.
Prereq: CIS 212, MATH 231 with grades of B- or better.

CIS315. Intermediate Algorithms. 4 Credits.
Algorithm design, worst-case and average-behavior analysis, correctness, computational complexity.
Prereq: CIS 313.

CIS330. C/C++ and Unix. 4 Credits.
Practical software design and programming activities in a C/C++ and Unix environment, with emphasis on the details of C/C++ and good programming style and practices.
Prereq: CIS 314.

CIS399. Special Studies: [Topic]. 1-5 Credits.
Repeatable.

CIS401. Research: [Topic]. 1-21 Credits.
Repeatable.

CIS403. Thesis. 1-12 Credits.
Repeatable.

CIS404. Internship; [Topic]. 1-4 Credits.
Repeatable.
Prereq: CIS 313.

CIS405. Reading and Conference: [Topic]. 1-12 Credits.
Repeatable.

CIS406. Field Studies: [Topic]. 1-21 Credits.
Repeatable.

CIS407. Seminar: [Topic]. 1-5 Credits.
Repeatable. Opportunity to study in greater depth specific topics arising out of other courses.

CIS408. Workshop: [Topic]. 1-21 Credits.
Repeatable.

CIS409. Practicum: [Topic]. 1-2 Credits.
The student assists other students who are enrolled in introductory programming classes. For each four hours of scheduled weekly consulting, the student is awarded 1 credit. Repeatable for maximum of 4 credits.

CIS410. Experimental Course: [Topic]. 1-5 Credits.
Repeatable.

CIS413. Advanced Data Structures. 4 Credits.
Complex structures, storage management, sorting and searching, hashing, storage of texts, and information compression.
Prereq: CIS 315.

CIS415. Operating Systems. 4 Credits.
Principles of operating system design. Process and memory management, concurrency, scheduling, input-output and file systems, security.
Prereq: CIS 330.

CIS420. Automata Theory. 4 Credits.
Provides a mathematical basis for computability and complexity. Models of computation, formal languages, Turing machines, solvability. Nondeterminism and complexity classes.
Prereq: CIS 315.

CIS422. Software Methodology I. 4 Credits.
Technical and nontechnical aspects of software development, including specification, planning, design, development, management and maintenance of software projects. Student teams complete projects.
Prereq: CIS 313.

CIS423. Software Methodology II. 4 Credits.
Application of concepts and methodologies covered in CIS 422/522. Student teams complete a large system design and programming project. Final system specification, test plan, user documentation, and system walk throughs.
Prereq: CIS 422.

CIS425. Principles of Programming Languages. 4 Credits.
Syntax and semantics. Scope rules, environments, stores, denoted and expressed values, procedures, and parameters. Definitional interpreters. Types, overloading, parametric polymorphism, and inheritance. Varieties of abstraction.
Prereq: CIS 315.

CIS427. Introduction to Logic. 4 Credits.
Basic notions of logic: propositional logic, first-order logic, Hilbert systems, sequent calculus, natural deduction. Soundness, completeness, undecidability. Current research in logic frameworks, automated deduction, Curry-Howard isomorphism.
Pre- or coreq: CIS 425.

CIS429. Computer Architecture. 4 Credits.
RISC (reduced instruction-set computer) and CISC (complex instruction-set computer) design, storage hierarchies, high-performance processor design, pipelining, vector processing, networks, performance analysis.
Prereq: CIS 330.

CIS432. Introduction to Networks. 4 Credits.
Principles of computer network design. Link technologies, packet switching, routing, inter-networking, reliability. Internet protocols. Programming assignments focus on protocol design.
Prereq: CIS 330. CIS 415 recommended.

CIS433. Computer and Network Security. 4 Credits.
Security for various aspects of computers and networks. Elementary cryptography, program security, trusted operating systems, network security, privacy, and legal and ethical issues.
Prereq: CIS 415.

CIS441. Introduction to Computer Graphics. 4 Credits.
Introduction to the hardware, geometrical transforms, interaction techniques, and shape representation schemes that are important in interactive computer graphics. Programming assignments using contemporary graphics hardware and software systems.
Prereq: CIS 330.

CIS443. User Interfaces. 4 Credits.
Introduction to user interface software engineering. Emphasis on theory of interface design, understanding the behavior of the user, and implementing programs on advanced systems.
Prereq: CIS 313.

CIS445. Modeling and Simulation. 4 Credits.
Theoretical foundations and practical problems for the modeling and computer simulation of discrete and continuous systems. Simulation languages, empirical validation, applications in computer science.
Prereq: CIS 315, 330.

CIS451. Database Processing. 4 Credits.
Fundamental concepts of DBMS. Data modeling, relational models and normal forms. File organization and index structures. SQL, embedded SQL, and concurrency control.
Prereq: CIS 313, 314.

CIS452. Database Issues. 4 Credits.
Covers central database issues such as access methods, security, tuning, and concurrency control. Examines alternative database models.
Prereq: CIS 451.

CIS453. Data Mining. 4 Credits.
Databases, machine learning, artificial intelligence, statistics, and data visualization. Examines data warehouses, data preprocessing, association and classification rule mining, and cluster analysis.
Prereq: CIS 451/551.

CIS454. Bioinformatics. 4 Credits.
Introduction to bioinformatics from a computer science perspective covering algorithms for basic operations such as sequence comparison and phylogenetic inference on existing databases.

CIS461. Introduction to Compilers. 4 Credits.
Lexical analysis, parsing, attribution, code generation.
Prereq: CIS 314, 425. CIS 420 strongly recommended.

CIS471. Introduction to Artificial Intelligence. 4 Credits.
Basic themes, issues, and techniques of artificial intelligence, including agent architecture, knowledge representation and reasoning, problem solving and planning, game playing, and learning.
Prereq: CIS 315.

CIS472. Machine Learning. 4 Credits.
A broad introduction to machine learning and its established algorithms. Topics include concept learning, decision trees, neural network.
Prereq: CIS 315.

CIS490. Computer Ethics. 4 Credits.
Addresses ethical issues and social impacts of computing. Topics include crime, hacking, intellectual property, privacy, software reliability, employment, and worldwide networks.

CIS503. Thesis. 1-16 Credits.
Repeatable.

CIS507. Seminar: [Topic]. 1-5 Credits.
Repeatable. Opportunity to study in greater depth specific topics arising out of other courses.

CIS508. Workshop: [Topic]. 1-21 Credits.
Repeatable.

CIS510. Experimental Course: [Topic]. 1-5 Credits.
Repeatable.

CIS513. Advanced Data Structures. 4 Credits.
Complex structures, storage management, sorting and searching, hashing, storage of texts, and information compression.

CIS520. Automata Theory. 4 Credits.
Provides a mathematical basis for computability and complexity. Models of computation, formal languages, Turing machines, solvability. Nondeterminism and complexity classes.

CIS522. Software Methodology I. 4 Credits.
Technical and nontechnical aspects of software development, including specification, planning, design, development, management and maintenance of software projects. Student teams complete projects.

CIS523. Software Methodology II. 4 Credits.
Student teams complete a large system design and programming project. Final system specifications, test plan, user documentation, and system walk-through.
Prereq: CIS 522

CIS527. Introduction to Logic. 4 Credits.
Basic notions of logic: propositional logic, first-order logic, Hilbert systems, sequent calculus, natural deduction. Soundness, completeness, undecidability. Current research in logic frameworks, automated deduction, Curry-Howard isomorphism.

CIS529. Computer Architecture. 4 Credits.
RISC (reduced instruction-set computer) and CISC (complex instruction-set computer) design, storage hierarchies, high-performance processor design, pipelining, vector processing, networks, performance analysis.

CIS532. Introduction to Networks. 4 Credits.
Principles of computer network design. Link technologies, packet switching, routing, inter-networking, reliability. Internet protocols. Programming assignments focus on protocol design.

CIS533. Computer and Network Security. 4 Credits.
Security for various aspects of computers and networks. Elementary cryptography,program security, trusted operating systems, network security, privacy, and legal and ethical issues.

CIS541. Introduction to Computer Graphics. 4 Credits.
Introduction to the hardware, geometrical transforms, interaction techniques, and shape representation schemes that are important in interactive computer graphics. Programming assignments using contemporary graphics hardware and software systems.

CIS543. User Interfaces. 4 Credits.
Introduction to user interface software engineering. Emphasis on theory of interface design, understanding the behavior of the user, and implementing programs on advanced systems.

CIS545. Modeling and Simulation. 4 Credits.
Theoretical foundations and practical problems for the modeling and computer simulation of discrete and continuous systems. Simulation languages, empirical validation, applications in computer science.

CIS551. Database Processing. 4 Credits.
Fundamental concepts of DBMS. Data modeling, relational models and normal forms. File organization and index structures. SQL, embedded SQL, and concurrency control.

CIS552. Database Issues. 4 Credits.
Covers central database issues such as access methods, security, tuning, and concurrency control. Examines alternative database models.
Prereq: CIS 4/551.

CIS553. Data Mining. 4 Credits.
Databases, machine learning, artificial intelligence, statistics, and data visualization. Examines data warehouses, data preprocessing, association and classification rule mining, and cluster analysis.
Prereq: CIS 451/551.

CIS554. Bioinformatics. 4 Credits.
Introduction to bioinformatics from a computer science perspective covering algorithms for basic operations such as sequence comparison and phylogenetic inference on existing databases.

CIS561. Introduction to Compilers. 4 Credits.
Lexical analysis, parsing, attribution, code generation.
Prereq: CIS 314 or equivalent, 624. CIS 420/520 strongly recommended.

CIS571. Introduction to Artificial Intelligence. 4 Credits.
Basic themes, issues, and techniques of artificial intelligence, including agent architecture, knowledge representation and reasoning, problem solving and planning, game playing, and learning.

CIS572. Machine Learning. 4 Credits.
A broad introduction to machine learning and its established algorithms. Topics include concept learning, decision trees, neural network.

CIS590. Computer Ethics. 4 Credits.
Addresses ethical issues and social impacts of computing. Topics include crime, hacking, intellectual property, privacy, software reliability, employment, and worldwide networks.

CIS601. Research: [Topic]. 1-16 Credits.
Repeatable.

CIS602. Supervised College Teaching. 1-5 Credits.
Repeatable.

CIS603. Dissertation. 1-16 Credits.
Repeatable.

CIS604. Internship: [Topic]. 1-4 Credits.
Repeatable.

CIS605. Reading and Conference: [Topic]. 1-16 Credits.
Repeatable.

CIS606. Field Studies: [Topic]. 1-16 Credits.
Repeatable.

CIS607. Seminar: [Topic]. 1-5 Credits.
Repeatable. Research topics are presented.

CIS608. Colloquium: [Topic]. 1 Credit.
Repeatable.

CIS609. Final Project. 1-16 Credits.
Repeatable. Final project for master's degree without thesis.

CIS610. Experimental Course: [Topic]. 1-5 Credits.
Repeatable.

CIS621. Algorithms and Complexity. 4 Credits.
Design and analysis of algorithms, strategies for efficient algorithms, introduction to complexity theory including NP-completeness.
Prereq: CIS 420/520 strongly recommended.

CIS622. Theoretical Foundations: [Topic]. 4 Credits.
Selected topics from computability and complexity theory. Repeatable twice when topic changes for maximum of 12 credits.
Prereq: CIS 621.

CIS624. Structure of Programming Languages. 4 Credits.
Introduction to axiomatic, operational, and denotational semantics. Environments, stores, and continuations. Type theory, subtypes, polymorphism, and inheritance. Functional and logic programming.

CIS630. Distributed Systems. 4 Credits.
Principles of distributed computer systems: interprocess communication, distributed file systems, distributed timing and synchronization, distributed programming, transactions, process scheduling, distributed shared memory.
Prereq: CIS 415 or equivalent, CIS 429/529.

CIS631. Parallel Processing. 4 Credits.
Advanced topics in parallel processing including massively parallel computer architecture, supercomputers, parallelizing compiler technology, performance evaluation, parallel programming languages, parallel applications.
Prereq: CIS 429/529.

CIS632. Computer Networks. 4 Credits.
Advanced issues in computer networks, focusing on research to extend the services offered by the Internet.
Prereq: CIS 432/532.

CIS633. Advanced Network Security. 4 Credits.
Classic and state-of-the-art research topics in network security; threats and attacks, defense algorithms and mechanisms, measurement and evaluation of both security problems and solutions. Offered alternate years.
Prereq: CIS 533.

CIS640. Writing in Computer Research. 2 Credits.
Students learn to provide and accept constructive criticism of writing samples in a workshop format.

CIS650. Software Engineering. 4 Credits.
Examines recent models and tools in software engineering including modifications to the traditional software life-cycle model, development environments, and speculative view of the future role of artificial intelligence.

CIS677. Knowledge-Based Interfaces. 4 Credits.
Examination of research knowledge-based user interfaces with particular attention to cognitive modeling. Topics include intelligent tutoring systems, natural language interfaces, and expert systems explanation.
Prereq: CIS 471/571.

Courses

MATH070. Elementary Algebra. 4 Credits.
Basics of algebra, including arithmetic of signed numbers, order of operations, arithmetic of polynomials, linear equations, word problems, factoring, graphing lines, exponents, radicals. Credit for enrollment (eligibility) but not for graduation; satisfies no university or college requirement. Additional fee.

MATH095. Intermediate Algebra. 4 Credits.
Topics include problem solving, linear equations, systems of equations, polynomials and factoring techniques, rational expressions, radicals and exponents, quadratic equations. Credit for enrollment (eligibility) but not for graduation; satisfies no university or college requirement. Additional fee.
Prereq: MATH 70 or satisfactory placement test score.

MATH105. University Mathematics I. 4 Credits.
Topics include logic, sets and counting, probability, and statistics. Instructors may include historical context of selected topics and applications to finance and biology.
Prereq: MATH 95 or satisfactory placement test score.

MATH106. University Mathematics II. 4 Credits.
Topics include mathematics of finance, applied geometry, exponential growth and decay, and a nontechnical introduction to the concepts of calculus.
Prereq: MATH 95 or satisfactory placement test score.

MATH107. University Mathematics III. 4 Credits.
Topics chosen from modular arithmetic and coding, tilings and symmetry, voting methods, apportionment, fair division, introductory graph theory, or scheduling.
Prereq: MATH 95 or satisfactory placement test score.

MATH111. College Algebra. 4 Credits.
Algebra needed for calculus including graph sketching, algebra of functions, polynomial functions, rational functions, exponential and logarithmic functions, linear and nonlinear functions.
Prereq: MATH 95 or satisfactory placement test score.

MATH112. Elementary Functions. 4 Credits.
Exponential, logarithmic, and trigonometric functions. Intended as preparation for MATH 251.
Prereq: Satisfactory placement test score.

MATH199. Special Studies: [Topic]. 1-5 Credits.
Repeatable.

MATH211. Fundamentals of Elementary Mathematics I. 4 Credits.
Structure of the number system, logical thinking, topics in geometry, simple functions, and basic statistics and probability. Calculators, concrete materials, and problem solving are used when appropriate. Covers the mathematics needed to teach grades K–8. Sequence.
Prereq: MATH 111 or satisfactory placement test score.

MATH212. Fundamentals of Elementary Mathematics II. 4 Credits.
Structure of the number system, logical thinking, topics in geometry, simple functions, and basic statistics and probability. Calculators, concrete materials, and problem solving are used when appropriate. Covers the mathematics needed to teach grades K–8. Sequence.
Prereq: MATH 211, C- or better.

MATH213. Fundamentals of Elementary Mathematics III. 4 Credits.
Structure of the number system, logical thinking, topics in geometry, simple functions, and basic statistics and probability. Calculators, concrete materials, and problem solving are used when appropriate. Covers the mathematics needed to teach grades K–8. Sequence.
Prereq: MATH 212, C- or better.

MATH231. Elements of Discrete Mathematics I. 4 Credits.
Sets, mathematical logic, induction, sequences, and functions. Sequence.
Prereq: MATH 112 or satisfactory placement test score.

MATH232. Elements of Discrete Mathematics II. 4 Credits.
Relations, theory of graphs and trees with applications, permutations and combinations.
Prereq: MATH 231.

MATH233. Elements of Discrete Mathematics III. 4 Credits.
Discrete probability, Boolean algebra, elementary theory of groups and rings with applications.
Prereq: MATH 232.

MATH241. Calculus for Business and Social Science I. 4 Credits.
Introduction to topics in differential and integral calculus including some aspects of the calculus of several variables. Sequence. Students cannot receive credit for both MATH 241 and 251.
Prereq: MATH 111 or satisfactory placement test score; a programmable calculator capable of displaying function graphs.

MATH242. Calculus for Business and Social Science II. 4 Credits.
Introduction to topics in differential and integral calculus including some aspects of the calculus of several variables. Students cannot receive credit for both MATH 242 and 252.
Prereq: MATH 241.

MATH243. Introduction to Methods of Probability and Statistics. 4 Credits.
Discrete and continuous probability, data description and analysis, sampling distributions, emphasizes confidence intervals and hypothesis testing. Students cannot receive credit for both MATH 243 and 425.
Prereq: MATH 95 or satisfactory placement test score; MATH 111 recommended; a programmable calculator capable of displaying function graphs.

MATH246. Calculus for the Biological Sciences I. 4 Credits.
For students in biological science and related fields. Emphasizes modeling and applications to biology. Differential calculus and applications. Sequence. Students cannot receive credit for more than one of MATH 241, 246, 251.
Prereq: MATH 112 or satisfactory placement test score.

MATH247. Calculus for the Biological Sciences II. 4 Credits.
For students in biological science and related fields. Emphasizes modeling and applications to biology. Integral calculus and applications. Students cannot receive credit for more than one of MATH 242, 247, 252.
Prereq: MATH 246.

MATH251. Calculus I. 4 Credits.
Standard sequence for students of physical and social sciences and of mathematics. Differential calculus and applications. Sequence. Students cannot receive credit for more than one of MATH 241, 246, 251.
Prereq: MATH 112 or satisfactory placement test score.

MATH252. Calculus II. 4 Credits.
Standard sequence for students of physical and social sciences and of mathematics. Integral calculus. Sequence. Students cannot receive credit for more than one of MATH 242, 247, 252.
Prereq: MATH 251.

MATH253. Calculus III. 4 Credits.
Standard sequence for students of physical and social sciences and of mathematics. Introduction to improper integrals, infinite sequences and series, Taylor series, and differential equations. Sequence. Students cannot receive credit for more than one of MATH 253, 263.
Prereq: MATH 252.

MATH256. Introduction to Differential Equations. 4 Credits.
Introduction to differential equations and applications. Linear algebra is introduced as needed.
Prereq: MATH 253.

MATH261. Calculus with Theory I. 4 Credits.
Covers both applications of calculus and its theoretical background. Axiomatic treatment of the real numbers, limits, and the least upper bound property.

MATH262. Calculus with Theory II. 4 Credits.
Covers both applications of calculus and its theoretical background. Differential and integral calculus.
Prereq: MATH 261.

MATH263. Calculus with Theory III. 4 Credits.
Covers both applications of calculus and its theoretical background. Sequences and series, Taylor's theorem.
Prereq: MATH 262.

MATH281. Several-Variable Calculus I. 4 Credits.
Introduction to calculus of functions of several variables including partial differentiation; gradient, divergence, and curl; line and surface integrals; Green's and Stokes's theorems. Linear algebra introduced as needed. Sequence.
Prereq: MATH 253.

MATH282. Several-Variable Calculus II. 4 Credits.
Introduction to calculus of functions of several variables including partial differentiation; gradient, divergence, and curl; line and surface integrals; Green's and Stokes's theorems. Linear algebra introduced as needed.
Prereq: MATH 281.

MATH307. Introduction to Proof. 4 Credits.
Proof is how mathematics establishes truth and communicates ideas. Introduces students to proof in the context of interesting mathematical problems.
Prereq: MATH 247 or 252 or 262.

MATH315. Elementary Analysis. 4 Credits.
Rigorous treatment of certain topics introduced in calculus including continuity, differentiation and integration, power series, sequences and series, uniform convergence and continuity.
Prereq: MATH 253 or equivalent; one from MATH 232, 262, 307.

MATH341. Elementary Linear Algebra. 4 Credits.
Vector and matrix algebra; n-dimensional vector spaces; systems of linear equations; linear independence and dimension; linear transformations; rank and nullity; determinants; eigenvalues; inner product spaces; theory of a single linear transformation. Sequence.
Prereq: MATH 252. MATH 253 is recommended.

MATH342. Elementary Linear Algebra. 4 Credits.
Vector and matrix algebra; n-dimensional vector spaces; systems of linear equations; linear independence and dimension; linear transformations; rank and nullity; determinants; eigenvalues; inner product spaces; theory of a single linear transformation.
Prereq: MATH 341.

MATH343. Statistical Models and Methods. 4 Credits.
Review of theory and applications of mathematical statistics including estimation and hypothesis testing.
Prereq: MATH 252.

MATH346. Number Theory. 4 Credits.
Topics include congruences, Chinese remainder theorem, Gaussian reciprocity, basic properties of prime numbers.
Prereq: MATH 253 or equivalent; one from MATH 232, 262, 307.

MATH351. Elementary Numerical Analysis I. 4 Credits.
Basic techniques of numerical analysis and their use on computers. Topics include root approximation, linear systems, interpolation, integration, and differential equations. Sequence.
Prereq: MATH 253 or equivalent; one from MATH 232, 262, 307.

MATH352. Elementary Numerical Analysis II. 4 Credits.
Basic techniques of numerical analysis and their use on computers. Topics include root approximation, linear systems, interpolation, integration, and differential equations.
Prereq: MATH 351.

MATH391. Fundamentals of Abstract Algebra I. 4 Credits.
Introduction to algebraic structures including groups, rings, fields, and polynomial rings. Sequence.
Prereq: MATH 341; one from MATH 232, 262, 307.

MATH392. Fundamentals of Abstract Algebra II. 4 Credits.
Introduction to algebraic structures including groups, rings, fields, and polynomial rings.
Prereq: MATH 391.

MATH393. Fundamentals of Abstract Algebra III. 4 Credits.
Introduction to algebraic structures including groups, rings, fields, and polynomial rings.
Prereq: MATH 392.

MATH394. Geometries from an Advanced Viewpoint I. 4 Credits.
Topics in Euclidean geometry in two and three dimensions including constructions. Emphasizes investigations, proofs, and challenging problems. For prospective secondary and middle school teachers.
Prereq: MATH 253 or equivalent; one from MATH 232, 262, 307.

MATH395. Geometries from an Advanced Viewpoint II. 4 Credits.
Analysis of problems in Euclidean geometry using coordinates, vectors, and the synthetic approach. Transformations in the plane and space and their groups. Introduction to non-Euclidean geometries. For prospective secondary teachers.
Prereq: grade of C- or better in MATH 394.

MATH399. Special Studies: [Topic]. 1-5 Credits.
Repeatable.

MATH401. Research: [Topic]. 1-21 Credits.
Repeatable.

MATH403. Thesis. 1-4 Credits.
Repeatable.

MATH405. Reading and Conference: [Topic]. 1-4 Credits.
Repeatable.

MATH407. Seminar: [Topic]. 1-4 Credits.
Repeatable.

MATH410. Experimental Course: [Topic]. 1-4 Credits.
Repeatable.

MATH411. Functions of a Complex Variable I. 4 Credits.
Complex numbers, linear fractional transformations, Cauchy-Riemann equations, Cauchy's theorem and applications, power series, residue theorem, harmonic functions, contour integration, conformal mapping, infinite products. Sequence.
Prereq: MATH 281; one from MATH 232, 262, 307.

MATH412. Functions of a Complex Variable II. 4 Credits.
Complex numbers, linear fractional transformations, Cauchy-Riemann equations, Cauchy's theorem and applications, power series, residue theorem, harmonic functions, contour integration, conformal mapping, infinite products.
Prereq: MATH 411.

MATH413. Introduction to Analysis I. 4 Credits.
Differentiation and integration on the real line and in a dimensional Euclidean space; normed linear spaces and metric spaces; vector field theory and differential forms. Sequence.
Prereq: MATH 282, 315.

MATH414. Introduction to Analysis II. 4 Credits.
Differentiation and integration on the real line and in a dimensional Euclidean space; normed linear spaces and metric spaces; vector field theory and differential forms.
Prereq: MATH 413.

MATH415. Introduction to Analysis III. 4 Credits.
Differentiation and integration on the real line and in a dimensional Euclidean space; normed linear spaces and metric spaces; vector field theory and differential forms. Sequence.
Prereq: MATH 414.

MATH420. Ordinary Differential Equations. 4 Credits.
Ordinary differential equations. General and initial value problems. Explicit, numerical, graphical solutions; phase portraits. Existence, uniqueness, stability. Power series methods. Gradient flow; periodic solutions.
Prereq: MATH 263 or 315.

MATH421. Partial Differential Equations: Fourier Analysis I. 4 Credits.
Introduction to PDEs; wave and heat equations. Classical Fourier series on the circle; applications of Fourier series. Generalized Fourier series, Bessel and Legendre series.
Prereq: MATH 281 and either MATH 256 or 420.

MATH422. Partial Differential Equations: Fourier Analysis II. 4 Credits.
General theory of PDEs; the Fourier transform. Laplace and Poisson equations; Green's functions and application. Mean value theorem and max-min principle.
Prereq: MATH 421.

MATH425. Statistical Methods I. 4 Credits.
Statistical methods for upper-division and graduate students anticipating research in nonmathematical disciplines. Presentation of data, sampling distributions, tests of significance, confidence intervals, linear regression, analysis of variance, correlation, statistical software. Sequence. Only nonmajors may receive upper-division credit. Students cannot receive credit for both MATH 243 and 425.
Prereq: MATH 111 or satisfactory placement test score.

MATH431. Introduction to Topology. 4 Credits.
Elementary point-set topology with an introduction to combinatorial topology and homotopy. Sequence.
Prereq: MATH 315.

MATH432. Introduction to Topology. 4 Credits.
Elementary point-set topology with an introduction to combinatorial topology and homotopy. Sequence.
Prereq: MATH 431.

MATH433. Introduction to Differential Geometry. 4 Credits.
Plane and space curves, Frenet-Serret formula surfaces. Local differential geometry, Gauss-Bonnet formula, introduction to manifolds.
Prereq: MATH 282, 342; one from MATH 232, 262, 307.

MATH441. Linear Algebra. 4 Credits.
Theory of vector spaces over arbitrary fields, theory of a single linear transformation, minimal polynomials, Jordan and rational canonical forms, quadratic forms, quotient spaces.
Prereq: MATH 342; one from MATH 232, 262, 307.

MATH444. Introduction to Abstract Algebra I. 4 Credits.
Theory of groups, rings, and fields. Polynomial rings, unique factorization, and Galois theory. Sequence.
Prereq: MATH 342; one from MATH 232, 262, 307.

MATH445. Introduction to Abstract Algebra II. 4 Credits.
Theory of groups, rings, and fields. Polynomial rings, unique factorization, and Galois theory.
Prereq: MATH 444.

MATH446. Introduction to Abstract Algebra III. 4 Credits.
Theory of groups, rings, and fields. Polynomial rings, unique factorization, and Galois theory.
Prereq: MATH 445.

MATH456. Networks and Combinatorics. 4 Credits.
Fundamentals of modern combinatorics; graph theory; networks; trees; enumeration, generating functions, recursion, inclusion and exclusion; ordered sets, lattices, Boolean algebras.
Prereq: MATH 231 or 346; one from MATH 232, 262, 307.

MATH457. Discrete Dynamical Systems. 4 Credits.
Linear and nonlinear first-order dynamical systems; equilibrium, cobwebs, Newton's method. Bifurcation and chaos. Introduction to higher-order systems. Applications to economics, genetics, ecology.
Prereq: MATH 256; one from MATH 232, 262, 307.

MATH458. Introduction to Mathematical Cryptography. 4 Credits.
Mathematical theory of public key cryptography. Finite field arithmetic, RSA and Diffie-Hellman algorithms, elliptic curves, generation of primes, factorization techniques. Offered alternate years.
Prereq: MATH 341.

MATH461. Introduction to Mathematical Methods of Statistics I. 4 Credits.
Discrete and continuous probability models; useful distributions; applications of moment-generating functions; sample theory with applications to tests of hypotheses, point and confidence interval estimates. Sequence.
Prereq: MATH 253 or 263; one from MATH 232, 262, 307.

MATH462. Introduction to Mathematical Methods of Statistics II. 4 Credits.
Discrete and continuous probability models; useful distributions; applications of moment-generating functions; sample theory with applications to tests of hypotheses, point and confidence interval estimates.
Prereq: MATH 461.

MATH463. Mathematical Methods of Regression Analysis and Analysis of Variance. 4 Credits.
Multinomial distribution and chi-square tests of fit, simple and multiple linear regression, analysis of variance and covariance, methods of model selection and evaluation, use of statistical software.
Prereq: MATH 342, MATH 462.

MATH467. Stochastic Processes. 4 Credits.
Basics of stochastic processes including Markov chains, martingales, Poisson processes, Brownian motion and their applications.
Prereq: MATH 341, MATH 461.

MATH503. Thesis. 1-12 Credits.
Repeatable.

MATH507. Seminar: [Topic]. 1-4 Credits.
Repeatable.

MATH510. Experimental Course: [Topic]. 1-4 Credits.
Repeatable.

MATH511. Functions of a Complex Variable I. 4 Credits.
Complex numbers, linear fractional transformations, Cauchy-Riemann equations, Cauchy's theorem and applications, power series, residue theorem, harmonic functions, contour integration, conformal mapping, infinite products. Sequence.

MATH512. Functions of a Complex Variable II. 4 Credits.
Complex numbers, linear fractional transformations, Cauchy-Riemann equations, Cauchy's theorem and applications, power series, residue theorem, harmonic functions, contour integration, conformal mapping, infinite products.
Prereq: MATH 411/511.

MATH513. Introduction to Analysis I. 4 Credits.
Differentiation and integration on the real line and in a dimensional Euclidean space; normed linear spaces and metric spaces; vector field theory and differential forms. Sequence.

MATH514. Introduction to Analysis II. 4 Credits.
Differentiation and integration on the real line and in a dimensional Euclidean space; normed linear spaces and metric spaces; vector field theory and differential forms. Sequence.
Prereq: MATH 413/513.

MATH515. Introduction to Analysis III. 4 Credits.
Differentiation and integration on the real line and in a dimensional Euclidean space; normed linear spaces and metric spaces; vector field theory and differential forms. Sequence.
Prereq: MATH 414/514.

MATH520. Ordinary Differential Equations. 4 Credits.
Ordinary differential equations. General and initial value problems. Explicit, numerical, graphical solutions; phase portraits. Existence, uniqueness, stability. Power series methods. Gradient flow; periodic solutions.

MATH521. Partial Differential Equations: Fourier Analysis I. 4 Credits.
Introduction to PDEs; wave and heat equations. Classical Fourier series on the circle; applications of Fourier series. Generalized Fourier series, Bessel and Legendre series.
Prereq: MATH 420/520.

MATH522. Partial Differential Equations: Fourier Analysis II. 4 Credits.
General theory of PDEs; the Fourier transform. Laplace and Poisson equations; Green's functions and application. Mean value theorem and max-min principle.
Prereq: MATH 421/521.

MATH525. Statistical Methods I. 4 Credits.
Statistical methods for upper-division and graduate students anticipating research in nonmathematical disciplines. Presentation of data, sampling distributions, tests of significance, confidence intervals, linear regression, analysis of variance, correlation, statistical software. Sequence. Only nonmajors may receive graduate credit.

MATH531. Introduction to Topology. 4 Credits.
Elementary point-set topology with an introduction to combinatorial topology and homotopy. Sequence.

MATH532. Introduction to Topology. 4 Credits.
Elementary point-set topology with an introduction to combinatorial topology and homotopy. Sequence.
Prereq: MATH 431/531.

MATH533. Introduction to Differential Geometry. 4 Credits.
Plane and space curves, Frenet-Serret formula surfaces. Local differential geometry, Gauss-Bonnet formula, introduction to manifolds.

MATH541. Linear Algebra. 4 Credits.
Theory of vector spaces over arbitrary fields, theory of a single linear transformation, minimal polynomials, Jordan and rational canonical forms, quadratic forms, quotient spaces.

MATH544. Introduction to Abstract Algebra I. 4 Credits.
Theory of groups, rings, and fields. Polynomial rings, unique factorization, and Galois theory. Sequence.

MATH545. Introduction to Abstract Algebra II. 4 Credits.
Theory of groups, rings, and fields. Polynomial rings, unique factorization, and Galois theory.
Prereq: MATH 444/544.

MATH546. Introduction to Abstract Algebra III. 4 Credits.
Theory of groups, rings, and fields. Polynomial rings, unique factorization, and Galois theory.
Prereq: MATH 445/545.

MATH556. Networks and Combinatorics. 4 Credits.
Fundamentals of modern combinatorics; graph theory; networks; trees; enumeration, generating functions, recursion, inclusion and exclusion; ordered sets, lattices, Boolean algebras.

MATH557. Discrete Dynamical Systems. 4 Credits.
Linear and nonlinear first-order dynamical systems; equilibrium, cobwebs, Newton's method. Bifurcation and chaos. Introduction to higher-order systems. Applications to economics, genetics, ecology.

MATH561. Introduction to Mathematical Methods of Statistics I. 4 Credits.
Discrete and continuous probability models; useful distributions; applications of moment-generating functions; sample theory with applications to tests of hypotheses, point and confidence interval estimates. Sequence.

MATH562. Introduction to Mathematical Methods of Statistics II. 4 Credits.
Discrete and continuous probability models; useful distributions; applications of moment-generating functions; sample theory with applications to tests of hypotheses, point and confidence interval estimates.
Prereq: MATH 461/561.

MATH563. Mathematical Methods of Regression Analysis and Analysis of Variance. 4 Credits.
Multinomial distribution and chi-square tests of fit, simple and multiple linear regression, analysis of variance and covariance, methods of model selection and evaluation, use of statistical software.
Prereq: MATH 462/562.

MATH567. Stochastic Processes. 4 Credits.
Basics of stochastic processes including Markov chains, martingales, Poisson processes, Brownian motion and their applications.
Prereq: MATH 561.

MATH601. Research: [Topic]. 1-9 Credits.
Repeatable.

MATH602. Supervised College Teaching. 1-16 Credits.
Repeatable.

MATH603. Dissertation. 1-16 Credits.
Repeatable.

MATH605. Reading and Conference: [Topic]. 1-5 Credits.
Repeatable.

MATH607. Seminar: [Topic]. 1-5 Credits.
Repeatable. Topics include Advanced Topics in Geometry, Ring Theory, Teaching Mathematics.

MATH616. Real Analysis. 4-5 Credits.
Measure and integration theory, differentiation, and functional analysis with point-set topology as needed. Sequence.

MATH617. Real Analysis. 4-5 Credits.
Measure and integration theory, differentiation, and functional analysis with point-set topology as needed. Sequence.
Prereq: MATH 616.

MATH618. Real Analysis. 4-5 Credits.
Measure and integration theory, differentiation, and functional analysis with point-set topology as needed. Sequence.
Prereq: MATH 617.

MATH619. Complex Analysis. 4-5 Credits.
The theory of Cauchy, power series, contour integration, entire functions, and related topics.

MATH634. Algebraic Topology. 4-5 Credits.
Development of homotopy, homology, and cohomology with point-set topology as needed. Sequence.

MATH635. Algebraic Topology. 4-5 Credits.
Development of homotopy, homology, and cohomology with point-set topology as needed. Sequence.
Prereq: MATH 634.

MATH636. Algebraic Topology. 4-5 Credits.
Development of homotopy, homology, and cohomology with point-set topology as needed. Sequence.
Prereq: MATH 635.

MATH637. Differential Geometry. 4-5 Credits.
Topics include curvature and torsion, Serret-Frenet formulas, theory of surfaces, differentiable manifolds, tensors, forms and integration. Sequence.

MATH638. Differential Geometry. 4-5 Credits.
Topics include curvature and torsion, Serret-Frenet formulas, theory of surfaces, differentiable manifolds, tensors, forms and integration. Sequence.
Prereq: MATH 637.

MATH639. Differential Geometry. 4-5 Credits.
Topics include curvature and torsion, Serret-Frenet formulas, theory of surfaces, differentiable manifolds, tensors, forms and integration. Sequence.

MATH647. Abstract Algebra. 4-5 Credits.
Group theory, fields, Galois theory, algebraic numbers, matrices, rings, algebras. Sequence.

MATH648. Abstract Algebra. 4-5 Credits.
Group theory, fields, Galois theory, algebraic numbers, matrices, rings, algebras. Sequence.
Prereq: MATH 647.

MATH649. Abstract Algebra. 4-5 Credits.
Group theory, fields, Galois theory, algebraic numbers, matrices, rings, algebras. Sequence.
Prereq: MATH 648.

MATH672. Theory of Probability. 4-5 Credits.
Measure and integration, probability spaces, laws of large numbers, central-limit theory, conditioning, martingales, random walks.
Prereq: MATH 671.

MATH673. Theory of Probability. 4-5 Credits.
Measure and integration, probability spaces, laws of large numbers, central-limit theory, conditioning, martingales, random walks.
Prereq: MATH 672.

MATH681. Advanced Algebra: [Topic]. 4-5 Credits.
Repeatable. Topics selected from theory of finite groups, representations of finite groups, Lie groups, Lie algebras, algebraic groups, ring theory, algebraic number theory.

MATH682. Advanced Algebra: [Topic]. 4-5 Credits.
Repeatable. Topics selected from theory of finite groups, representations of finite groups, Lie groups, Lie algebras, algebraic groups, ring theory, algebraic number theory.

MATH683. Advanced Algebra: [Topic]. 4-5 Credits.
Repeatable. Topics selected from theory of finite groups, representations of finite groups, Lie groups, Lie algebras, algebraic groups, ring theory, algebraic number theory.

MATH684. Advanced Analysis: [Topic]. 4-5 Credits.
Repeatable. Topics selected from Banach algebras, operator theory, functional analysis, harmonic analysis on topological groups, theory of distributions.

MATH685. Advanced Analysis: [Topic]. 4-5 Credits.
Repeatable. Topics selected from Banach algebras, operator theory, functional analysis, harmonic analysis on topological groups, theory of distributions.

MATH686. Advanced Analysis: [Topic]. 4-5 Credits.
Repeatable. Topics selected from Banach algebras, operator theory, functional analysis, harmonic analysis on topological groups, theory of distributions.

MATH690. Advanced Geometry and Topology: [Topic]. 4-5 Credits.
Repeatable. Topics selected from classical and local differential geometry; symmetric spaces; low-dimensional topology; differential topology; global analysis; homology, cohomology, and homotopy; differential analysis and singularity theory; knot theory.

MATH691. Advanced Geometry and Topology: [Topic]. 4-5 Credits.
Repeatable. Topics selected from classical and local differential geometry; symmetric spaces; low-dimensional topology; differential topology; global analysis; homology, cohomology, and homotopy; differential analysis and singularity theory; knot theory.

MATH692. Advanced Geometry and Topology: [Topic]. 4-5 Credits.
Repeatable. Topics selected from classical and local differential geometry; symmetric spaces; low-dimensional topology; differential topology; global analysis; homology, cohomology, and homotopy; differential analysis and singularity theory; knot theory.

Medieval Studies

Lori Kruckenberg, Program Director
541-346-3763
311 Susan Campbell Hall

Medieval studies, an interdisciplinary undergraduate program, integrates various approaches to the Middle Ages by medievalists in several departments. Medieval studies provides an excellent general education or a solid base for graduate work in a more specialized area. Study abroad is strongly encouraged.

Medieval studies concentrates on the period from 300 to 1500, combining courses in art and architecture, history, language, literature, music, philosophy, and religion. A typical course of study includes diverse topics such as the Bible, the early Church, Byzantium, Islam, the Vikings, the Crusades, women in the Middle Ages, mysticism, romance, the Gothic cathedral, Chaucer, Dante, and medieval China and Japan. The program aims to provide a comprehensive introduction to the medieval worldview in Europe and beyond, and the origins of the modern world.

Participating Faculty

Barbara K. Altmann, Romance languages

Ina Asim, history

Judith R. Baskin, Judaic studies

Martha J. Bayless, English

Louise M. Bishop, honors college

Steven T. Brown, comparative literature

Stephanie Clark, English

Frederick Colby, religious studies

James W. Earl, English

Warren Ginsberg, English

Andrew E. Goble, history

Deborah A. Green, Judaic studies

D. Gantt Gurley, German and Scandinavian

David Hollenberg, religious studies

Maile Hutterer, history of art and architecture

Mary Jaeger, classics

Lori Kruckenberg, music

Charles H. Lachman, history of art and architecture

C. Anne Laskaya, English

Eric Mentzel, music

F. Regina Psaki, Romance languages

Stephen J. Shoemaker, religious studies

Richard A. Sundt, history of art and architecture

Mark T. Unno, religious studies

Cynthia M. Vakareliyska, linguistics

Marc Vanscheeuwijck, music

David Wacks, Romance languages

Lisa Wolverton, history

- **Bachelor of Arts**
- **Minor**

Undergraduate Studies

Bachelor of Arts Degree Requirements

Medieval studies majors must complete twelve medieval courses in at least three departments with a grade of mid-C or better. At least 24 credits must be in upper-division work. Two years of Latin are recommended for those who want to do graduate work in medieval studies. See the program website for more information.

Honors in Medieval Studies

A degree with honors in medieval studies allows a student to focus on an area of concentration in a written thesis. Requirements are as follows:

1. Satisfaction of the requirements for the major
2. A grade point average of 3.50 or better in courses taken to meet the upper-division requirements of the major. A minimum cumulative UO grade point average of 3.00
3. A prospectus for the thesis approved by both the thesis director and the program director. The prospectus must be submitted no later than week seven of the term before the student plans to complete the honors project. When the prospectus has been approved, the student and thesis director will agree on a schedule of submission of work
4. A senior thesis of substantial quality, representing new or substantially new work beyond any project or paper submitted within other university courses, approved by the thesis director and at least one other member of the medieval studies participating faculty. The thesis must be complete and ready for public presentation no later than week seven of the fall, winter, or spring term
5. **A presentation of the project.** The student presents the honors project to students and faculty members and participates in an open discussion of the project with the audience. Presentations typically occur in weeks seven through ten of fall, winter, or spring terms and are arranged in consultation with both the director of the Medieval Studies Program and the student's thesis advisor
6. Honors in medieval studies are not given for substantially the same project or paper submitted for honors to any other unit in the university. Departmental honors theses shall be written exclusively for honors in medieval studies
7. Students normally enroll in at least one but no more than two terms of Thesis (MDVL403). Enrollment in Thesis is not required but is recommended. Thesis credits cannot serve to fulfill the minimum major requirements

Minor Requirements

Students who want a minor in medieval studies must complete seven medieval courses in at least two departments.

Suggested Courses

Students should plan their programs as early as possible with the aid of a medieval studies faculty advisor. With the advisor's consent, courses numbered 199, 399, 405, 407, 408, or 410 may be substituted for suggested courses. At least five of the courses must be taken at the University of Oregon. More information is available from the medieval studies office or from the Medieval Studies Program director.

Arabic		
ARB331	Reading Classical Arabic	4
Chinese		
CHN424	Issues in Medieval Chinese Literature	4
Classics		
CLAS110	Classical Mythology	4
CLAS314	Gender and Sexuality in Antiquity	4
Additional Latin and Greek course offerings, depending on topic		
English		
ENG220	Introduction to the English Major	4
ENG225	Age of King Arthur	4
ENG421	The Bible and Literature	4
ENG423	The Age of Beowulf	4
ENG425	Medieval Romance	4
ENG427	Chaucer	4
ENG428–430	Old English I-III	12
History		
HIST101	Western Civilization	4
HIST120	Foundations of Islamic Civilization	4
HIST190	Foundations of East Asian Civilizations	4
HIST319	Early Middle Ages in Europe	4
HIST320	High Middle Ages in Europe	4
HIST321	Late Middle Ages in Europe	4
HIST322	The Crusades	4
HIST345	Early Russia	4
HIST387	Early China	4
HIST396	Samurai in Film	4
HIST414	Ancient Rome: [Topic] (depends on topic)	4

HIST437	Medieval Spain	4
HIST490	Japan: [Topic] (The Classical Age)	4
HIST498	Early Japanese Culture and Society: [Topic] (Buddhism and Society in Medieval Japan; Samurai and War; Medieval Japan)	4
History of Art and Architecture		
ARH205	History of Western Art II	4
ARH331	Cultures of the Medieval West	4
Humanities		
HUM102	Introduction to the Humanities II	4
HUM300	Themes in the Humanities [1]	4
Italian		
ITAL317	Italian Survey: Medieval and Renaissance	4
ITAL441	Medieval Italian Culture: [Topic]	4-6
ITAL444	Medieval and Renaissance Literature: [Topic] (depends on topic)	4-6
Japanese		
JPN305	Introduction to Japanese Literature	4
Judaic Studies		
JDST212	Medieval and Early Modern Judaism	4
HBRW313	Postbiblical Literature	4
Additional courses in Judaic Studies and Hebrew, depending on topic		
Music		
MUS267	Survey of Music History	4
MUS391	Collegium Musicum	1-3
Philosophy		
PHIL310	History of Philosophy: Ancient and Medieval	4
Religious Studies		
REL222–223	Introduction to the Bible I-II	8
REL233	Introduction to Islam	4
REL321–322	History of Christianity	8
REL324	History of Eastern Christianity	4
REL335	Introduction to the Qur'an	4
REL355	Mysticism	4
REL414	Biblical Book: [Topic]	4
REL418	Martyrdom	4
REL424	Early and Medieval Christian Heresy	4
REL426	Sex and Gender in Early Christianity	4
REL432	Islamic Mysticism: [Topic]	4
REL435	Advanced Study of the Qur'an: [Topic]	4
REL444	Medieval Japanese Buddhism	4
Scandinavian		
SCAN259	Vikings through the Icelandic Sagas	4
SCAN343	Norse Mythology	4
SCAN344	Medieval Hero and Monster	4

1 Depending on the topic; may only be taken once for medieval studies major or minor credit.

Courses

MDVL199. Special Studies: [Topic]. 1-5 Credits.
Repeatable.

MDVL399. Special Studies: [Topic]. 1-5 Credits.
Repeatable.

MDVL403. Thesis. 1-8 Credits.
Repeatable.

MDVL405. Reading and Conference: [Topic]. 1-4 Credits.
Repeatable.

MDVL406. Field Studies: [Topic]. 1-4 Credits.
Repeatable.

MDVL408. Workshop: [Topic]. 1-4 Credits.
Repeatable.

MDVL410. Experimental Course: [Topic]. 1-5 Credits.
Repeatable.

MDVL503. Thesis. 1-8 Credits.
Repeatable.

MDVL508. Workshop: [Topic]. 1-4 Credits.
Repeatable.

MDVL510. Experimental Course: [Topic]. 1-5 Credits.
Repeatable.

Native American Studies

Brian Klopotek, Program Director
541-346-0900
541-346-0904 fax
104 Alder Building
5268 University of Oregon
Eugene, Oregon 97403-5268

The University of Oregon offers a minor in Native American studies, housed in the Department of Ethnic Studies.

Native American studies is an interdisciplinary field that uses multiple approaches—from history, anthropology, law, literature, ethnic studies, and other disciplines—to understand contemporary Native American lives, and to examine Native American identities, practices, histories, cultures, and political statuses in context from the earliest times until the present. Academically, the central goal of the minor in Native American studies is to inform students about the unique place of tribes in the state-tribal-federal intergovernmental matrix and about the myriad distinct issues native peoples of the United States face, from language and cultural protection to environmental issues to economic development. In a state with nine federally recognized indigenous nations and a Native American population 50 percent higher proportionally than the national average, this is critical information for future leaders in all fields.

Undergraduate Studies

Students may earn a minor in Native American studies. A secondary goal of the program is to encourage student awareness of the ethnic and cultural dimensions and applications of other major fields. Students of literature, social sciences, education, urban planning, art history, humanities, international studies—to name only a few—find that related Native American studies courses can enrich their academic programs.

Courses applied to a minor in Native American studies may be used to satisfy major or minor requirements for other programs.

Specific details and course approvals must be obtained from the Native American Studies Program.

Requirements for the Minor

The Native American studies minor requires 28 credits. At least 16 credits must be taken in residence at the University of Oregon. Up to 4 credits may be counted toward the minor from a list of related courses that fall outside the core of Native American Studies, but which focus on other issues closely related to the field. Grades must be mid-C or higher to count toward the minor. The course load is distributed as follows:

ES256	Introduction to Native American Studies	4
Additional Courses		24
16 credits must be in upper-division courses		
At least 4 credits focusing on Oregon Indians		
At least 4 credits in each of three distribution groups [1]		
Up to 4 credits may be taken from a list of related courses approved by a program advisor		
Total Credits		**28**

[1] Distribution groups: 1) culture, language, and education; 2) law, policy, governance, and history; 3) literature, media, and the arts.

Distribution Groups

Group 1: Culture, Language, and Education		
ANTH310	Exploring Other Cultures: [Topic] (Oregon Indians)	4
ANTH320	Native North Americans	4
ANTH410	Experimental Course: [Topic] (Working with Oregon Tribes)	5
EDST456	Equal Opportunity: Colonization and Genocide	3
LING407	Seminar: [Topic] (Native Languages of Oregon)	1-5
LT199	Special Studies: [Topic] (Sahaptin Language; Tolowa and Lushootseed Language)	1-5
PHIL451	Native American Philosophy	4
Group 2: Law, Policy, Governance, and History		
ENVS411	Environmental Issues: [Topic] (Climate Change and Indigenous Peoples)	4
ES350	Native Americans and the Environment	4
ES399	Special Studies: [Topic] (Introduction to Pacific Island Studies; Native American-African American Relations; Oregon Indian History)	1-5
ES407	Seminar: [Topic] (Native American Ethnohistory)	1-5
ES456	History of Native American Education	4
HC444H	Honors College American Cultures Colloquium: [Topic] (Race and Ethnicity in the American West)	4
HIST399	Special Studies: [Topic] (Pacific Northwest Indians)	5
HIST407	Seminar: [Topic] (Indian Nations in the United States)	5
HIST468	The Pacific Northwest	4
HIST469	American Indian History: [Topic]	4
PS410	Experimental Course: [Topic] (American Indian Politics)	1-4
Group 3: Literature, Media, and the Arts		
ARH463	Native American Architecture	4
ENG244	Introduction to Native American Literature	4
ENG361	Native American Writers	4
ENG468	Ethnic Literature: [Topic]	4
ES370	Race, Ethnicity, and Cinema: [Topic]	4
J412	Issues in Communication Studies: [Topic] (American Indians and the Media)	4
TA472	Multicultural Theater: [Topic] (Native American Theater)	4

Related Courses		4
ANTH310	Exploring Other Cultures: [Topic]	
ANTH344	Oregon Archaeology	
ANTH442	Northwest Coast Archaeology	
ANTH443	North American Archaeology	
HIST482	Latin America's Indian Peoples	

Neuroscience

Terry Takahashi, Faculty Director
541-346-4556
Institute of Neuroscience
222 Huestis Hall
1254 University of Oregon
Eugene, Oregon 97403-1254

Graduate Studies

Neuroscience is the interdisciplinary study of neural function, development, and behavior. At the University of Oregon, the graduate training program in neuroscience is centered in the Institute of Neuroscience. Participating faculty members are drawn from the Departments of Biology, Human Physiology, and Psychology.

Curriculum

First-year graduate students take one of two core sequences:

1. cellular, systems, and cognitive neuroscience
2. developmental, molecular, and genetic neuroscience

The core sequences are taught cooperatively by the faculty. Most students also take elective courses in a variety of subjects.

Faculty-Student Seminars

Faculty members and graduate students participate in weekly informal seminars that feature lively discussion of research papers in specific areas of neuroscience. Students and faculty members also participate in the neuroscience seminar, a weekly series featuring visiting scientists. The purpose of the neuroscience seminar is to keep both the faculty and students abreast of current developments in the broad field of neuroscience.

Research

Students are encouraged to participate in laboratory research from the very beginning of their graduate training. A laboratory rotation program is directed toward this objective. In the rotation program, new students take part in the activities of a different laboratory group during each of the three terms of the first year. Participation may include a research project, ongoing experiments, or other activities. This program allows students to learn firsthand about different approaches to the study of neuroscience before choosing an area of concentration.

Doctoral Study

Students who want to enter the neuroscience program should apply to the PhD program of a participating department and indicate their interest in neuroscience. Such applications are reviewed by the neuroscience faculty as well as the departmental admission committee. Answers to specific questions about prerequisites and deadlines may be obtained by writing directly to one of the participating departments, University of Oregon, Eugene, Oregon 97403. Additional information about the Institute of Neuroscience may be obtained from the institute website. See also the Institute of Neuroscience section in the **Research Centers and Institutes** (p. 712) area of this catalog.

Courses

Biology. Cell Biology (BI322), Sensory Physiology (BI353), Animal Physiology (BI356), Neurobiology (BI360), Special Studies: [Topic] (BI399) (Cellular Biology of the Senses), Experimental Course: [Topic] (BI410) (Computational Neuroscience), Cellular Basis of Learning and Memory (BI420), Protein Toxins in Cell Biology (BI422), Systems Neuroscience (BI461), Cellular Neuroscience (BI463), Developmental Neurobiology (BI466), Evolution of Development (BI480), Experimental Course: [Topic] (BI510) (Computational Neuroscience), Cellular Basis of Learning and Memory (BI520), Protein Toxins in Cell Biology (BI522), Systems Neuroscience (BI561), Cellular Neuroscience (BI563), Developmental Neurobiology (BI566), Evolution of Development (BI580), Experimental Course: [Topic] (BI610) (Advanced Cellular Neuroscience)

Human Physiology. Motor Control (HPHY333), Experimental Course: [Topic] (HPHY410) (Neurophysiology of Concussion), Experimental Course: [Topic] (HPHY510) (Neurophysiology of Concussion), Experimental Course: [Topic] (HPHY610) (Advanced Systems Neuroscience)

Psychology. Biopsychology (PSY304), Brain Mechanisms of Behavior (PSY445), Human Neuropsychology (PSY449), Brain Mechanisms of Behavior (PSY545), Human Neuropsychology (PSY549), Experimental Course: [Topic] (PSY610) (Advanced Cognitive Neuroscience)

Participating Faculty

Edward Awh, psychology

Paul Dassonville, psychology

Chris Q. Doe, biology

Judith S. Eisen, biology

Clifford Kentros, psychology

Charles B. Kimmel, biology

Shawn R. Lockery, biology

Helen Neville, psychology

Peter M. O'Day, biology

Cristopher Neill, biology

John H. Postlethwait, biology

William Roberts, biology

Terry Takahashi, biology

Edward Vogel, psychology

Philip E. Washbourne, biology

Janis C. Weeks, biology

Michael Wehr, psychology

Monte Westerfield, biology

Marjorie Woollacott, human physiology

Pacific Island Studies

William S. Ayres, Program Director
541-346-5119
541-346-0668 fax
273 Condon Hall
1218 University of Oregon
Eugene, Oregon 97403-1218

The Pacific Island Studies Program, part of the Center for Asian and Pacific Studies, offers individualized programs of study and research related to Pacific island cultures. The University of Oregon has a long-standing educational and scholarly interest in the Pacific islands involving active researchers and teachers in many fields. The committee began as a formal body in 1987 and has worked since to coordinate instructional, research, and exchange programs at the university that are related to the Pacific islands. The program emphasizes interdisciplinary perspectives essential for understanding natural and cultural environments, cultural history and change, and educational and modern socioeconomic issues in the Pacific.

Courses about the Pacific cover a range of topics. Students can enroll in undergraduate courses and advanced degree programs in various departments and through the Asian Studies Program. Students may also work with committee members from Pacific island studies toward an Interdisciplinary Studies: Individualized Program (IS:IP) master's degree (MA or MS). Information is available in the **Graduate School** section of this catalog.

The Pacific island studies faculty participates in the Asian studies BA and MA degree programs by teaching courses that may be used to satisfy degree requirements (e.g., in developing a secondary cultural or geographical area with Southeast Asia). Undergraduate- and graduate-level courses are available in anthropology and archaeology, art history, biology, geological sciences, international studies, ethnic studies, and sociology.

The Pacific Islands Archaeological Project, directed by William S. Ayres, offers students opportunities to participate in archaeological and anthropological study in the Pacific. A field school is offered through the Department of Anthropology.

Training in selected Pacific island languages is possible through individual study using tutors and materials developed for use at the Yamada Language Center. The center now has language-study modules for Pohnpeian and Kosraen. Tutoring in Samoan and other island languages is possible.

Courses

Anthropology. Pacific Island Societies (ANTH234), New Guinea (ANTH328), Pacific Islands Archaeology (ANTH343), Workshop: [Topic] (ANTH408) (Archaeology Field School: Micronesia and Samoa), Experimental Course: [Topic] (ANTH410) (Pacific Island Studies; Polynesian Archaeology), Old World Prehistory: [Topic] (ANTH440), Workshop: [Topic] (ANTH508) (Archaeology Field School: Micronesia and Samoa), Old World Prehistory: [Topic] (ANTH540)

Geological Sciences. Oceanography (GEOL307)

Sociology. Sociology of Developing Areas (SOC450)

Approved Seminars (407, 507) and Experimental Courses (410, 510) are other possibilities in these and other departments.

Program Committee

William S. Ayres, anthropology

Aletta Biersack, anthropology

Shirley Ann Coale, Western Regional Resource Center

Richard G. Hildreth, law

Stephen M. Johnson, Labor Education and Research Center

Judith Raiskin, women's and gender studies

Richard A. Sundt, history of art and architecture

Richard W. Zeller, Western Regional Resource Center

Peace Studies

Shaul E. Cohen, David A. Frank, and Cheyney C. Ryan, Committee Cochairs
541-346-4500
107G Condon Hall

The Peace Studies Program offers systematic study of peace—what it means and how it is achieved. Interdisciplinary in its orientation, the program encourages students to approach the problem of peace from a variety of viewpoints. The focus of the program addresses the conditions that give rise to violence and how to prevent them, the conditions that constitute alternatives to violence and how to promote them, and the strategies for achieving peace in its various forms.

The peace studies minor is available to university undergraduate students. There are no requirements for admission to the program.

Graduate students who want to concentrate on peace studies should contact a member of the steering committee. Most 400-level courses, including courses numbered 407 and 410, are offered for graduate credit under 500-level numbers.

Steering Committee

Shaul E. Cohen, geography

David A. Frank, honors college

Gregory McLauchlan, sociology

Undergraduate Studies

Minor Requirements

Core Courses		
Select three of the following:		12
INTL250	Value Systems in Cross-Cultural Perspective	
PHIL307	Social and Political Philosophy	
SOC464	Systems of War and Peace	
Conditions that Give Rise to Violence		
Select two of the following:		8
HIST240	War in the Modern World I	
HIST241	War in the Modern World II	
PSY456	Social Psychology	
SOC345	Race, Class, and Ethnic Groups	
SOC445	Sociology of Race Relations	
SOC464	Systems of War and Peace	
Values and Arrangements Necessary to Transcend Violence		
Select one or two of the following:		4-8
GEOG441	Political Geography	
INTL250	Value Systems in Cross-Cultural Perspective	
PPPM322	Introduction to Public Service Management	
PS225	Political Ideologies	
SOC450	Sociology of Developing Areas	
Strategies for Achieving Peace		
Select one or two of the following:		4-8
ANTH314	Gender in Cross-Cultural Perspective	
HIST350	American Radicalism	
HIST351	American Radicalism	
INTL420	International Community Development	
INTL421	Gender and International Development	
INTL431	Cross-Cultural Communication	
PPPM446	Socioeconomic Development Planning	
PS420	International Organization	
SOC313	Social Issues and Movements	
Total Credits		**32-36**

Additional Requirements

A grade of mid-C or better must be earned in each of the eight courses taken to fulfill requirements for the peace studies minor.

Students may take a maximum of 9 credits of courses in any one department. With advisor's consent, students may substitute a course numbered 199, 407, 408, or 410 for one approved group-satisfying course for the minor.

Internships are offered through some of the departments listed.

More information is available from a cochair.

Philosophy

Bonnie Mann, Department Head
541-346-5549
541-346-5544 fax
211C Susan Campbell Hall
1295 University of Oregon
Eugene, Oregon 97403-1295

Philosophy asks fundamental questions about human identity, the nature of knowledge and reality, moral virtue and responsibility, the nature of community and political authority, aesthetic judgments and values, and other concepts central to the meaning and value of human existence. Through the study of primary texts and concrete issues, drawn from various historical periods and cultures, philosophy provides a means for reflection on actions, beliefs, and values while developing critical thinking, reading, and writing skills. Philosophy also strengthens the ability to reason, enlarges the imagination, and refines aesthetic sensitivity. A philosophical education thus offers excellent preparation for a broad range of careers that require critical intelligence and creative problem-solving as well as oral and written communication skills.

Faculty

Mark Alfano, assistant professor (ethics, Nietzsche, experimental philosophy). BA, 2005, Princeton; MA, 2009, PhD, 2011, City University of New York. (2013)

Steven Brence, instructor (social and political philosophy, philosophy of film, ethics). BS, 1989, MA, 1993, PhD, 2001, Oregon. (2001)

Mark Johnson, College of Arts and Sciences Distinguished Professor; Philip H. Knight Professor (philosophy of language, recent moral theory, cognitive science). BA, 1971, Kansas; MA, 1972, PhD, 1977, Chicago. (1994)

Colin Koopman, associate professor (political philosophy, pragmatism, genealogy). BA, 1997, Evergreen State College; MA, 1999, Leeds; PhD, 2006, McMaster. (2010)

Bonnie Mann, professor (feminist, Continental). BA, 1983, Portland State; PhD, 2002, State University of New York, Stony Brook. (2003)

Nicolae Morar, assistant professor (bioethics, philosophy of biology, ecology). BA, 2004, MA, 2005, Université Jean Moulin Lyon 3; PhD, 2011, Purdue. (2015)

Scott L. Pratt, Dean of the Graduate School and professor of philosophy (American philosophy, history of philosophy, education). BA, 1981, Beloit; PhD, 1995, Minnesota. (1995)

Beata Stawarska, professor (phenomenology, Continental, philosophical psychology). BA, 1992, MA, 1994, PhD, 2000, Louvain. (2003)

Ted Toadvine, professor (Continental, phenomenology, environmental). BA, 1990, Salisbury, MA, 1995, PhD, 1996, Memphis. (2003)

Alejandro Vallega, associate professor (Latin American philosophy, Continental philosophy, aesthetics). BA, 1993, Saint John's College; MA, 1996, Boston; PhD, 1999, Vienna. (2010)

Daniela Vallega-Neu, associate professor(19th- and 20th-century European philosophy, history of philosophy, phenomenology). BA, 1984, European School, Varese; MA, 1992, PhD, 1995, Universitat Freiburg. (2010)

Peter Warnek, associate professor (ancient philosophy, 19th- and 20th-century Continental philosophy, Kant). BA, 1986, Seattle; MA, 1990, Villanova; PhD, 1998, Vanderbilt. (1999)

Naomi Zack, professor (race, feminism, disaster). BA, 1966, New York University; PhD, 1970, Columbia. (2001)

Rocio Zambrana, assistant professor (Continental, 19th-century philosophy, modern philosophy). BA, 2001, Puerto Rico; MA, 2004, PhD, 2010, New School for Social Research. (2010)

Emeriti

William E. Davie, associate professor emeritus. BA, 1964, Washington (Seattle); PhD, 1969, California, Irvine. (1968)

Don S. Levi, professor emeritus. BA, 1956, Wisconsin, Madison; MA, 1961, PhD, 1962, Harvard. (1964)

Arnulf Zweig, professor emeritus. BA, 1952, Rochester; PhD, 1960, Stanford. (1956)

The date in parentheses at the end of each entry is the first year on the University of Oregon faculty.

Participating

Joyce Cheng, history of art and architecture

Michael Hames-García, ethnic studies

Jeffrey S. Librett, German and Scandinavian

Lisa Mazzei, education studies

Jerry L. Rosiek, education studies

Steven Shankman, English

Michael Stern, German and Scandinavian

Mark T. Unno, religious studies

Malcolm Wilson, classics

- **Bachelor of Arts**
- **Bachelor of Science**
- **Minor**

Undergraduate Studies

The department offers bachelor of arts (BA) and bachelor of science (BS) degree programs. University degree requirements are listed in the **Bachelor's Degree Requirements** section of this catalog and in the schedule of classes. Declaration of a major may be accomplished online by completing a form available on the department website.

Major Requirements

Course work for the major in philosophy must be passed with grades of C– or better or P (pass). No more than 8 credits may be taken pass/no pass.

Bachelor of Arts Degree Requirements

PHIL310–312	History of Philosophy	12
PHIL325	Logic, Inquiry, and Argumentation	4
Select two of the following:		8
PHIL421	Ancient Philosophers: [Topic]	
PHIL433	17th- and 18th-Century Philosophers: [Topic]	
PHIL453	19th-Century Philosophers: [Topic]	
PHIL463	20th-Century Philosophers: [Topic]	
Select one of the following:		4
PHIL213	Asian Philosophy	
PHIL216	Philosophy and Cultural Diversity	
PHIL315	Introduction to Feminist Philosophy	
PHIL342	Introduction to Latin American Philosophy	
PHIL443	Feminist Philosophy: [Topic]	
PHIL451	Native American Philosophy	
PHIL452	Philosophy and Race	
Additional upper-division philosophy courses		24
Total Credits		**52**

Bachelor of Science Degree Requirements

PHIL310–312	History of Philosophy	12
PHIL325	Logic, Inquiry, and Argumentation	4
Select two of the following:		8
PHIL421	Ancient Philosophers: [Topic]	
PHIL433	17th- and 18th-Century Philosophers: [Topic]	
PHIL453	19th-Century Philosophers: [Topic]	
PHIL463	20th-Century Philosophers: [Topic]	
Select one of the following:		4
PHIL213	Asian Philosophy	
PHIL216	Philosophy and Cultural Diversity	
PHIL315	Introduction to Feminist Philosophy	
PHIL342	Introduction to Latin American Philosophy	
PHIL443	Feminist Philosophy: [Topic]	
PHIL451	Native American Philosophy	
PHIL452	Philosophy and Race	
Additional upper-division philosophy courses		24
Total Credits		**52**

Honors in Philosophy

The philosophy honors program is designed to provide outstanding, highly motivated philosophy majors with the opportunity to develop their skills during the senior year through the independent exploration of a special topic of their own choosing under the guidance of a faculty mentor. To be eligible for admission to the honors program, students must have completed at least 24 credits in philosophy, at least 12 of which have been taken at the University of Oregon. The honors candidate's grade point average (GPA) in philosophy must be at least 3.50, maintained through graduation. To graduate with honors, the candidate must fulfill the following requirements:

Courses

Besides the courses required of majors, a candidate for departmental honors must take at least 16 of the 52 credits in philosophy at the 400 level.

Senior Thesis

The candidate must write an honors thesis under the guidance of a member of the philosophy faculty chosen as thesis advisor. The thesis must demonstrate the student's ability to formulate a significant research problem, research primary resources, interpret sources with imagination and technical skill, and present the finished work in a form meeting professional standards in philosophy. The thesis must be approved by a thesis committee consisting of two faculty members from the philosophy department. Approval of the thesis depends in part on a public defense attended by the committee.

Upon fulfilling these requirements, the candidate is approved to receive a bachelor's degree with honors in philosophy.

Minor Requirements

Minor in Philosophy

PHIL310–312	History of Philosophy	12
Course on the work of a specific philosopher		4
Upper-division course		4
Additional philosophy course		4
Total Credits		**24**

Courses must be passed with grades of C– or better or P (pass). No more than 8 credits may be taken pass/no pass.

Minor in Ethics

PHIL102	Ethics	4
orPHIL323	Moral Theory	
Five ethics-related courses chosen from the following:		20
PHIL102	Ethics	
PHIL120	Ethics of Enterprise and Exchange	
PHIL123	Internet, Society, and Philosophy	
PHIL170	Love and Sex	
PHIL216	Philosophy and Cultural Diversity	
PHIL307	Social and Political Philosophy	
PHIL308	Social and Political Philosophy	
PHIL309	Global Justice	
PHIL315	Introduction to Feminist Philosophy	
PHIL323	Moral Theory	
PHIL330	Philosophy and Disaster	
PHIL335	Medical Ethics	
PHIL340	Environmental Philosophy	
PHIL342	Introduction to Latin American Philosophy	
PHIL343	Critical Theory	
PHIL344	Introduction to Philosophy of Law	
PHIL345	Place in the Cosmos	
PHIL443	Feminist Philosophy: [Topic]	
PHIL451	Native American Philosophy	
PHIL452	Philosophy and Race	

Courses must be passed with grades of C– or better or P (pass). No more than 8 credits may be taken pass/no pass. Twelve credits must be taken at the upper-division level, 4 credits of which must be at the 400 level.

A minimum of 12 upper-division credits must be take in residence at the University of Oregon.

Students with a major in philosophy may not earn a minor in ethics (although minoring in both ethics and philosophy is permitted).

The minor will be awarded beginning fall 2015; students with course work earned prior to fall 2015 will be permitted to use that course work toward the requirements for the minor.

- **Master of Arts: Distribution** (p. 315)
- **Master of Arts: Thesis** (p. 316)
- **Doctor of Philosophy**

Graduate Studies

The department offers a graduate program leading to the master of arts (MA) and the doctor of philosophy (PhD) degrees. The program, which is pluralistic in orientation, requires students to develop a broad knowledge of the history of philosophy, major fields, and various approaches and methods. Students are urged to concentrate in a specific area at the advanced level.Specializations are supported in American philosophy, continental philosophy, and feminist philosophy, with particular strengths in phenomenology, German idealism, critical theory, philosophical psychology, philosophy of race, Latin American philosophy, gender and sexuality, ancient philosophy, environmental philosophy, and aesthetics.

Each student designs a program in consultation with the graduate advisor.Two or more years are typically required for completing the MA degree, and five or more years are typically required for completing the PhD degree.A complete and detailed list of the university and department requirements for graduate degrees is available online through the department website.

Master of Arts Degree Requirements

The master's program is designed to prepare students for PhD research or other professional pursuits through providing a broad background in the history of philosophy and recent developments in the areas of philosophy that are strengths of the department.

There are two paths to earning a master's degree. The first requires completion of the second-language requirement and 48 credit hours of graduate course work including the distribution requirements (listed below). The second requires satisfaction of the second-language requirement, completing 45 credits of graduate course work—9 of which are taken in Thesis (PHIL503)—and the writing of a master's thesis under the direction of a thesis advisor with a second faculty reader.

The distribution requirements may be satisfied by receiving a mid-B or better in

- two courses in each of three subdisciplinary fields: society and value; knowledge, rationality, and inquiry; and metaphysics
- one course from each of three out of the four historical periods: ancient and medieval, modern (16th–18th centuries), 19th century, and 20th and 21st centuries
- two courses from each of the four philosophical traditions—continental, analytic, American, and feminist—that ground the diverse philosophical perspectives of the department, one of which is a proseminar taken within the first two years of graduate study
- one course in one of four requirement areas: Asian philosophy, philosophy of race, Native American philosophy, and Latin American philosophy

A single course may count toward each of two categories, but no more than once in a single category. For example, a course may count in a subdisciplinary field such as metaphysics, and, at the same time, apply to the history requirement or the traditions requirement.

Master of Arts: Distribution

Subdisciplinary Requirements	
Two courses about society and value	8
Two courses about knowledge, rationality, and inquiry	8
Two courses about metaphysics	8
History Requirements	
Select three of the following:	12
Course from ancient and medieval period	
Course from modern (16th-18th centuries) period	
Course from 19th century	
Course from 20th and 21st centuries	
Traditions Requirements	
Two courses about continental philosophical traditions [1]	8
Two courses about analytic philosophic traditions [1]	8
Two courses about American philosophical traditions [1]	8
Two courses about feminist philosophical traditions [1]	8
Requirements Areas	
Select one of the following:	4
Course in Asian philosophy	
Course in philosophy of race	
Course in Native American philosophy	
Course in Latin American philosophy	
Total Credits	**72**

[1] One philosophical tradition course must be a proseminar taken within the first two years of graduate study.

For the thesis requirement, the student asks two faculty members to serve as his or her master's committee, with one agreeing to serve as chair. The student prepares a short (maximum five pages) description of the proposed thesis topic. Once both committee members have approved the thesis proposal, the student registers for as many as 9 credits of Thesis (PHIL 503) during the one or two terms over which the thesis is written. Typically, the committee chair meets periodically with the student to assess progress and to oversee the writing of the thesis. When both members of the thesis committee agree that the thesis is suitable for a final defense, the candidate schedules a one-hour oral examination, during which the committee members ask questions about the argument and make suggestions for further revision, if necessary. The thesis is completed when it is given final approval by both members of the committee and is accepted by the Graduate School as satisfying its requirements for thesis preparation.

Master of Arts: Thesis

PHIL503	Thesis	9
Additional graduate-level philosophy courses		36
Total Credits		**45**

Additional Requirement

Students must complete the second-language requirement.

The student asks two faculty members to serve as his or her master's committee, with one agreeing to serve as chair. The student prepares a short (maximum five pages) description of the proposed thesis topic. Once both committee members have approved the thesis proposal, the student registers for Thesis (PHIL503) during the one or two terms over which the thesis is written. Typically, the committee chair meets periodically with the student to assess progress and to oversee the writing of the thesis. When both members of the thesis committee agree that the thesis is suitable for a final defense, the candidate schedules a one-hour oral examination, during which the committee members ask questions about the argument and make suggestions for further revision, if necessary. The thesis is completed when it is given final approval by both members of the committee and is accepted by the Graduate School as satisfying its requirements for thesis preparation.

Doctor of Philosophy

The PhD degree requires a minimum of 81 credits of graduate-level course work, of which 18 must be in Dissertation (PHIL 603). Students must complete a logic requirement, demonstrate proficiency in a second language, complete the four course distribution requirements, and pass two comprehensive examinations—extensive research projects, one in history (a paper) and one in the student's area of specialization (a literature review). Most students finish their doctoral degrees within five to six years. The Graduate School imposes a limit of seven years for completion of the PhD degree.

The distribution requirements may be satisfied by receiving a mid-B or better in

- two courses in each of three subdisciplinary fields: society and value; knowledge, rationality, and inquiry; and metaphysics
- one course from each of three out of the four historical periods: ancient and medieval, modern (16th–18th centuries), 19th century, and 20th and 21st centuries
- two courses from each of the four philosophical traditions—continental, analytic, American, and feminist—that ground the diverse philosophical perspectives of the department, one of which is a proseminar taken within the first two years of graduate study
- one course in one of four requirement areas: Asian philosophy, philosophy of race, Native American philosophy, and Latin American philosophy

A single course may count toward each of two categories, but no more than once in a single category.

Subdisciplinary Requirements	
Two courses about society and value	8
Two courses about knowledge, rationality, and inquiry	8
Two courses about metaphysics	8
History Requirements	
Select three of the following:	12
Course from ancient and medieval period	
Course from modern (16th-18th centuries) period	
Course from 19th century	
Course from 20th and 21st centuries	
Traditions Requirements	
Two courses about continental philosophical traditions [1]	8
Two courses about analytic philosophic traditions [1]	8
Two courses about American philosophical traditions [1]	8
Two courses about feminist philosophical traditions [1]	8
Requirements Areas	
Select one of the following:	4
Course in Asian philosophy	
Course in philosophy of race	
Course in Native American philosophy	
Course in Latin American philosophy	
Dissertation	
PHIL603 Dissertation	18
Total Credits	**90**

1 One philosophical tradition course must be a proseminar taken within the first two years of graduate study.

Additional Requirements

The comprehensive examinations are passed by completing two substantial research papers under the supervision of faculty members. Students are advanced to candidacy upon completion of the comprehensives. A dissertation prospectus must be accepted by the candidate's committee after a preliminary oral examination. The written dissertation must receive the approval of the dissertation committee after a final oral examination.

Admission

Applicants for admission to graduate studies are asked to write a brief letter explaining their philosophical background and their specific philosophical interests. This helps the department's admissions committee decide whether this is an appropriate philosophy department for the applicant's goals. They should also submit a writing sample, a college transcript, and a notification of their scores on the Graduate Record Examinations (GRE). International students must provide proof of competence in English. A score of at least 500 on the Test of Spoken English (TSE), 26 on the Internet-based Test of English as a Foreign Language (TOEFL), or 7 on the International English Language Testing System (IELTS) is required of international students unless their native language is English.

In addition to general university regulations governing graduate admission (see the **Graduate School** section of this catalog), the Department of Philosophy requires applicants to submit three confidential report forms completed by teachers (preferably philosophy teachers) familiar with the applicant's academic background.

The application process is exclusively online; a link to the application guidelines is posted on the department website. Applicants who are unable to make the application fee payment online with Visa, Discover, or MasterCard may now pay online with a check. This application and one complete set of transcripts, together with the $50 application fee, should be sent to the Office of Admissions, 1217 University of Oregon, Eugene OR 97403-1217. A second set of transcripts should be forwarded to the Department of Philosophy. Confidential report forms should be sent

directly to the department by the faculty members recommending the applicant if they are unable to upload their letters of recommendation.

Graduate teaching fellowships are the only form of financial aid available in the philosophy department; the application deadline is January 15 for the following academic year. An application form is provided upon request.

Courses

PHIL101. Philosophical Problems. 4 Credits.
Introduction to philosophy based on classical and modern texts from Plato through the 21st century. Sample topics include free will, the mind-body problem, the existence of an external world.

PHIL102. Ethics. 4 Credits.
Philosophical study of morality (e.g., ethical relativism; justification of moral judgments; concepts of duty, right, and wrong).

PHIL103. Critical Reasoning. 4 Credits.
Introduction to thinking and reasoning critically. How to recognize, analyze, criticize, and construct arguments.

PHIL110. Human Nature. 4 Credits.
Consideration of various physiological, cultural, psychological, and personal forces that characterize human beings, taking into account issues of class, gender, race, and sexual orientation.

PHIL120. Ethics of Enterprise and Exchange. 4 Credits.
Moral examination of business by considering the nature of enterprise and exchange. Topics include corporate and consumer responsibility, meaningful work, and leadership.

PHIL123. Internet, Society, and Philosophy. 4 Credits.
Introduction to philosophical problems of the Internet. Primary focus on social, political, and ethical issues with discussion of epistemological and metaphysical topics.

PHIL130. Philosophy and Popular Culture. 4 Credits.
Engages in critical philosophical reflection about and through popular culture, including movies, music, graphic novels, and sports.

PHIL170. Love and Sex. 4 Credits.
Philosophical study of love, relationships, marriage, sex, sexuality, sexual identity, and sexual representation.

PHIL199. Special Studies: [Topic]. 1-5 Credits.
Repeatable.

PHIL211. Existentialism. 4 Credits.
Basic ideas of the Christian and atheistic divisions of the existentialist movement; some attention to the philosophical situation that generated the existentialist rebellion.

PHIL213. Asian Philosophy. 4 Credits.
Introduction to classic writings in the Chinese, Indian, Japanese, and other Asian philosophical traditions.

PHIL216. Philosophy and Cultural Diversity. 4 Credits.
Philosophical investigation of the implications of cultural diversity for identity, knowledge, and community, from the perspectives of several American cultures.

PHIL307. Social and Political Philosophy. 4 Credits.
Major social and political theorists from Plato through Marx. Inquiry into such ideas as justice, natural law, natural rights, and the social contract.

PHIL308. Social and Political Philosophy. 4 Credits.
Major social and political theorists from Plato through Marx. Inquiry into such ideas as justice, natural law, natural rights, and the social contract.

PHIL309. Global Justice. 4 Credits.
Introduction to philosophical problems of globalization and justice related to global poverty, citizenship, human rights, and issues of identity, multiculturalism, war,terrorism, environmentalism and health care.

PHIL310. History of Philosophy: Ancient and Medieval. 4 Credits.
Focuses primarily on Plato and Aristotle. Examines their roots in pre-Socratic philosophy and their influence on medieval philosophers such as St. Augustine and St. Thomas Aquinas.
Prereq: one lower-division philosophy course.

PHIL311. History of Philosophy: Modern. 4 Credits.
Survey of European philosophy through Hume, including the work of Descartes, Locke, and Spinoza.

PHIL312. History of Philosophy: 19th Century. 4 Credits.
Traces Kant's influence on such philosophers as Hegel, Nietzsche, and Marx.
Prereq: one philosophy course

PHIL315. Introduction to Feminist Philosophy. 4 Credits.
Introduces basic questions of philosophy through topics central to feminism.

PHIL320. Philosophy of Religion. 4 Credits.
Philosophical investigation of the nature of "religion" (e.g., the nature of the sacred, spirituality, and transcendence).
Prereq: one philosophy course.

PHIL322. Philosophy of the Arts. 4 Credits.
Survey of classical and contemporary theories of art and aesthetic experience, with examples from various arts.
Prereq: one philosophy course.

PHIL323. Moral Theory. 4 Credits.
Study of the most important traditional ethical theories; modern philosophical analysis of moral terms and statements.
Prereq: one philosophy course.

PHIL325. Logic, Inquiry, and Argumentation. 4 Credits.
Explores the means and ends of argumentation and inquiry by considering deductive reason, argumentation and emotion, and ethical and social dilemmas in inquiry.
Prereq: one philosophy course.

PHIL330. Philosophy and Disaster. 4 Credits.
Philosophical and interactive course on disaster preparation, with contemporary, historical, and current event readings; students also learn a new practical skill. Offered alternate years.

PHIL331. Philosophy in Literature. 4 Credits.
Selective study of major philosophical ideas and attitudes expressed in the literature of Europe and America.
Prereq: one philosophy course.

PHIL332. Philosophy of Film. 4 Credits.
Explores questions about the aesthetic dimensions of film, its relation to the other arts, and the treatment of philosophical questions in films.

PHIL335. Medical Ethics. 4 Credits.
Introduces theoretical tools and concrete case studies for formulating, analyzing, and evaluating ethical judgments raised by contemporary biomedical practice.

PHIL339. Introduction to Philosophy of Science. 4 Credits.
Examines theories of scientific practice, rationality, objectivity, values in science, and the role of science in society.
Prereq: one philosophy course.

PHIL340. Environmental Philosophy. 4 Credits.
Considers the nature and morality of human relationships with the environment (e.g., the nature of value, the moral standing of nonhuman life).

PHIL342. Introduction to Latin American Philosophy. 4 Credits.
History of Latin American philosophy through the study of ideas, issues, problems, and forms of thinking in the work of key periods, movements, and authors.

PHIL343. Critical Theory. 4 Credits.
Examines the methodological, epistemological, moral, and political dimensions of critical theory. Prereq: one philosophy course. Offered alternate years.

PHIL344. Introduction to Philosophy of Law. 4 Credits.
Introduces central problems in the law; examines the nature of legal reasoning.

PHIL345. Place in the Cosmos. 4 Credits.
Explores the relation between humans and the cosmos as a matter of place by comparing seminal texts in the history of philosophy. Offered alternate years.

PHIL350. Metaphysics. 4 Credits.
Traditional issues in metaphysics selected from among such topics as substance, existence, time, causation, God, the nature of individuals, and the meaningfulness of metaphysics.
Prereq: one philosophy course.

PHIL399. Special Studies: [Topic]. 1-5 Credits.
Repeatable.

PHIL401. Research: [Topic]. 1-21 Credits.
Repeatable.

PHIL403. Thesis. 1-12 Credits.
Repeatable.

PHIL405. Reading and Conference: [Topic]. 1-21 Credits.
Repeatable.

PHIL407. Seminar: [Topic]. 1-5 Credits.
Repeatable. Recent topics include Eastern Philosophy, Feminist Theory, Nonviolence.
Prereq: one 300-level philosophy course.

PHIL410. Experimental Course: [Topic]. 1-5 Credits.
Repeatable.

PHIL415. Continental Philosophy: [Topic]. 4 Credits.
Survey of significant areas in the Continental tradition, e.g. phenomenology, critical social theory, deconstruction, feminism, and hermeneutics. Repeatable when topic changes.
Prereq: junior standing.

PHIL420. American Philosophy: [Topic]. 4 Credits.
Survey of significant areas of the American tradition, e.g. 19th-, 20th-, and 21st-century thought, African and Native American thought, feminism, recent pragmatism, the self, and pluralism. Repeatable when topic changes.
Prereq: junior standing.

PHIL421. Ancient Philosophers: [Topic]. 4 Credits.
Repeatable. Concentrates on the work of a single philosopher, typically Plato or Aristotle. Repeatable when philosopher changes.
Prereq: PHIL 310.

PHIL425. Philosophy of Language. 4 Credits.
Philosophical theories of language and meaning, with special attention to the nature of concepts and reasoning.
Prereq: junior standing.

PHIL433. 17th- and 18th-Century Philosophers: [Topic]. 4 Credits.
Repeatable. Concentrates on the work of a single philosopher, typically Descartes, Locke, Hume, Leibniz, Berkeley, or Kant. Repeatable when philosopher changes.
Prereq: PHIL 310, 311.

PHIL443. Feminist Philosophy: [Topic]. 4 Credits.
Repeatable. Examines contemporary feminist contributions to philosophy. Repeatable once for maximum of 8 credits.
Prereq: one 300-level PHIL course

PHIL451. Native American Philosophy. 4 Credits.
Survey of Native American philosophy focusing on philosophical perspectives in historical traditions and contemporary Native American philosophy. Offered alternate years.

PHIL452. Philosophy and Race. 4 Credits.
Surveys the philosophical contribution to studies of race including intellectual history, philosophy of science, racism and its remedies, media studies, and cultural criticism.
Prereq: one philosophy course at the 300 level.

PHIL453. 19th-Century Philosophers: [Topic]. 4 Credits.
Repeatable. Concentrates on the work of a single philosopher, typically Hegel, Nietzsche, Marx, or Kierkegaard. Repeatable when philosopher changes.
Prereq: PHIL 312.

PHIL463. 20th-Century Philosophers: [Topic]. 4 Credits.
Repeatable. Concentrates on the work of a single philosopher (e.g., Wittgenstein, Dewey, Quine, Merleau-Ponty, C.I. Lewis, or Foucault). Repeatable when philosopher changes.
Prereq: junior standing.

PHIL471H. Honors Thesis Workshop. 2 Credits.
Study methods of philosophical research and writing; develop an honors thesis project.

PHIL475H. Honors Seminar. 4 Credits.
In-depth study of a particular area or problem in philosophy for students pursuing departmental honors.

PHIL503. Thesis. 1-16 Credits.
Repeatable.

PHIL507. Seminar: [Topic]. 1-5 Credits.
Repeatable. Recent topics include Eastern Philosophy, Feminist Theory, Nonviolence, Philosophy and Race, Philosophy and Tragedy, Philosophy of Education, Philosophy of Nature.

PHIL510. Experimental Course: [Topic]. 1-5 Credits.
Repeatable.

PHIL521. Ancient Philosophers: [Topic]. 4 Credits.
Repeatable. Concentrates on the work of a single philosopher, typically Plato or Aristotle. Repeatable when philosopher changes.

PHIL533. 17th- and 18th-Century Philosophers: [Topic]. 4 Credits.
Repeatable. Concentrates on the work of a single philosopher, typically Descartes, Locke, Hume, Leibniz, Berkeley, or Kant. Repeatable when philosopher changes.

PHIL551. Native American Philosophy. 4 Credits.
Survey of Native American philosophy focusing on philosophical perspectives in historical traditions and contemporary Native American philosophy. Offered alternate years.

PHIL553. 19th-Century Philosophers: [Topic]. 4 Credits.
Repeatable. Concentrates on the work of a single philosopher, typically Hegel, Nietzsche, Marx, or Kierkegaard. Repeatable when philosopher changes.

PHIL563. 20th-Century Philosophers: [Topic]. 4 Credits.
Repeatable. Concentrates on the work of a single philosopher (e.g., Wittgenstein, Dewey, Quine, Merleau-Ponty, C.I. Lewis, or Foucault). Repeatable when philosopher changes.

PHIL601. Research: [Topic]. 1-16 Credits.
Repeatable.

PHIL602. Supervised College Teaching. 1-16 Credits.
Repeatable.

PHIL603. Dissertation. 1-16 Credits.
Repeatable.

PHIL605. Reading and Conference: [Topic]. 1-16 Credits.
Repeatable.

PHIL607. Seminar: [Topic]. 1-5 Credits.
Repeatable. Recent topics include Emerson, Philosophy of Race, Recent Moral Theory, Schelling.

PHIL610. Experimental Course: [Topic]. 1-5 Credits.
Repeatable.

PHIL614. Issues in Ethics. 4 Credits.
Examination of ethical theory.
Prereq: major standing.

PHIL615. Continental Philosophy: [Topic]. 4 Credits.
Explores philosophical problems and traditions in contemporary European philosophy. Repeatable when topic changes.

PHIL620. American Philosophy: [Topic]. 4 Credits.
Treats issues in classical and contemporary American philosophy. Repeatable when topic changes.

PHIL625. Philosophy of Language. 4 Credits.
Philosophical theories of language and meaning, with special attention to the nature of concepts and reasoning.

PHIL641. Social and Political Philosophy: [Topic]. 4 Credits.
Examination of classical and current problems in social and political philosophy including the nature of justice, legitimacy of the state, conditions of war and peace. Repeatable when topic changes.

PHIL643. Feminist Philosophy: [Topic]. 4 Credits.
Explores contemporary feminist philosophy. Repeatable when topic changes.

PHIL645. Environmental Philosophy: [Topic]. 4 Credits.
Pursues advanced questions in environmental philosophy regarding a particular tradition or problem area. Repeatable when topic changes.

PHIL657. Philosophy and Race: Contemporary Issues. 4 Credits.
Examination of contemporary discussions regarding race including biology and race, race in medicine, reparations, perspectives on race in Continental and American philosophy.

PHIL658. Philosophy of Mind. 4 Credits.
Analyzes basic concepts and problems in psychology.

PHIL670. Issues in Metaphysics. 4 Credits.
Discussion of current controversies in metaphysics (e.g., essentialism, identity, future contingency).
Prereq: major standing.

Physics

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Eugene, Oregon 97403-1274

Physics, the most basic of the natural sciences, is concerned with the discovery and development of the laws that describe our physical universe. This endeavor serves, also, to directly benefit humankind: integrated circuits found in computers, mobile phones, and solar cells, lasers in DVD players and computer mice, and the Internet itself were developed from fundamental physics discoveries.

Faculty

Benjamín Alemán, assistant professor (experimental condensed matter, optical physics). BS, 2004, Oregon; MA, 2010, PhD, 2011, California, Berkeley. (2013)

Dietrich Belitz, professor (condensed matter theory). Dipl Phys, 1980, Dr.rer.nat., 1982, Technical University Munich. (1987)

Gregory D. Bothun, professor (astronomy). BS, 1976, PhD, 1981, Washington (Seattle). (1990)

James E. Brau, Philip H. Knight Professor (experimental elementary particle physics). BS, 1969, United States Air Force Academy; MS, 1970, PhD, 1978, Massachusetts Institute of Technology. (1988)

Spencer Chang, assistant professor (theoretical high-energy physics). BS, 1999, Stanford; PhD, 2004, Harvard. (2010)

Timothy Cohen, assistant professor (elementary particle theory). BS, 2006, MS, 2009, PhD, 2011, Michigan, Ann Arbor. (2015)

Eric Corwin, assistant professor (biophysics, soft condensed matter). BA, 2001, Harvard; PhD, 2007, Chicago. (2010)

Paul L. Csonka, professor (elementary particle theory). PhD, 1963, Johns Hopkins. (1968)

Nilendra G. Deshpande, professor (elementary particle theory). BSc, 1959, MSc, 1960, Madras; PhD, 1965, Pennsylvania. (1975)

Miriam Deutsch, professor (optical physics). BSc, 1988, PhD, 1996, Hebrew. (2000)

Russell J. Donnelly, professor (physics of fluids, superfluidity, astrophysics). BSc, 1951, MSc, 1952, McMaster; MS, 1953, PhD, 1956, Yale. (1966)

R. Scott Fisher, lecturer (astronomy). BS, 1993, PhD, 2001, Florida. (2012)

Raymond E. Frey, professor (experimental elementary particle physics). BA, 1978, California, Irvine; MS, 1981, PhD, 1984, California, Riverside. (1989)

Stephen Gregory, associate professor (solid state physics). BSc, 1969, Manchester; MSc, 1970, Essex; PhD, 1975, Waterloo. (1992)

Roger Haydock, professor (solid state theory). BA, 1968, Princeton; MA, PhD, 1972, ScD, 1989, Cambridge. (1982)

James N. Imamura, professor (astrophysics); director, Institute of Theoretical Science. BA, 1974, California, Irvine; MA, 1978, PhD, 1981, Indiana. (1985)

Timothy Jenkins, senior instructor (physics education). BA, 1975, Linfield College; PhD, 1992, Clarkson. (1992)

Stephen D. Kevan, professor (solid state physics). BA, 1976, Wesleyan; PhD, 1980, California, Berkeley. (1985)

Graham Kribs, Alec and Kay Keith Professor in Physics (elementary particle theory). BASc, 1993, Toronto; PhD, 1998, Michigan, Ann Arbor. (2004)

Dean W. Livelybrooks, senior instructor (geophysics). BS, 1977, Massachusetts Institute of Technology; MS, 1984, PhD, 1990, Oregon. (1996)

Stephanie Majewski, assistant professor (experimental elementary particle physics). BS, 2002, Illinois, Urbana-Champaign; PhD, 2007, Stanford. (2012)

Brian W. Matthews, College of Arts and Sciences Distinguished Professor (protein crystallography). BSc, 1959, BSc, 1960, PhD, 1964, Adelaide. (1969)

Benjamin McMorran, assistant professor (experimental condensed matter, optical physics). BS, 2000, Oregon State; MS, PhD, 2009, Arizona. (2011)

Stanley J. Micklavzina, senior instructor (physics education). BS, 1982, MS, 1985, Oregon. (1985)

Jens Nöckel, associate professor (optical physics). Dipl. Phys., 1992, Hamburg; PhD, 1997, Yale. (2001)

Raghuveer Parthasarathy, associate professor (condensed matter physics, biophysics). BA, 1997, California, Berkeley; PhD, 2002, Chicago. (2006)

Michael G. Raymer, Philip H. Knight Professor (quantum optics and optical physics). BA, 1974, California, Santa Cruz; PhD, 1979, Colorado. (1988)

Stephen J. Remington, professor (protein crystallography). BS, 1971, Oregon State; PhD, 1977, Oregon. (1985)

James M. Schombert, Noble F. and Frances L. Miller Professor in Astrophysics (astronomy). BS, 1979, Maryland; MPhil, 1982, PhD, 1984, Yale. (1996)

Davison E. Soper, professor (elementary particle theory). BA, 1965, Amherst; PhD, 1971, Stanford. (1977)

Daniel Steck, associate professor (atom optics and nonlinear dynamics). BS, 1995, Dayton; PhD, 2001, Texas, Austin. (2004)

David M. Strom, professor (experimental elementary particle physics). BA, 1980, St. Olaf; PhD, 1986, Wisconsin, Madison. (1991)

Richard P. Taylor, professor (solid state physics). BS, 1985, PhD, 1988, Nottingham. CAD, 1995, Manchester School of Art; MA, 2000, New South Wales. (1999)

John J. Toner, professor (condensed matter theory). BS, 1977, Massachusetts Institute of Technology; MA, 1979, PhD, 1981, Harvard. (1995)

Eric Torrence, professor (experimental elementary particle physics). BS, 1990, Washington (Seattle); PhD, 1997, Massachusetts Institute of Technology. (2000)

Steven J. van Enk, professor (theoretical optical physics). MSc, 1988, Utrecht; PhD, 1992, Leiden. (2006)

Hailin Wang, professor (quantum optics). BS, 1982, Science and Technology (China); MS, 1986, PhD, 1990, Michigan. (1995)

Special Staff

Robert Schofield, senior research associate (nuclear biophysics). BS, 1982, Brigham Young; PhD, 1990, Oregon. (1993)

Nikolai Sinev, senior research associate (experimental high energy physics). BS, 1968, PhD, 1974, Moscow State. (1993)

Frank Vignola, senior research associate (solar energy). BA, 1967, California, Berkeley; MS, 1969, PhD, 1975, Oregon. (1977)

Emeriti

Bernd Crasemann, professor emeritus. AB, 1948, California, Los Angeles; PhD, 1953, California, Berkeley. (1953)

Marvin D. Girardeau, professor emeritus. BS, 1952, Case Institute of Technology; MS, 1954, Illinois; PhD, 1958, Syracuse. (1963)

Rudolph C. Hwa, professor emeritus. BS, 1952, MS, 1953, PhD, 1957, Illinois; PhD, 1962, Brown. (1971)

Harlan Lefevre, professor emeritus. BA, 1951, Reed; PhD, 1961, Wisconsin. (1961)

Joel W. McClure Jr., professor emeritus. BS, 1949, MS, 1951, Northwestern; PhD, 1954, Chicago. (1954)

David K. McDaniels, professor emeritus. BS, 1951, Washington State; MS, 1958, PhD, 1960, Washington (Seattle). (1963)

John T. Moseley, professor emeritus. BS, 1964, MS, 1966, PhD, 1969, Georgia Institute of Technology. (1979)

Jack C. Overley, professor emeritus. BS, 1954, Massachusetts Institute of Technology; PhD, 1960, California Institute of Technology. (1968)

Kwangjai Park, professor emeritus. BA, 1958, Harvard; PhD, 1965, California, Berkeley. (1966)

George W. Rayfield, professor emeritus. BS, 1958, Stanford; PhD, 1964, California, Berkeley. (1967)

David R. Sokoloff, professor emeritus. BA, 1966, City University of New York, Queens; PhD, 1972, Massachusetts Institute of Technology. (1978)

Robert L. Zimmerman, professor emeritus. BA, 1958, Oregon; PhD, 1963, Washington (Seattle). (1966)

The date in parentheses at the end of each entry is the first year on the University of Oregon faculty.

- **Bachelor of Arts: Applied Physics**
- **Bachelor of Arts: Teaching Physics** (p. 322)
- **Bachelor of Arts: Physics**
- **Bachelor of Science: Applied Physics**
- **Bachelor of Science: Teaching Physics**
- **Bachelor of Science: Physics**
- **Minor**

Undergraduate Studies

As it involves the development of analytical, technical, problem-solving, and science communication skills, a major in physics provides a good start for many career paths. In addition to major and minor programs, the Department of Physics offers a variety of courses for nonmajors and health science premajor students.

Preparation

Entering freshmen should have taken as much high school mathematics as possible in preparation for starting calculus in their freshman year. High school study of physics and chemistry is desirable.

Transfer Students

Because of the sequential nature of the physics curriculum, it is useful for students from two-year colleges to complete as much as possible of calculus, differential equations, several-variable calculus, chemistry, and calculus-based physics (part of an associate's degree) before transferring.

Years Completed Before Transfer	Suggested Completed Courses	UO Equivalent Courses
Two, more than two	One year of differential and integral calculus	MATH251–253
Two, more than two	One year of calculus general physics with laboratory	PHYS251–253, PHYS290
Two, more than two	General chemistry	CH221–222 or CH224H–225H
Two, more than two	One term of differential equations and two terms of multivariable calculus	MATH256, MATH281–282
More than two	Second year of physics	

Transfer students should also have completed as many as possible of the university requirements for the bachelor's degree (see Bachelor's Degree Requirements (p. 22)).

Careers

Fifty percent of graduates with bachelor's degrees in physics find employment in the private sector working as applied physicists, software developers, managers, or technicians, typically alongside engineers and computer scientists. About 30 percent of students who earn an undergraduate degree continue their studies in a graduate degree program, leading to a career in teaching or research or both at a university, at a government laboratory, or in industry. In addition, a degree in physics is good preparation for a career in business. Students who have demonstrated their ability with a good record in an undergraduate physics program are generally considered very favorably for admission to medical and other professional schools.

Major Requirements

The major in physics leads to a bachelor of arts (BA) or a bachelor of science degree (BS). Complete requirements are listed under **Bachelor's Degree Requirements**. The bachelor of arts degree has a second-language requirement. Knowledge of a language other than English is recommended for students planning graduate study in physics.

Required courses must be taken for letter grades and a grade point average of 2.00 (mid-C) or better must be earned in these courses. Courses beyond the minimum requirement may be taken pass/no pass (P/N). At least 20 of the upper-division credits must be completed in residence at the University of Oregon. Exceptions to these requirements must be approved by the physics director of undergraduate studies.

Undergraduate research is strongly encouraged. Laboratory courses such as Foundations of Physics Laboratory (PHYS290) and Physics Experimentation Data Analysis Laboratory (PHYS391) provide the correct foundation. Approximately 50 percent of physics undergraduates engage in substantive research during their course of study—typically beginning withResearch Project I-III (PHYS491–493).Contact the physics advisor for more information.

The sequential nature of physics courses makes it imperative to start planning a major program in physics early. Interested students should consult the advisor in the Department of Physics near the beginning of their studies. Sample programs are designed for students who are preparing for employment in industry and choose the applied physics emphasis or who are preparing for graduate studies and choose the physics emphasis. The programs assume that students are prepared to take calculus in their freshman year. Consult the physics advisor for assistance in planning a specific program adapted to a student's individual needs.

The department offers three areas of emphasis for the physics major.

- **physics—**designed for majors with a strong interest in studying physics in graduate school
- **applied physics—**designed for majors who seek a less theoretical study of physics and a more applied focus in optics, electronics, and other project areas
- **teaching physics—**designed for majors preparing to teach physical sciences in middle or high school

All physics majors have the same curriculum for the first two years.

Bachelor of Arts: Applied Physics

Physics Core Courses		
CH221–222	General Chemistry	8
orCH224H–225H	Honors General Chemistry	
MATH251–253	Calculus I-III	12
orMATH261–263	Calculus with Theory I-III	
PHYS251–253	Foundations of Physics I	12
MATH256	Introduction to Differential Equations	4
MATH281–282	Several-Variable Calculus I-II	8
PHYS290	Foundations of Physics Laboratory	3
PHYS351–353	Foundations of Physics II	12

PHYS391	Physics Experimentation Data Analysis Laboratory	4
Applied Physics Upper-Division Courses		
PHYS412–413	Mechanics, Electricity, and Magnetism	8
Applied Physics Core Courses		
Select one of the following:		8
PHYS424 &PHYS425	Classical Optics and Modern Optics	
PHYS431 &PHYS432	Analog Electronics and Digital Electronics	
Other Laboratory Courses		
Three courses [1]		12
Total Credits		**91**

1 Any combination of the four core courses listed for the Applied emphasis that have not been used to satisfy the core, and Research Project I-III (PHYS491–493) topic modules satisfy this requirement. Different topic modules (e.g., optics, instrumentation, fundamental) of Research Project I-III (PHYS491–493) may be taken.

Applied Physics Sample Program

First Year		**Credits**
CH221–222	General Chemistry	8
PHYS251–253	Foundations of Physics I	12
PHYS290	Foundations of Physics Laboratory (two or more terms)	3
MATH251–253	Calculus I-III	12
Second Year		
MATH256	Introduction to Differential Equations	4
MATH281–282	Several-Variable Calculus I-II	8
PHYS351–353	Foundations of Physics II	12
PHYS391	Physics Experimentation Data Analysis Laboratory	4
Third Year		
PHYS412–413	Mechanics, Electricity, and Magnetism	8
PHYS422	Electromagnetism	4
PHYS431	Analog Electronics	4
PHYS432	Digital Electronics	4
Fourth Year		
PHYS424	Classical Optics	4
PHYS425	Modern Optics	4
PHYS491–493	Research Project I-III	4
	Total Credits:	**95**

Bachelor of Science: Applied Physics

Physics Core Courses		
CH221–222	General Chemistry	8
orCH224H–225H	Honors General Chemistry	
MATH251–253	Calculus I-III	12
orMATH261–263	Calculus with Theory I-III	
PHYS251–253	Foundations of Physics I	12
MATH256	Introduction to Differential Equations	4
MATH281–282	Several-Variable Calculus I-II	8
PHYS290	Foundations of Physics Laboratory	3
PHYS351–353	Foundations of Physics II	12
PHYS391	Physics Experimentation Data Analysis Laboratory	4
Applied Physics Upper-Division Courses		
PHYS412–413	Mechanics, Electricity, and Magnetism	8
Applied Physics Core Courses		
Select one of the following:		8
PHYS424 &PHYS425	Classical Optics and Modern Optics	
PHYS431 &PHYS432	Analog Electronics and Digital Electronics	
Other Laboratory Courses		
Three courses [1]		12
Total Credits		**91**

1 Any combination of the four core courses listed for the Applied emphasis that have not been used to satisfy the core, and Research Project I-III (PHYS491–493) topic modules satisfy this requirement. Different topic modules (e.g., optics, instrumentation, fundamental) of Research Project I-III (PHYS491–493) may be taken.

Applied Physics Sample Program

First Year		**Credits**
CH221–222	General Chemistry	8
PHYS251–253	Foundations of Physics I	12
PHYS290	Foundations of Physics Laboratory (two or more terms)	3
MATH251–253	Calculus I-III	12
Second Year		
MATH256	Introduction to Differential Equations	4
MATH281–282	Several-Variable Calculus I-II	8
PHYS351–353	Foundations of Physics II	12
PHYS391	Physics Experimentation Data Analysis Laboratory	4
Third Year		
PHYS412–413	Mechanics, Electricity, and Magnetism	8
PHYS422	Electromagnetism	4
PHYS431	Analog Electronics	4
PHYS432	Digital Electronics	4
Fourth Year		
PHYS424	Classical Optics	4
PHYS425	Modern Optics	4
PHYS491–493	Research Project I-III	4
	Total Credits:	**95**

Bachelor of Arts: Teaching Physics

Physics Core Courses		
CH221–222	General Chemistry	8
orCH224H–225H	Honors General Chemistry	
MATH251–253	Calculus I-III	12
orMATH261–263	Calculus with Theory I-III	
PHYS251–253	Foundations of Physics I	12
MATH256	Introduction to Differential Equations	4
MATH281–282	Several-Variable Calculus I-II	8

PHYS290	Foundations of Physics Laboratory	3
PHYS351–353	Foundations of Physics II	12
PHYS391	Physics Experimentation Data Analysis Laboratory	4
Teaching Physics Core Courses		
ASTR321	Topics in Astrophysics	4
PHYS362	Biological Physics	4
PHYS420	Physics Demonstrations	4
PHYS431 &PHYS432	Analog Electronics and Digital Electronics	8
PHYS491–493	Research Project I-III	8
PHYS409	Supervised Tutoring [1]	6
Total Credits		**97**

[1] Does not need to be taken for a letter grade.

Teaching Physics Sample Program

First Year		Credits
CH221–222	General Chemistry	8
PHYS251–253	Foundations of Physics I	12
PHYS290	Foundations of Physics Laboratory (two or more terms)	3
MATH251–253	Calculus I-III	12
Second Year		
MATH256	Introduction to Differential Equations	4
MATH281–282	Several-Variable Calculus I-II	8
PHYS351–353	Foundations of Physics II	12
PHYS391	Physics Experimentation Data Analysis Laboratory	4
Third Year		
ASTR321	Topics in Astrophysics	4
PHYS409	Supervised Tutoring	6
PHYS420	Physics Demonstrations	4
PHYS431	Analog Electronics	4
PHYS432	Digital Electronics	4
Fourth Year		
PHYS491–493	Research Project I-III	8
	Total Credits:	**93**

Bachelor of Science: Teaching Physics

Physics Core Courses		
CH221–222	General Chemistry	8
orCH224H–225H	Honors General Chemistry	
MATH251–253	Calculus I-III	12
orMATH261–263	Calculus with Theory I-III	
PHYS251–253	Foundations of Physics I	12
MATH256	Introduction to Differential Equations	4
MATH281–282	Several-Variable Calculus I-II	8
PHYS290	Foundations of Physics Laboratory	3
PHYS351–353	Foundations of Physics II	12
PHYS391	Physics Experimentation Data Analysis Laboratory	4
Teaching Physics Core Courses		
ASTR321	Topics in Astrophysics	4
PHYS362	Biological Physics	4
PHYS420	Physics Demonstrations	4
PHYS431 &PHYS432	Analog Electronics and Digital Electronics	8
PHYS491–493	Research Project I-III	8
PHYS409	Supervised Tutoring [1]	6
Total Credits		**97**

[1] Does not need to be taken for a letter grade.

Teaching Physics Sample Program

First Year		Credits
CH221–222	General Chemistry	8
PHYS251–253	Foundations of Physics I	12
PHYS290	Foundations of Physics Laboratory (two or more terms)	3
MATH251–253	Calculus I-III	12
Second Year		
MATH256	Introduction to Differential Equations	4
MATH281–282	Several-Variable Calculus I-II	8
PHYS351–353	Foundations of Physics II	12
PHYS391	Physics Experimentation Data Analysis Laboratory	4
Third Year		
ASTR321	Topics in Astrophysics	4
PHYS409	Supervised Tutoring	6
PHYS420	Physics Demonstrations	4
PHYS431	Analog Electronics	4
PHYS432	Digital Electronics	4
Fourth Year		
PHYS491–493	Research Project I-III	8
	Total Credits:	**93**

Bachelor of Arts: Physics

Physics Core Courses		
CH221–222	General Chemistry	8
orCH224H–225H	Honors General Chemistry	
MATH251–253	Calculus I-III	12
orMATH261–263	Calculus with Theory I-III	
PHYS251–253	Foundations of Physics I	12
MATH256	Introduction to Differential Equations	4
MATH281–282	Several-Variable Calculus I-II	8
PHYS290	Foundations of Physics Laboratory	3
PHYS351–353	Foundations of Physics II	12
PHYS391	Physics Experimentation Data Analysis Laboratory	4
Physics Upper-Division Courses		
PHYS411–413	Mechanics, Electricity, and Magnetism [1]	12
PHYS414–415	Quantum Physics	8
PHYS417	Topics in Quantum Physics	4
Upper-Division Laboratory Courses		

Three core courses [2]		6
Elective Courses		
ASTR321	Topics in Astrophysics	4
PHYS361	Modern Science and Culture	4
PHYS362	Biological Physics	4
PHYS422	Electromagnetism	4
PHYS424	Classical Optics	4
PHYS425	Modern Optics	4
Total Credits		**117**

1 Mechanics, Electricity, and Magnetism (PHYS411) and Mechanics, Electricity, and Magnetism (PHYS412) are sometimes offered out of sequence.

2 Any combination of Analog Electronics (PHYS431), Digital Electronics (PHYS432), or Research Project I-III (PHYS491–493)topic modules to total 6 credits. Different topic modules (e.g., optics, instrumentation, fundamental) for Research Project I-III (PHYS491–493) may be taken.

Physics Sample Program

First Year		Credits
CH221–222	General Chemistry	8
PHYS251–253	Foundations of Physics I	12
PHYS290	Foundations of Physics Laboratory (two or more terms)	3
MATH251–253	Calculus I-III	12
Second Year		
MATH256	Introduction to Differential Equations	4
MATH281–282	Several-Variable Calculus I-II	8
PHYS351–353	Foundations of Physics II	12
PHYS391	Physics Experimentation Data Analysis Laboratory	4
Third Year		
PHYS411–413	Mechanics, Electricity, and Magnetism	12
PHYS422	Electromagnetism	4
Select one or two of the following:		4-8
PHYS431	Analog Electronics	4
PHYS432	Digital Electronics	4
PHYS491	Research Project I	2-4
PHYS492	Research Project II	2-4
PHYS493	Research Project III	2-4
Physics or mathematics electives or both		4
Fourth Year		
PHYS414–415	Quantum Physics	8
PHYS417	Topics in Quantum Physics	4
Select one or two of the following:		4-8
PHYS431	Analog Electronics	4
PHYS432	Digital Electronics	4
PHYS491	Research Project I	2-4
PHYS492	Research Project II	2-4
PHYS493	Research Project III	2-4
Physics or mathematics electives or both		12
	Total Credits:	**115-123**

Bachelor of Science: Physics

Physics Core Courses		
CH221–222	General Chemistry	8
orCH224H–225H	Honors General Chemistry	
MATH251–253	Calculus I-III	12
orMATH261–263	Calculus with Theory I-III	
PHYS251–253	Foundations of Physics I	12
MATH256	Introduction to Differential Equations	4
MATH281–282	Several-Variable Calculus I-II	8
PHYS290	Foundations of Physics Laboratory	3
PHYS351–353	Foundations of Physics II	12
PHYS391	Physics Experimentation Data Analysis Laboratory	4
Physics Upper-Division Courses		
PHYS411–413	Mechanics, Electricity, and Magnetism [1]	12
PHYS414–415	Quantum Physics	8
PHYS417	Topics in Quantum Physics	4
Upper-Division Laboratory Courses		
Three core courses [2]		6
Elective Courses		
ASTR321	Topics in Astrophysics	4
PHYS361	Modern Science and Culture	4
PHYS362	Biological Physics	4
PHYS422	Electromagnetism	4
PHYS424	Classical Optics	4
PHYS425	Modern Optics	4
Total Credits		**117**

1 Mechanics, Electricity, and Magnetism (PHYS411) and Mechanics, Electricity, and Magnetism (PHYS412) are sometimes offered out of sequence.

2 Any combination of Analog Electronics (PHYS431), Digital Electronics (PHYS432), or Research Project I-III (PHYS491–493)topic modules to total 6 credits. Different topic modules (e.g., optics, instrumentation, fundamental) for Research Project I-III (PHYS491–493) may be taken.

Physics Sample Program

First Year		Credits
CH221–222	General Chemistry	8
PHYS251–253	Foundations of Physics I	12
PHYS290	Foundations of Physics Laboratory (two or more terms)	3
MATH251–253	Calculus I-III	12
Second Year		
MATH256	Introduction to Differential Equations	4
MATH281–282	Several-Variable Calculus I-II	8
PHYS351–353	Foundations of Physics II	12

PHYS391	Physics Experimentation Data Analysis Laboratory	4
Third Year		
PHYS411–413	Mechanics, Electricity, and Magnetism	12
PHYS422	Electromagnetism	4
Select one or two of the following:		4-8
PHYS431	Analog Electronics	4
PHYS432	Digital Electronics	4
PHYS491	Research Project I	2-4
PHYS492	Research Project II	2-4
PHYS493	Research Project III	2-4
Physics or mathematics electives or both		4
Fourth Year		
PHYS414–415	Quantum Physics	8
PHYS417	Topics in Quantum Physics	4
Select one or two of the following:		4-8
PHYS431	Analog Electronics	4
PHYS432	Digital Electronics	4
PHYS491	Research Project I	2-4
PHYS492	Research Project II	2-4
PHYS493	Research Project III	2-4
Physics or mathematics electives or both		12
	Total Credits:	**115-123**

Sample Programs for Transfer Students

These sample programs are for transfer students who have completed two years of college work including one year of calculus, one year of general physics with laboratories, one year of general chemistry, and as many as possible of the university requirements for the bachelor's degree. In addition to graduation requirements for the bachelor's degree, transfer students should plan to take the following courses, depending on their area of emphasis:

Applied Physics Emphasis

Third Year		**Credits**
MATH256	Introduction to Differential Equations	4
MATH281–282	Several-Variable Calculus I-II	8
PHYS351–353	Foundations of Physics II	12
PHYS391	Physics Experimentation Data Analysis Laboratory	4
Fourth Year		
PHYS412–413	Mechanics, Electricity, and Magnetism	8
PHYS422	Electromagnetism	4
PHYS424 &PHYS425	Classical Optics	8
Select one or two of the following:		4-8
PHYS431	Analog Electronics	2-4
PHYS432	Digital Electronics	2-4
PHYS491	Research Project I	2-4
PHYS492	Research Project II	2-4
PHYS493	Research Project III	2-4
	Total Credits:	**52-56**

Teaching Physics Emphasis

Third Year		**Credits**
ASTR321	Topics in Astrophysics	4
PHYS362	Biological Physics	4
PHYS409	Supervised Tutoring	6
PHYS420	Physics Demonstrations	4
PHYS431 &PHYS432	Analog Electronics	8
Fourth Year		
PHYS491–493	Research Project I-III	8
	Total Credits:	**34**

Physics Emphasis

Third Year		**Credits**
MATH256	Introduction to Differential Equations	4
MATH281–282	Several-Variable Calculus I-II	8
PHYS351–353	Foundations of Physics II	12
PHYS391	Physics Experimentation Data Analysis Laboratory	4
Fourth Year		
PHYS411–413	Mechanics, Electricity, and Magnetism	12
PHYS414–415	Quantum Physics	8
PHYS417	Topics in Quantum Physics	4
PHYS422	Electromagnetism	4
Select one or two of the following:		4-8
PHYS424	Classical Optics	4
PHYS425	Modern Optics	4
PHYS431	Analog Electronics	4
PHYS432	Digital Electronics	4
PHYS491	Research Project I	4
PHYS492	Research Project II	4
PHYS493	Research Project III	4
Mathematics or physics electives or both		8
	Total Credits:	**68-72**

Honors

To be recommended by the faculty for graduation with honors in physics, a student must complete at least 46 credits in upper-division physics courses, of which at least 40 credits must be taken for letter grades, and earn at least a 3.50 grade point average in these courses.

As an alternative, undergraduate research leading to the defense of a thesis accompanied by at least a 3.30 grade point average can lead to recommendation for graduation with honors. Contact the director of undergraduate studies for more information.

Minor Requirements

Pre-Minor Requirements		
PHYS251–253	Foundations of Physics I [1]	12
orPHYS201–203	General Physics	
Required Courses		
PHYS351–353	Foundations of Physics II	12
orPHYS411–413	Mechanics, Electricity, and Magnetism	
Select one of the following:		4
PHYS391	Physics Experimentation Data Analysis Laboratory	
400-level physics course		
Physics courses		8
Total Credits		**36**

1 General Physics (PHYS201–203) may fulfill requirements with the physics undergraduate advisor's approval.

Additional Requirements

Course work must be completed with grades of C– or better or P. At least 12 of the upper-division credits must be completed in residence at the University of Oregon.

Engineering

Students interested in engineering may complete preparatory course work at the University of Oregon before enrolling in a professional engineering program at Oregon State University (OSU) or elsewhere. The Department of Physics coordinates a three-plus-two program that allows a student to earn a bachelor's degree in physics from Oregon and one in engineering from OSU. For more information, see Preparatory Programs in the **Academic Advising** section of this catalog.

Engineering students interested in semiconductor process engineering or polymer science may be interested in the nationally recognized master's industrial internship program. For more information, visit internship.uoregon.edu.

Preparation for Kindergarten through Secondary School Teaching Careers

The College of Education offers a fifth-year program for middle-secondary teaching licensure in physics and integrated sciences and a program for elementary teaching. Students considering a career pathway to teaching should consider following the physics teaching emphasis to prepare for the licensure programs. More information is available from the department's education advisor, Dean Livelybrooks; see also the **College of Education** section of this catalog.

- **Master of Arts**
- **Master of Science: Physics**
- **Master of Science: Applied Physics**
- **Doctor of Philosophy**

Graduate Studies

The Department of Physics offers graduate programs leading to the master of science degree in applied physics or to the master of arts (MA), master of science (MS), and doctor of philosophy (PhD) degrees in physics with a variety of opportunities for research. Current research areas include astronomy and astrophysics, biophysics, condensed matter physics, elementary particle physics, and optical physics.

The interdisciplinary Institute of Theoretical Science houses theoretical research in some of the above areas as well as in areas of overlap between chemistry and physics.

The Center for High Energy Physics conducts research in particle physics, much of it in laboratories outside Oregon.

The Materials Science Institute and the Oregon Center for Optics provide facilities, support, and research guidance for graduate students and postdoctoral fellows in the interdisciplinary application of concepts and techniques from both physics and chemistry to understanding physical systems.

Cooperative programs of study are possible in molecular biology through the Institute of Molecular Biology.

Pine Mountain Observatory

Pine Mountain Observatory, operated by the Department of Physics for research and advanced instruction in astronomy, is located thirty miles southeast of Bend, Oregon, off Highway 20 near Millican, at an altitude of 6,300 feet above sea level. The observatory has three telescopes—fifteen inches, twenty-four inches, and thirty-two inches in diameter—the largest governed by computer. All are Cassegrain reflectors. A wide-field CCD camera is available on the thirty-two-inch telescope. The site has an astronomers' residence building and a caretaker's house. Professional astronomical research is in progress at the observatory on every partially or totally clear night of the year, and the site is staffed year round.

Admission and Financial Aid

For admission to graduate study, a bachelor's degree in physics or a related area is required with a minimum undergraduate grade point average (GPA) of 3.00 (B) in advanced physics and mathematics courses. Submission of scores on the Graduate Record Examinations (GRE), including the physics test, is required. Students from non-English-speaking countries must demonstrate proficiency in English by submitting scores from the Test of English as a Foreign Language (TOEFL). Information about the department and the Graduate Admission Application are available through the department's website.

Financial aid in the form of graduate teaching or research fellowships (GTFs) is available on a competitive basis to PhD students. GTFs require approximately sixteen hours of work a week and provide a stipend and tuition waiver. New students are typically eligible only for teaching fellowships.

The sequential nature of most physics courses makes it difficult to begin graduate study in terms other than Fall. Furthermore, financial aid is usually available only to students who begin their studies in the Fall.

To ensure equal consideration for fall term admission, the deadline for applications for financial aid is January 15. Late applications for admission may be considered until July 15.

Degree Requirements

Entering students should consult closely with their assigned advisors. Students showing a lack of preparation are advised to take the necessary undergraduate courses in order to remedy their deficiencies.

Students should consult the **Graduate School** section of this catalog for general university admission and degree requirements. Departmental

requirements, outlined in a handbook for incoming students that is available in the department office and online, are summarized below.

Industrial Internships and the Applied Physics Master's Degree

The applied physics master's program leads to a professional MS degree, an alternative to the research-based PhD. It is designed to serve physics students whose primary interests lie in applied research and development rather than in basic research. An important component of this degree program is the industrial internship. These internships in local and regional industries are designed to enhance the ability of physics graduates to obtain good jobs after graduation. Qualified students can complete this program in one year.Students must apply via the Materials Science Institute for admission to the industrial internship program, which is a prerequisite for admission to the master's program in applied physics. Further information is availablein the **Research Centers and Institutes** section of this catalog.

Master of Science: Applied Physics

500- or 600-level courses [1]	24
Industrial internship	10
Additional graduate-level physics courses	11-19
Total Credits	**45-53**

1 At least 9 credits of 600-level courses are required.

Additional Requirements

A grade of B– or better must be achieved in each course applied to the graded-credit total. The overall GPA in physics courses must be 3.00 or better.

Graduate School requirements, including time limits, must be satisfied.

Total credits required for the degree depend on the number of graded credits and internship credits the student earns. This allows flexibility in adjusting the balance between course work and the internship experience. The more graded credits a student earns, the fewer total credits are required for the degree. The minimum total required is 45 credits if the student earns 32 or more graded credits. The minimum required is 53 credits if the student earns only 24 graded credits. In general, 1credit is added to the minimum total of 45 for each graded credit less than 32 a student earns. For example, a student who earns 28 graded credits needs a minimum total of 49 credits

The internship requirement must be fulfilled through the industrial internship program. Internship credits are taken pass/no pass. A student typically earns 10 credits for every three months of full-time internship experience

Graded credits must be selected from an approved departmental list. This list includes the following:

PHYS581	Design of Experiments	4

Other 600-level physics courses qualify, but may require additional prerequisites. Some graduate-level courses in chemistry may qualify. Other courses may be added or substituted with the approval of the applied physics program advisor.

Master of Science: Physics

Typically this degree is based on course work and the master's final examination. Detailed requirements can be found in the Graduate Student Handbook on the department's website.

Candidates must either pass the combined graduate exam at the master's level ***or*** submit a written thesis ***or*** take a program of specialized courses.

A combined graduate exam covering the four core subject areas—mechanics; electricity, magnetism, and optics; modern physics and quantum mechanics; and thermal and statistical physics—is used for both the master's and doctoral qualifying examinations. For the master's exam, a separate total score is obtained by removing, in each core area, the student's problem with the lowest score. Material covered by the combined exam is primarily at the level of advanced undergraduate physics, but as much as one-third of the exam tests core graduate-level material. The examination is given each fall and spring, and master's candidates must pass the examination by spring of their second year of study.

Thesis Option

Select one of the following:		9
PHYS503	Thesis	
PHYS503 &PHYS601	Thesis and Research: [Topic]	
Total Credits		**9**

Specified-Course Option

The specified-courses option requires 40 graduate credits in physics, 36 of which must be selected from a list of courses approved by the department.

The master's degree program is typically completed in four terms, unless sufficient transfer credits are available, in which case it can be obtained in three.

Master of Arts

Typically this degree is based on course work and the master's final examination. Detailed requirements can be found in the Graduate Student Handbook on the department's website.

Candidates must either pass the combined graduate exam at the master's level ***or*** submit a written thesis ***or*** take a program of specialized courses.

A combined graduate exam covering the four core subject areas—mechanics; electricity, magnetism, and optics; modern physics and quantum mechanics; and thermal and statistical physics—is used for both the master's and doctoral qualifying examinations. For the master's exam, a separate total score is obtained by removing, in each core area, the student's problem with the lowest score. Material covered by the combined exam is primarily at the level of advanced undergraduate physics, but as much as one-third of the exam tests core graduate-level material. The examination is given each fall and spring, and master's candidates must pass the examination by spring of their second year of study.

Thesis Option

Select one of the following:		9
PHYS503	Thesis	
PHYS503 &PHYS601	Thesis and Research: [Topic]	
Total Credits		**9**

Specified-Course Option

The specified-courses option requires 40 graduate credits in physics, 36 of which must be selected from a list of courses approved by the department.

The master's degree program is typically completed in four terms, unless sufficient transfer credits are available, in which case it can be obtained in three.

In addition to all the preceding requirements, candidates for the master of arts (MA) degree must demonstrate foreign-language proficiency.

Doctor of Philosophy

The doctor of philosophy degree (PhD) in physics is based primarily on demonstrated knowledge of physics and doctoral dissertation research. PhD students must achieve qualifying scores on the master's and doctoral combined examination, and are required to pass the qualifying exam by the end of the first term in their third year of study. Students also must take and pass the core graduate sequences, unless some of these are waived by the graduate director:

Core Sequences		
PHYS611–612	Theoretical Mechanics	6
PHYS613–614	Statistical Physics	6
PHYS622–623	Electromagnetic Theory	8
PHYS631–633	Quantum Mechanics	12
Breadth Requirements		
Six breadth courses [1]		
Total Credits		**32**

1 Breadth courses can be chosen from several areas of physics and allied areas such as mathematics, chemistry, and biology. At least two of the courses must be in a sequence.

Next, students must locate an advisor and an advisory committee, who then administer a comprehensive oral examination testing whether the student is ready to undertake dissertation research. The heart of the PhD requirements is research leading to a doctoral dissertation.

Detailed information is available in the *Graduate Student Handbook* on the department's website.

Courses

ASTR121. The Solar System. 4 Credits.
Naked-eye astronomy, development of astronomical concepts, and the solar system.

ASTR122. Birth and Death of Stars. 4 Credits.
The structure and evolution of stars.

ASTR123. Galaxies and the Expanding Universe. 4 Credits.
Galaxies and the universe.

ASTR199. Special Studies: [Topic]. 1-5 Credits.
Repeatable.

ASTR321. Topics in Astrophysics. 4 Credits.
Problem solving of the orbits, kinematics, and dynamics of astronomical systems, structure and evolution of stars and galaxies.
Pre- or coreq: MATH 252; PHYS 252 or equivalents.

Courses

PHYS101. Essentials of Physics. 4 Credits.
Fundamental physical principles. Mechanics.

PHYS102. Essentials of Physics. 4 Credits.
Fundamental physical principles. Heat, waves, and sound; electricity and magnetism.

PHYS152. Physics of Sound and Music. 4 Credits.
Introduction to the wave nature of sound; hearing; musical instruments and scales; auditorium acoustics; and the transmission, storage, and reproduction of sound.

PHYS153. Physics of Light, Color, and Vision. 4 Credits.
Light and color, their nature, how they are produced, and how they are perceived and interpreted.

PHYS155. Physics behind the Internet. 4 Credits.
How discoveries in 20th-century physics mesh to drive modern telecommunications. Topics include electron mobility in matter, the development of transistors and semiconductors, lasers, and optical fibers.

PHYS156M. Scientific Revolutions. 4 Credits.
Surveys several major revolutions in our views of the natural and technological world, focusing on scientific concepts and methodological aspects. For nonscience majors. Multilisted with GEOL 156M.

PHYS157M. Information, Quantum Mechanics and DNA. 4 Credits.
A nonscience major's introduction to the physical and chemical concepts explaining how information is stored in and transmitted by physical objects and molecules, including DNA. Multilisted with CH 157M.

PHYS161. Physics of Energy and Environment. 4 Credits.
Practical study of energy generation and environmental impact, including energy fundamentals, fossil fuel use, global warming, nuclear energy, and energy conservation.

PHYS162. Solar and Other Renewable Energies. 4 Credits.
Topics include photovoltaic cells, solar thermal power, passive solar heating, energy storage, geothermal energy, and wind energy.

PHYS163. Nanoscience and Society. 4 Credits.
Explores the science behind scale-dependent properties of matter, focusing on its applications in futuristic nanotechnologies and the social and political issues that it raises.

PHYS171. The Physics of Life. 4 Credits.
Explores how physical laws guide the structure, function, and behavior of living organisms, and examines the physical properties of biological materials. Topics span microscropic and macroscopic scales.

PHYS196. Field Studies: [Topic]. 1-2 Credits.
Repeatable.

PHYS198. Worskhop: [Topic]. 1-2 Credits.
Repeatable.

PHYS199. Special Studies: [Topic]. 1-5 Credits.
Repeatable.

PHYS201. General Physics. 4 Credits.
Introductory series. Mechanics and fluids.
Prereq: MATH 112 or equivalent.

PHYS202. General Physics. 4 Credits.
Introductory series. Thermodynamics, waves, optics.
Prereq: PHYS 201.

PHYS203. General Physics. 4 Credits.
Introductory series. Electricity, magnetism, modern physics.
Prereq: PHYS 201.

PHYS204. Introductory Physics Laboratory. 2 Credits.
Practical exploration of the principles studied in general-physics lecture. Measurement and analysis methods applied to experiments in mechanics, waves, sound, thermodynamics, electricity and magnetism, optics, and modern physics. Sequence.
Pre- or coreq: PHYS 201.

PHYS205. Introductory Physics Laboratory. 2 Credits.
Practical exploration of the principles studied in general-physics lecture. Measurement and analysis methods applied to experiments in mechanics, waves, sound, thermodynamics, electricity and magnetism, optics, and modern physics.
Pre- or coreq: PHYS 202.

PHYS206. Introductory Physics Laboratory. 2 Credits.
Practical exploration of the principles studied in general-physics lecture. Measurement and analysis methods applied to experiments in mechanics, waves, sound, thermodynamics, electricity and magnetism, optics, and modern physics.
Pre- or coreq: PHYS 203.

PHYS251. Foundations of Physics I. 4 Credits.
Newtonian mechanics; units and vectors; one-dimensional motion; Newton's laws; work and energy; momentum and collisions. Sequence.
Coreq: MATH 251; Prereq MATH 112 or equivalent.

PHYS252. Foundations of Physics I. 4 Credits.
Vibrations and waves; oscillations; wave mechanics; dispersion; modes; introductory optics.
Prereq: PHYS 251; coreq: MATH 253 or equivalent.

PHYS253. Foundations of Physics I. 4 Credits.
Electricity and magnetism; charge and electric field; electric potential; circuits; magnetic field; inductance.
Prereq: PHYS 252; coreq: MATH 252 or equivalent.

PHYS290. Foundations of Physics Laboratory. 1 Credit.
Repeatable. Introduction to laboratory measurements, reports, instrumentation, and experimental techniques. Repeatable twice for maximum of 3 credits.
Coreq: PHYS 251, 252 or 253.

PHYS301. Physicists' View of Nature. 4 Credits.
Illustrates physics concepts through the work of prominent physicists. The classical view--mechanics, electrical science, thermal physics.
Prereq: WR 122 or equivalent.

PHYS351. Foundations of Physics II. 4 Credits.
Introduction to relativity and quantum physics with applications to atomic, solid-state, nuclear, and astro-particle systems
Prereq: MATH 253, PHYS 253; coreq: MATH 256 or 281.

PHYS352. Foundations of Physics II. 4 Credits.
Thermodynamic systems; first and second laws; kinetic theory of gases; entropy. Sequence.
Prereq: PHYS 351; coreq: MATH 281.

PHYS353. Foundations of Physics II. 4 Credits.
Thermal radiation; Maxell-Boltzmann statistics; Fermi and Bose gases; phase transitions. Sequence.
Prereq: PHYS 352; coreq: MATH 282.

PHYS354. Introduction to Quantum Mechanics. 4 Credits.
Introductory treatment of quantum mechanics with an applied focus. Topics include square well potential, Bragg reflection, and de Broglie waves.
Prereq: PHYS 351 or 352.

PHYS361. Modern Science and Culture. 4 Credits.
Examination of 19th century and early 20th century science in a cultural context.

PHYS362. Biological Physics. 4 Credits.
Physical principles governing biological systems. Topics include molecular machines, DNA and other macromolecules, signaling and information transfer, entropic forces, and physical mechanisms of self-organization.
Prereq: PHYS 351 or 353.

PHYS391. Physics Experimentation Data Analysis Laboratory. 4 Credits.
Practical aspects of physics experimentation, including data acquisition, statistical analysis, and introduction to scientific programming, and use of Fourier methods for data analysis.

PHYS399. Special Studies: [Topic]. 1-5 Credits.
Repeatable.

PHYS401. Research: [Topic]. 1-16 Credits.
Repeatable.

PHYS403. Thesis. 1-12 Credits.
Repeatable.

PHYS405. Reading and Conference: [Topic]. 1-16 Credits.
Repeatable.

PHYS406. Field Studies: [Topic]. 1-21 Credits.
Repeatable.

PHYS407. Seminar: [Topic]. 1-4 Credits.
Repeatable.

PHYS408. Workshop: [Topic]. 1-21 Credits.
Repeatable.

PHYS409. Supervised Tutoring. 1-3 Credits.
Repeatable.

PHYS410. Experimental Course: [Topic]. 1-4 Credits.
Repeatable.

PHYS411. Mechanics, Electricity, and Magnetism. 4 Credits.
Fundamental principles of Newtonian mechanics, conservation laws, small oscillations, planetary motion, systems of particles. Electromagnetic phenomena. Series. Only nonmajors may earn graduate credit.
Prereq: MATH 282.

PHYS412. Mechanics, Electricity, and Magnetism. 4 Credits.
Fundamental principles of Newtonian mechanics, conservation laws, small oscillations, planetary motion, systems of particles. Electromagnetic phenomena. Series.
Prereq: MATH 281.

PHYS413. Mechanics, Electricity, and Magnetism. 4 Credits.
Fundamental principles of Newtonian mechanics, conservation laws, small oscillations, planetary motion, systems of particles. Electromagnetic phenomena. Series.
Prereq: PHYS 412.

PHYS414. Quantum Physics. 4 Credits.
Planck's and de Broglie's postulates, the uncertainty principle, Bohr's model of the atom, the Schroedinger equation in one dimension, the harmonic oscillator, the hydrogen atom, molecules and solids, nuclei and elementary particles. Sequence.
Prereq: PHYS 413.

PHYS415. Quantum Physics. 4 Credits.
Planck's and de Broglie's postulates, the uncertainty principle, Bohr's model of the atom, the Schroedinger equation in one dimension, the harmonic oscillator, the hydrogen atom, molecules and solids, nuclei and elementary particles. Sequence.
Prereq: PHYS 414.

PHYS417. Topics in Quantum Physics. 4 Credits.
Perturbation theory, variational principle, time-dependent perturbation theory, elementary scattering theory.
Prereq: PHYS 415.

PHYS420. Physics Demonstrations. 4 Credits.
Focuses primarily on the resources, methods, and techniques for conveying an understanding of physics principles through physics demonstrations and laboratory experiments. Offered alternate years.
Prereq: PHYS 253.

PHYS422. Electromagnetism. 4 Credits.
Study of electromagnetic waves. Topics include Maxwell's equations, wave equation, plane waves, guided waves, antennas, and other related phenomena.
Prereq: PHYS 413.

PHYS424. Classical Optics. 4 Credits.
Geometrical optics, polarization, interference, Frauenhofer and Fresnel diffraction.
Prereq: PHYS 353.

PHYS425. Modern Optics. 4 Credits.
Special topics in modern applied optics such as Fourier optics, coherence theory, resonators and lasers, holography, and image processing.

PHYS431. Analog Electronics. 4 Credits.
Passive and active discrete components and circuits. General circuit concepts and theorems. Equivalent circuits and black box models. Integrated circuit operational amplifiers.
Prereq: PHYS 203 or equivalent; knowledge of complex numbers; MATH 256.

PHYS432. Digital Electronics. 4 Credits.
Digital electronics including digital logic, measurement, signal processing and control. Introduction to computer interfacing.
Prereq: PHYS 203 or equivalent; MATH 253.

PHYS481. Design of Experiments. 4 Credits.
Applies statistics to practical data analysis, data-based decision making, model building, and the design of experiments. Emphasizes factorial designs.

PHYS491. Research Project I. 2-4 Credits.
For physics and other science majors, Physics Projects entails construction and use of apparatus, interfaces and computers to perform technically-sophisticated experiments, analyze and communicate results.
Prereq: PHYS 391 or PHYS 399.

PHYS492. Research Project II. 2-4 Credits.
For physics and other science majors, Physics Projects entails construction and use of apparatus, interfaces and computers to perform technically-sophisticated experiments, analyze and communicate results.
Prereq: PHYS 491.

PHYS493. Research Project III. 2-4 Credits.
For physics and other science majors, Physics Projects entails construction and use of apparatus, interfaces and computers to perform technically-sophisticated experiments, analyze and communicate results.
Prereq: PHYS 492.

PHYS503. Thesis. 1-16 Credits.
Repeatable.

PHYS507. Seminar: [Topic]. 1-4 Credits.
Repeatable.

PHYS508. Workshop: [Topic]. 1-21 Credits.
Repeatable.

PHYS510. Experimental Course: [Topic]. 1-4 Credits.
Repeatable.

PHYS515. Quantum Physics. 4 Credits.
Planck's and de Broglie's postulates, the uncertainty principle, Bohr's model of the atom, the Schroedinger equation in one dimension, the harmonic oscillator, the hydrogen atom, molecules and solids, nuclei and elementary particles. Sequence. Only nonmajors may earn graduate credit.
Prereq: PHYS 414/514.

PHYS517. Topics in Quantum Physics. 4 Credits.
Perturbation theory, variational principle, time-dependent perturbation theory, elementary scattering theory. Only nonmajors may earn graduate credit.
Prereq: PHYS 415/515.

PHYS581. Design of Experiments. 4 Credits.
Applies statistics to practical data analysis, data-based decision making, model building, and the design of experiments. Emphasizes factorial designs.

PHYS601. Research: [Topic]. 1-16 Credits.
Repeatable.

PHYS603. Dissertation. 1-16 Credits.
Repeatable.

PHYS604. Internship: [Topic]. 1-16 Credits.
Repeatable.
Coreq: good standing in applied physics master's degree program.

PHYS605. Reading and Conference: [Topic]. 1-16 Credits.
Repeatable.

PHYS606. Field Studies: [Topic]. 1-16 Credits.
Repeatable.

PHYS607. Seminar: [Topic]. 1-4 Credits.
Repeatable. Recent topics include Astrophysics and Gravitation, Biophysics, Condensed Matter, High Energy Physics, Physics Colloquium, Theoretical Physics.

PHYS608. Workshop: [Topic]. 1-16 Credits.
Repeatable.

PHYS609. Supervised Tutoring. 1-3 Credits.
Repeatable.

PHYS610. Experimental Course: [Topic]. 1-4 Credits.
Repeatable.

PHYS611. Theoretical Mechanics. 4 Credits.
Lagrangian and Hamiltonian mechanics, small oscillations, rigid bodies. Sequence.

PHYS612. Theoretical Mechanics. 2 Credits.
Lagrangian and Hamiltonian mechanics, small oscillations, rigid bodies. Sequence.
Prereq: PHYS 611.

PHYS613. Statistical Physics. 2 Credits.
Thermodynamics, statistical mechanics, kinetic theory, application to gases, liquids, solids, atoms, molecules, and the structure of matter. Sequence.

PHYS614. Statistical Physics. 4 Credits.
Thermodynamics, statistical mechanics, kinetic theory, application to gases, liquids, solids, atoms, molecules, and the structure of matter. Sequence.
Prereq: PHYS 613.

PHYS622. Electromagnetic Theory. 4 Credits.
Microscopic form of Maxwell's equations, derivation and solution of the wave equation, Lorentz covariant formulation, motion of charges in given fields, propagation and diffraction, radiation by given sources, coupled motion of sources and fields, the electromagnetic field in dense media.

PHYS623. Electromagnetic Theory. 4 Credits.
Microscopic form of Maxwell's equations, derivation and solution of the wave equation, Lorentz covariant formulation, motion of charges in given fields, propagation and diffraction, radiation by given sources, coupled motion of sources and fields, the electromagnetic field in dense media. Sequence.
Prereq: PHYS 622.

PHYS631. Quantum Mechanics. 4 Credits.
Review of fundamentals, central force problems, matrix mechanics. Sequence.

PHYS632. Quantum Mechanics. 4 Credits.
Approximation methods, scattering. Sequence.
Prereq: PHYS 631.

PHYS633. Quantum Mechanics. 4 Credits.
Rotation symmetry, spin, identical particles. Sequence.
Prereq: PHYS 632.

PHYS634. Advanced Quantum Mechanics. 4 Credits.
Time-dependent formulation of scattering, relativistic equations and solutions, hole theory, symmetry properties, second quantization, Fock space.

PHYS661. Elementary Particle Phenomenology. 4 Credits.
Classification and quantum numbers of elementary particles; elements of group theory, Lorentz group and spin; discrete and continuous symmetries; phenomenology of weak, electromagnetic, and strong interactions; quark model of hadron structure. Sequence.
Prereq: PHYS 633.

PHYS662. Elementary Particle Phenomenology. 4 Credits.
Classification and quantum numbers of elementary particles; elements of group theory, Lorentz group and spin; discrete and continuous symmetries; phenomenology of weak, electromagnetic, and strong interactions; quark model of hadron structure. Sequence.
Prereq: PHYS 661.

PHYS665. Quantum Field Theory. 4 Credits.
Canonical quantization, path integral formulation of quantum field theory, Feynman rules for perturbation theory, quantum electrodynamics, renormalization, gauge theory of the strong and electroweak interactions. Sequence.
Prereq: PHYS 634.

PHYS666. Quantum Field Theory. 4 Credits.
Canonical quantization, path integral formulation of quantum field theory, Feynman rules for perturbation theory, quantum electrodynamics, renormalization, gauge theory of the strong and electroweak interactions. Sequence.
Prereq: PHYS 665.

PHYS671. Solid State Physics. 4 Credits.
Crystallography; thermal, electrical, optical, and magnetic properties of solids; band theory; metals, semiconductors, and insulators; defects in solids. Sequence.
Prereq: PHYS 633.

PHYS672. Solid State Physics. 4 Credits.
Crystallography; thermal, electrical, optical, and magnetic properties of solids; band theory; metals, semiconductors, and insulators; defects in solids. Sequence.
Prereq: PHYS 671.

PHYS674. Theory of Condensed Matter. 4 Credits.
Advanced topics include quantum and statistical description of many-particle systems, electronic structure, elementary excitations in solids and fluids, critical phenomena, statics and dynamics of soft condensed matter. Topics and emphasis vary.
Prereq: PHYS 673.

PHYS675. Theory of Condensed Matter. 4 Credits.
Advanced topics include quantum and statistical description of many-particle systems, electronic structure, elementary excitations in solids and fluids, critical phenomena, statics and dynamics of soft condensed matter. Topics and emphasis vary.
Prereq: PHYS 674.

PHYS684. Quantum Optics and Laser Physics. 4 Credits.
Nonlinear optical processes and quantum statistical properties of light produced by such processes, laser theory, wave mixing processes, optical Bloch equations, field quantization, photon statistics, cooperative emissions. Sequence.
Prereq: PHYS 354 or equivalent.

PHYS685. Quantum Optics and Laser Physics. 4 Credits.
Nonlinear optical processes and quantum statistical properties of light produced by such processes, laser theory, wave mixing processes, optical Bloch equations, field quantization, photon statistics, cooperative emissions. Sequence.
Prereq: PHYS 684; coreq PHYS 631.

PHYS686. Quantum Optics and Laser Physics. 4 Credits.
Nonlinear optical processes and quantum statistical properties of light produced by such processes, laser theory, wave mixing processes, optical Bloch equations, field quantization, photon statistics, cooperative emissions. Sequence.
Prereq: PHYS 685; coreq: PHYS 632.

Political Science

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The Department of Political Science offers a range of courses organized in six traditional subfields of political science, each with their own

designated faculty members: comparative politics, formal theory and methodology, international relations, public policy, political theory, and United States politics. Faculty members employ varied theoretical and methodological approaches but share the pursuit of answers to questions with real-world implications. Political science majors or minors gain a thorough understanding of how power, politics, and people converge.

Careers

Political science majors follow different paths after earning their undergraduate degrees. Many apply for admission to law schools throughout the country. Others go on to graduate work in political science or public administration. With the bachelor's degree, political science graduates may find jobs in federal, state, and local government agencies; nonprofit organizations; private industry; self-employment; and teaching. Recent surveys indicate that students who combine university studies with either work or internships in local government agencies are more likely than majors without such experience to obtain government employment after graduation.

Faculty

Deborah Baumgold, professor (history of political thought). BA, 1971, Oberlin; MA, 1975, PhD, 1980, Princeton. (1987)

Gerald Berk, professor (American politics, political development, political economy). BA, 1977, Clark; PhD, 1987, Massachusetts Institute of Technology. (1994)

Erin Beck, assistant professor (Latin American politics; micropolitics; women, gender, and development). BA, 2004, Providence College; MA, 2007, PhD, 2012, Brown. (2012)

Anita Chari, assistant professor (political theory). BA, 2001, Georgetown; MA, 2003, PhD, 2008, Chicago. (2010)

Jane K. Cramer, associate professor (international relations, international security, U.S. foreign policy). BA, 1986, Oberlin; PhD, 2002, Massachusetts Institute of Technology. (2000)

Dennis C. Galvan, professor (Africa, development, comparative politics). See **International Studies**.

Alison Gash, assistant professor (public law). BA, 1995, Vassar College; MPA-URP, 2000, Princeton; MA, 2004, PhD, 2010, California, Berkeley. (2010)

Burke Hendrix, associate professor (normative political theory, indigenous politics, global justice). BA, 1992, Linfield College; MA, 2000, PhD, 2002, Colorado, Boulder. (2012)

Daniel HoSang, associate professor (racial and ethnic politics, U.S. politics). See **Ethnic Studies**.

Craig Kauffman, assistant professor (environmental politics, global governance, democratization). BA, 1992, College of Wooster; MS, 1996, George Mason; PhD, 2012, George Washington. (2012)

Karrie Koesel, associate professor (comparative politics, Chinese and Russian politics). BA, 1997, Drake; MA, 2001, Notre Dame; PhD, 2009, Cornell. (2009)

Joseph E. Lowndes, associate professor (U.S. politics). BA, 1990, Antioch College; MA, 1996, New School for Social Research; PhD, 2004, New School University. (2003)

Ronald B. Mitchell, professor (environmental politics, international relations). BA, 1981, Stanford; MPP, 1985, PhD, 1992, Harvard. (1993)

Mikhail Myagkov, professor (comparative politics, formal political theory). BS, 1990, Moscow Institute of Physics and Technology; MS, 1994, PhD, 1996, California Institute of Technology. (1996)

Craig Parsons, professor (comparative politics, European politics). BA, 1992, Stanford; CEP, 1993 Institut d'Etudes Politiques; MA, 1994, PhD, 1999, California, Berkeley. (2004)

Lars Skalnes, associate professor (international political economy, international relations). CandMag, 1984, Bergen; MA, 1989, PhD, 1993, California, Los Angeles. (1992)

Priscilla Southwell, professor (political behavior, U.S. and European politics). BA, 1974, MA, 1977, Colorado; PhD, 1983, North Carolina, Chapel Hill. (1981)

William Terry, assistant professor (U.S. politics, statistical analysis, formal political theory). BA, 2002, Washington (St. Louis); MS, 2004, California Institute of Technology; PhD, 2010, California, San Diego. (2012)

Daniel Tichenor, Philip H. Knight Professor (American presidency, interest groups and social movements, U.S. political institutions). BA, 1988, Earlham College; PhD, 1996, Brandeis. (2008)

Tuong Vu, associate professor (comparative politics, political economy of Southeast Asia). BA, 1987, Vietnam National, Ho Chi Minh City; BA, 1994, Minnesota, Twin Cities; MPA, 1997, Princeton; PhD, 2004, California, Berkeley. (2007)

Priscilla Yamin, associate professor (U.S. politics and history, gender studies, feminist theory). BA, 1990, Wisconsin, Madison; MA, 1996, PhD, 2005, New School for Social Research. (2007)

Emeriti

William H. Baugh, associate professor emeritus. SB, 1963, Massachusetts Institute of Technology; MS, 1965, Rochester; MA, 1971, PhD, 1973, Indiana. (1978)

Daniel Goldrich, professor emeritus. BA, 1955, Antioch; MA, 1957, PhD, 1959, North Carolina, Chapel Hill. (1963)

Arthur M. Hanhardt Jr., professor emeritus . BA, 1953, Rochester; M.A, 1958, Colgate; Ph.D, 1963, Northwestern. (1963)

Richard Kraus, professor emeritus. BA, 1966, Grinnell; certificate (East Asian Institute), 1969, MA, 1969, PhD, 1974, Columbia. (1983)

Jerry F. Medler, associate professor emeritus. BA, 1963, Northwestern; MA, 1965, PhD, 1966, Oregon. (1968)

John M. Orbell, professor emeritus. BA, 1957, MA, 1960, New Zealand; PhD, 1965, North Carolina, Chapel Hill. (1967)

Richard P. Suttmeier, professor emeritus. AB, 1963, Dartmouth; PhD, 1969, Indiana. (1990)

M. George Zaninovich, professor emeritus. BA, 1953, MA, 1959, PhD, 1964, Stanford. (1966)

The date in parentheses at the end of each entry is the first year on the University of Oregon faculty.

Participating

Stuart Chinn, law

Gordon Lafer, Labor Education and Research Center

- **Bachelor of Arts**
- **Bachelor of Science**
- **Minor**

Undergraduate Studies

The Department of Political Science offers a program leading to a bachelor of science (BS) or a bachelor of arts (BA) degree. This program is designed to

1. provide a systematic understanding of the political process
2. provide a basic background for students preparing for careers in local, state, and national government as well as in law, journalism, and teaching
3. prepare students for graduate work leading to professional careers in political science

Bachelor's Degree

Courses at the 100 and 200 levels are introductory, basic to building a major in political science. Students are encouraged to take 200-level courses to best prepare for upper-division political science courses. Courses at the 300 level introduce the chief areas and concerns of political science. Advanced and specialized courses are at the 400 level. A minimum of 32 credits must be upper division.

At the discretion of the instructor, certain 300- and 400-level courses may have prerequisites. Students are advised to have at least 8 credits in political science before taking 400-level courses.

Undergraduate majors focus their study in four subfields: comparative politics, international relations, political theory, and United States politics.

Bachelor of Arts Degree Requirements

Lower division course in comparative politics	4
Lower division course in international relations	4
Lower division course in United States politics	4
Course in political theory (any level)	4
Upper division course in one subfield [1]	4
Upper division course in a second subfield [1]	4
Upper division course in a third subfield [1]	4
Upper division writing-intensive course [2]	4
Additional upper-division courses	16
Total Credits	**48**

1. A minimum of two 400-level courses are required. A complete list of courses and their assigned subfields is available on the department website. Course subfields are also indicated by notes in the class schedule.
2. A list of courses designated as "writing-intensive" is available on the department website and indicated by a note in the class schedule.

Additional Requirements

The 48 credits that satisfy major requirements must be taken for letter grades and passed with C– or better with the exception that one course (as many as 4 credits) may be taken pass/no pass (P/N). Courses such as Thesis (PS403) and Honors Thesis Prospectus (PS411) are offered pass/no pass only and may be applied to the 48 credits. Credits earned in Practicum: [Topic] (PS409) may not be applied to the major.

No more than a total of 16 credits in Research: [Topic] (PS401), Thesis (PS403), Reading and Conference: [Topic] (PS405), Field Studies: [Topic] (PS406), Workshop: [Topic] (PS408), Honors Thesis Prospectus (PS411), and Overseas Study: Internships (OINT488) may be applied toward the 48-credit requirement. These courses do not fulfill a subfield requirement. Overseas Study: Internships (OINT488) is subject to preapproval by the political science department.

No more than 10 credits of Field Studies: [Topic] (PS406) or Overseas Study: Internships (OINT488) may be applied toward the 48 credits. This work must be done under the direction of a faculty member who, prior to registration, must approve and set up academic criteria to evaluate the work. Credit for these courses must be earned at the University of Oregon.

Work completed in Special Studies: [Topic] (PS199) or Special Studies: [Topic] (PS399), Seminar: [Topic] (PS407), or Experimental Course: [Topic] (PS410) may be included in the 48-credit requirement and counted toward a subfield requirement.

UO bachelor's degree requirements also apply.

Bachelor of Science Degree Requirements

Lower division course in comparative politics	4
Lower division course in international relations	4
Lower division course in United States politics	4
Course in political theory (any level)	4
Upper division course in one subfield [1]	4
Upper division course in a second subfield [1]	4
Upper division course in a third subfield [1]	4
Upper division writing-intensive course [2]	4
Additional upper-division courses	16
Total Credits	**48**

1. A minimum of two 400-level courses are required. A complete list of courses and their assigned subfields is available on the department website. Course subfields are also indicated by notes in the class schedule.
2. A list of courses designated as "writing-intensive" is available on the department website and indicated by a note in the class schedule.

Additional Requirements

The 48 credits that satisfy major requirements must be taken for letter grades and passed with C– or better with the exception that one course (as many as 4 credits) may be taken pass/no pass (P/N). Courses such as Thesis (PS403) and Honors Thesis Prospectus (PS411) are offered pass/no pass only and may be applied to the 48 credits. Credits earned in Practicum: [Topic] (PS409) may not be applied to the major.

No more than a total of 16 credits in Research: [Topic] (PS401), Thesis (PS403), Reading and Conference: [Topic] (PS405), Field Studies:

[Topic] (PS406), Workshop: [Topic] (PS408), Honors Thesis Prospectus (PS411), and Overseas Study: Internships (OINT488) may be applied toward the 48-credit requirement. These courses do not fulfill a subfield requirement. Overseas Study: Internships (OINT488) is subject to preapproval by the political science department.

No more than 10 credits of Field Studies: [Topic] (PS406) or Overseas Study: Internships (OINT488) may be applied toward the 48 credits. This work must be done under the direction of a faculty member who, prior to registration, must approve and set up academic criteria to evaluate the work. Credit for these courses must be earned at the University of Oregon.

Work completed in Special Studies: [Topic] (PS199) or Special Studies: [Topic] (PS399), Seminar: [Topic] (PS407), or Experimental Course: [Topic] (PS410) may be included in the 48-credit requirement and counted toward a subfield requirement.

UO bachelor's degree requirements also apply.

Freshmen and Transfer Students

There are no departmental requirements for entering freshmen. Students planning to transfer to the university from two-year colleges should take the basic introductory political science courses offered at those institutions. At least 20 credits in upper-division graded political science courses must be completed in residence at the University of Oregon to qualify for a BA or BS degree in political science. Transfer students must meet the subfield distribution requirement.

Second Bachelor’s Degree or Second Major

Students who want to earn a second bachelor’s degree or a second or double major in political science must complete 48 credits in political science, as outlined under Bachelor of Arts Degree Requirements (p. 333) or Bachelor of Science Degree Requirements (p. 333). Students who are considering a second bachelor's degree and have prior political science credits should consult with the undergraduate advisor, John Davidson. Some of these prior credits may not be applicable to the second bachelor's degree.

Honors in Political Science

To graduate with honors in political science, a student must (1) have an overall grade point average for UO and transfer credits of at least 3.50, plus a 3.70 GPA or above in the political science major through the winter term prior to graduation (requests for exceptions may be made to the department head), (2) take Honors Thesis Prospectus (PS411) during fall term of the academic year in which the thesis is completed, and (3) register for 4 credits in Thesis (PS403). The thesis must be completed at least one term before the term of graduation. An honors committee reviews the student’s performance on the thesis and on courses taken during the senior year before making a final decision about granting the honors distinction.

Minor Requirements

Political science courses	8
Upper-division political science courses [1]	16
Total Credits	**24**

1 Only 6 credits may be in Research: [Topic] (PS401), Reading and Conference: [Topic] (PS405), and Workshop: [Topic] (PS408).

All credits must be taken for letter grades and passed with grades of C– or better. As many as 8 credits may be transferred from another institution.

Thesis (PS403), Field Studies: [Topic] (PS406), Practicum: [Topic] (PS409), Honors Thesis Prospectus (PS411), and Overseas Study: Internships (OINT488) do not count toward the minor. The minor in political science does not have a subfield requirement.

Kindergarten through Secondary Teaching Careers

Students who complete a degree with a major in political science are eligible to apply to the College of Education’s fifth-year licensure program in middle-secondary teaching or the fifth-year licensure program in elementary teaching. More information is available in the **College of Education** section of this catalog.

- **Master of Arts**
- **Master of Science** (p. 335)
- **Doctor of Philosophy**

Graduate Studies

The Department of Political Science offers a graduate program of studies leading to the master of arts (MA), master of science (MS), and doctor of philosophy (PhD) degrees. The program is designed to prepare students for teaching, research, and government or other public service, and to enable them to understand and participate in public affairs.

Members of the faculty offer advanced courses and seminars across the major fields of political science. Graduate student participation in joint faculty-student research and interdepartmental research projects is common on a wide range of topics.

Admission

Successful applicants usually meet or exceed the following admission requirements for the master’s and doctoral degree programs:

1. Official transcripts showing a grade point average (GPA) of 3.00 or higher for all undergraduate and graduate academic work
2. Official scores on the Graduate Record Examinations (GRE) taken within the last five years. Tests taken before August 1, 2011, should have a combined verbal and quantitative score of 1100.Tests taken after August 1, 2011, should have a combined verbal and quantitative score of 300
3. International students from non-English-speaking countries must submit results from one of the following standardized language tests: Test of English as a Foreign Language (TOEFL) with a minimum score of 575 (paper-based) or 88 (Internet-based); International English Language Testing System (IELTS) with a minimum score of 7.0
4. A statement of purpose prepared by the student
5. Recommendations from at least three teachers from whom courses have been taken
6. Other evidence that may be helpful in reaching a decision. Although an undergraduate major in political science is not a prerequisite for admission, the committee takes into consideration previous academic work in political science

Application information and information about the graduate program and graduate teaching fellowships may be obtained by visiting the

department's website. The deadline for fall term admission and graduate teaching fellowship applications is February 1.

Master's Degree Program

The master's degree program prepares students for professional careers in teaching and research. Two years is the typical period for completing the program.

Master of Arts Degree Requirements

- Completion of 45 credits of graduate course work
- Completion of required courses as specified by the department
- Demonstrated proficiency in qualitative and quantitative research methods
- Completion of a master's degree thesis

Master of Science Degree Requirements

- Completion of 45 credits of graduate course work
- Completion of required courses as specified by the department
- Demonstrated proficiency in qualitative and quantitative research methods
- Completion of a master's degree thesis

See the **Graduate School** section of this catalog for the distinction between MS and MA degree requirements.

Doctoral Program

This program is designed to allow the well-prepared student to complete course requirements for the PhD in two years of full-time study. Students complete a research paper in their second year and take comprehensive examinations during their third year, followed by preparation of a dissertation. Requirements for the PhD in political science include the following:

1. Completion of 100 credits (18 credits are for dissertation) beyond the bachelor's degree. Research: [Topic] (PS601), Reading and Conference: [Topic] (PS605), and Field Studies: [Topic] (PS606) may be taken pass/no pass. All other course work must be taken for letter grades
2. Completion of State of the Discipline (PS620), to be taken the first time it is offered
3. Demonstrated proficiency in quantitative and qualitative research methods
4. Completion of a research paper no later than the sixth term of enrollment (excluding summer)
5. Completion of required seminars in the two area fields in which the student takes comprehensive examinations. Students should take these seminars as early as possible, and prior to examination
6. Passing two comprehensive examinations: one major field and one minor field, selected from the list below. Each field comprises several themes from which the student must choose a subset
    - classical and contemporary political theory
    - comparative politics
    - formal theory and methodology
    - international relations
    - public policy
    - United States politics
7. After passing the comprehensive examinations, completion of 18 credits in Dissertation (PS603), to be taken while completing the PhD dissertation
8. Defense of the written dissertation in an oral examination

A complete description of graduate requirements, including an explanation of themes and field requirements, is available on the department website (http://polisci.uoregon.edu).

Courses

PS100. Temporary Group-Satisfying Course. 4 Credits.

PS101. Modern World Governments. 4 Credits.
Introduction to the political systems, practices, and institutions of leading contemporary nations including Britain, France, Russia, China, and selected nations in Africa and Latin America.

PS104. Problems in United States Politics. 4 Credits.
Current policy issues in American politics (e.g., unemployment, education, crime).

PS106. Power, Politics, and Inequality. 4 Credits.
Examines power and politics through the lens of inequality, focusing on the constant struggle between the haves and the have-nots.

PS109. Politics, Science, and the Body. 4 Credits.
An interdisciplinary examination of the scientific and biological explanations of poverty and social inequality in the United States, historically and in the present day.

PS111. Introduction to Political Science. 4 Credits.
Offers students the tools to think for themselves about politics: multiple ideological and analytical viewpoints on varying political arrangements around the world.

PS199. Special Studies: [Topic]. 1-5 Credits.
Topics vary from year to year. Repeatable when topic changes.

PS201. United States Politics. 4 Credits.
Theoretical introduction to American institutions, political doctrines, and ideology as these affect the course of politics and public policy in the United States.

PS203. State and Local Government. 4 Credits.
Compares political behavior, governmental institutions, and public policies in American states; special attention given to Oregon.

PS204. Introduction to Comparative Politics. 4 Credits.
Major concepts and approaches in the study of comparative government and politics.

PS205. Introduction to International Relations. 4 Credits.
Introduction to theoretical and methodological tools for the analysis of world politics.

PS208. Introduction to the Tradition of Political Theory. 4 Credits.
Selected issues in political theory such as political obligation, rationality, diversity, and relativism. Covers contemporary and classical theories.

PS225. Political Ideologies. 4 Credits.
Origins, functions, and political implications of several ideologies such as liberalism, fascism, communism, feminism, environmentalism, and nationalism.

PS230. Introduction to Urban Politics. 4 Credits.
Conflict in cities; power structures; protest movements and political participation; urban political institutions; critiques of urban politics; black politics.

PS260. Public Policy and Democracy. 4 Credits.
Explores how American political ideals, interests, institutions, and history shape public policy, focusing on issues such as education, immigration, welfare, and civil liberties.

PS275. Legal Process. 4 Credits.
Overview of the United States legal system. Covers a range of sociolegal writing and provides a context for the legal system under which the U.S. operates.

PS297. Introduction to Environmental Politics. 4 Credits.
United States environmental policy and alternative environmental political futures.

PS301. Art and the State. 4 Credits.
Comparative analysis of issues raised by state intervention in production and distribution of art: censorship, artistic freedom, ideological domination, regulation of artistic marketplace, cultural imperialism.

PS308. United States Political Thought. 4 Credits.
Development of United States political thought from the Revolution through the 20th century. Includes writings of Jefferson, Paine, Madison, Tocqueville.

PS321. Introduction to Political Economy. 4 Credits.
Systematic comparison of markets and political processes and their outcomes.

PS324. European Politics. 4 Credits.
Overview of the formation and current dynamics of national politics in Western Europe.

PS326. United States Foreign Policy I. 4 Credits.
Basic concepts underlying the formulation and implementation of United States foreign policy; relationships between American society and foreign policy; the relationship of the U.S. to its international environment.

PS330. Governments and Politics in Latin America. 4 Credits.
Social, political, and economic developments in Latin America; causes and consequences of revolutions, democratization, economic politics; examples from Mexico, Brazil, Chile, Argentina, Cuba, Guatemala, Venezuela. Offered alternate years.

PS337. The Politics of Development. 4 Credits.
Presents alternative perspectives on key north-south issues: trade, aid, foreign investment, debt, and the environment. Includes such institutions as the International Monetary Fund, World Bank, and World Trade Organization.

PS340. International Political Economy. 4 Credits.
Links between economics and politics in the international system. Basic concepts include power, dependence, inequality, imperialism, and development. EC 201, 202, or PS 205 recommended preparation.

PS342. Politics of China. 4 Credits.
Survey of the politics of the People's Republic of China. Emphasis on political sociology and group conflict: elites, ideology, social change, and organization.

PS345. Southeast Asian Politics. 4 Credits.
Surveys major themes in contemporary Southeast Asian politics, including nation-state building, economic development, authoritarianism and democracy, and religious and ethnic politics.

PS346. Terrorism and Weapons Proliferation. 4 Credits.
Examines causes and control of terrorism, especially preventing terrorist use of weapons of mass destruction; theories and policies of nonproliferation and arms control.

PS347. Political Power, Influence, and Control. 4 Credits.
Survey of the use of the concept of power in the social sciences, stressing diverse theoretical perspectives and empirical studies of political institutions.

PS348. Women and Politics. 4 Credits.
Examines the political role of women and questions of equality in the U.S. from historical and contemporary perspectives. Topics may include voting, welfare, reproductive rights, and representation.

PS349. Mass Media and American Politics. 4 Credits.
The role of the mass media in contemporary American politics; the effect of the media on such institutions as political parties, elections, and the presidency.

PS350. Politics and Film. 4 Credits.
Examines the political relevance of films and their role as a medium for illustrating, defending, and challenging political ideas.

PS352. Political Parties and Elections. 4 Credits.
Overview of current developments in political parties and interest groups in the United States.

PS355. Oregon Government and Politics. 4 Credits.
Current political issues in Oregon with particular attention to political races and ballot measures before the Oregon electorate as well as the state's major political institutions.

PS367. Science and Politics of Climate Change. 4 Credits.
Understanding the causes, impacts, policies, and politics of global climate change from natural and social science perspectives.

PS368. Gendering the Law. 4 Credits.
Examines the role courts have played in framing and shaping policies where gender is a central feature with a focus on reproductive rights, pregnancy and abortion, domestic violence, rape, family issues, prostitution, and sexual harassment. Offered alternate years.

PS369. Southern Politics. 4 Credits.
Explores the economic, social, and political aspects of life in the 20th-century US South.

PS375. Race, Politics, and the Law. 4 Credits.
Examines the development and transformation of race-based domination and resistance in the United States by examining the intersection of policy and law.

PS377. Gods and Governments. 4 Credits.
Examines the politics of religion in a contemporary global context.

PS378. Games in Politics. 4 Credits.
Politics viewed as strategic interactions among politicians, voters, and countries; focuses on how to model these interactions using tools of game theory.

PS379. United States Political Culture. 4 Credits.
Introduces some of the key themes in U.S. political culture, including religion, liberalism, democracy, race, gender, and empire.

PS380. Gender and Politics in Developing Countries. 4 Credits.
Examines gender politics in the developing world and efforts to help women. Topics include female genital cutting, violence against women, economic development, microfinance, migration, trafficking. Offered alternate years.

PS386. United States Social Movements and Political Change. 4 Credits.
Causes and consequences of American social movements. Considers theoretical perspectives. Topics may include agrarian populism, labor movement, civil rights movement, the women's movement, and identity politics.

PS388. Mafia and Corruption in Russia. 4 Credits.
Focuses on the Mafia, corruption, and organized crime as integral parts of Russia's transition to democracy, and their relationships with the state.

PS389. Direct Democracy. 4 Credits.
Explores the way issues such as affirmative action, same-sex marriage, and immigration have been debated through ballot initiatives; utilizes simulated campaign exercises.

PS399. Special Studies: [Topic]. 1-5 Credits.
Topics vary from year to year. Repeatable when topic changes.

PS401. Research: [Topic]. 1-15 Credits.
Repeatable.

PS403. Thesis. 1-12 Credits.
Repeatable.

PS405. Reading and Conference: [Topic]. 1-15 Credits.
Repeatable.

PS406. Field Studies: [Topic]. 1-5 Credits.
Repeatable for maximum of 10 credits.

PS407. Seminar: [Topic]. 1-4 Credits.
Offerings vary from year to year, depending on student need and faculty interests. Repeatable when topic changes.

PS408. Workshop: [Topic]. 1-21 Credits.
Repeatable.

PS409. Practicum: [Topic]. 1-3 Credits.
Repeatable.

PS410. Experimental Course: [Topic]. 1-4 Credits.
Offerings vary from year to year, depending on student need and faculty interests. Repeatable when topic changes.

PS411. Honors Thesis Prospectus. 1 Credit.
Prepares students for writing the senior honors thesis in political science. Provides guidance in framing a suitable topic, conducting preliminary research, and writing a prospectus.
Prereq: majors with honors standing.

PS420. International Organization. 4 Credits.
Studies efforts by states to cooperate in an effort to avoid or resolve conflict in the realms of security, trade, human rights, and the environment.

PS430. Political Theory: Ancient and Medieval. 4 Credits.
Greek, Roman, and medieval political thought covering Socrates, Plato, Aristotle, Cicero, Augustine, and Aquinas.

PS431. Political Theory: Renaissance, Reformation, and Early Modern. 4 Credits.
Development of political theory. Primary figures are Machiavelli, Hobbes, Locke, and Rousseau.

PS432. Political Theory: Modern and Contemporary. 4 Credits.
Political theory during the 19th and 20th centuries including utilitarianism and radical, revolutionary, and liberal democratic traditions.

PS433. Marxism and Radical Thought. 4 Credits.
Surveys utopian socialist thought, anarchism, Marxism, and Leninism. Central themes include the nature of radical theory, the role of the state, human nature and the new society.

PS440. Causes and Prevention of War. 4 Credits.
Surveys theories of causes of war; focuses on major theories of prevention; case studies from World War I, World War II, and other wars.

PS445. Methods for Politics and Policy Analysis I. 4 Credits.
Introduction to quantitative analysis, concepts and methods of empirical research, applied statistical data analysis in political science. Methods include descriptive statistics, bivariate correlation, and regression techniques.

PS446. Methods for Politics and Policy Analysis II. 4 Credits.
Survey of multivariate model building for political analysis. Multiple regression, discrete-variable techniques, recursive systems, and cross-level analysis. Application of these techniques to concrete political problems.
Prereq: PS 445/545.

PS449. Racial Politics in the United States. 4 Credits.
Considers how race has interacted with political development in the U.S. from the New Deal to the present.

PS455. Theories of International Politics. 4 Credits.
Competing theories of international relations and strategies for testing the theories.

PS458. Feminist Political Theories. 4 Credits.
Examines the relationship between feminism, gender, and the state. Offered alternate years.

PS460. Political Economy of East Asia. 4 Credits.
Examines the political economy of East Asia, with a focus on states, markets, and social classes during economic transformation. Offered alternate years.

PS465. LGBT Rights in the Courts. 4 Credits.
Analyzes the role of legal advocates and the courts in advancing and curtailing lesbian, gay, bisexual, and transgender rights with a focus on relationship recognition, parenting, employment, housing, military, education, and health care. Offered alternate years.

PS466. Civil Rights in Post-Warren Era. 4 Credits.
Analyzes development in civil rights advocacy in the United States since the heyday of the Warren Court. Focuses primarily on developments in race, gender, disability, and sexuality. Offered alternate years.

PS467. The United States Presidency. 4 Credits.
An ambivalent view of the presidency as the key institution in the United States political system: source of great good but also of great harm.

PS468. Congress. 4 Credits.
Study of Congress as an institution: congressional elections, the committee system, and the internal distribution of influence; relations with the President and the Supreme Court.

PS470. Constitutional Law. 4 Credits.
Surveys how the U.S. Constitution works as a structure for government. Addresses how the federal courts interact within the U.S. system of government.

PS471. Intergenerational Justice. 4 Credits.
Examines the ethical and legal obligations that exist between earlier and later generations within a political society.

PS472. Matters of Life and Death. 4 Credits.
Examines the right to life from political, legal, and philosophical perspectives. Considers abortion, capital punishment, assisted suicide, just-war theory, and animal rights.

PS475. Politics of the European Union. 4 Credits.
Surveys the historical development and current workings of the European Union's major institutions and policies. Offered alternate years.

PS477. International Environmental Politics. 4 Credits.
How nations solve international environmental problems. Explores major problems, processes, and current debates. Evaluates existing treaties through case studies.

PS479. U.S. Interventions in Developing Nations. 4 Credits.
Examines theories of intervention: security, economic imperialism, humanitarian intervention, spreading democracy, domestic politics; over thirty-seven U.S. interventions since 1898 are surveyed.

PS480. Introduction to Rational Choice. 4 Credits.
Introduces the paradigm of rational choice and game theory that is of special significance to politics.

PS484. United States Supreme Court. 4 Credits.
The Supreme Court as a political body; the judicial role in the context of the economic, political, social, and psychological factors that influence the court's decisions.

PS485. Civil Rights and Civil Liberties. 4 Credits.
Overview of the role of rights in the United States legal system. Particular emphasis on the role of freedom and equality in a federal system.

PS491. Politics of Everyday Life. 4 Credits.
Examines how we try to influence each other's behaviors in the course of everyday life. Readings from several disciplines.

PS495. United States Political Economy. 4 Credits.
Examines United States political-economic institutions from a comparative and historical perspective. Topics include rise and fall of mass production, labor and the law, and regional development.

PS503. Thesis. 1-16 Credits.
Repeatable.

PS507. Seminar: [Topic]. 1-4 Credits.
Repeatable. Offerings vary from year to year, depending on student needs and faculty interests.

PS508. Workshop: [Topic]. 1-21 Credits.
Repeatable.

PS510. Experimental Course: [Topic]. 1-4 Credits.
Offerings vary from year to year, depending on student needs and faculty interests. Repeatable when topic changes.

PS520. International Organization. 4 Credits.
Studies efforts by states to cooperate in an effort to avoid or resolve conflict in the realms of security, trade, human rights, and the environment.

PS530. Political Theory: Ancient and Medieval. 4 Credits.
Greek, Roman, and medieval political thought covering Socrates, Plato, Aristotle, Cicero, Augustine, and Aquinas.

PS531. Political Theory: Renaissance, Reformation, and Early Modern. 4 Credits.
Development of political theory. Primary figures are Machiavelli, Hobbes, Locke, and Rousseau.

PS532. Political Theory: Modern and Contemporary. 4 Credits.
Political theory during the 19th and 20th centuries including utilitarianism and radical, revolutionary, and liberal democratic traditions.

PS533. Marxism and Radical Thought. 4 Credits.
Surveys utopian socialist thought, anarchism, Marxism, and Leninism. Central themes include the nature of radical theory, the role of the state, human nature and the new society.

PS540. Causes and Prevention of War. 4 Credits.
Surveys theories of causes of war; focuses on major theories of prevention; case studies from World War I, World War II, and other wars.

PS545. Methods for Politics and Policy Analysis I. 4 Credits.
Introduction to quantitative analysis, concepts and methods of empirical research, applied statistical data analysis in political science. Methods include descriptive statistics, bivariate correlation, and regression techniques.

PS546. Methods for Politics and Policy Analysis II. 4 Credits.
Survey of multivariate model building for political analysis. Multiple regression, discrete-variable techniques, recursive systems, and cross-level analysis. Application of these techniques to concrete political problems.

PS549. Racial Politics in the United States. 4 Credits.
Considers how race has interacted with political development in the U.S. from the New Deal to the present.

PS555. Theories of International Politics. 4 Credits.
Competing theories of international relations and strategies for testing the theories.

PS558. Feminist Political Theories. 4 Credits.
Examines the relationship between feminism, gender, and the state. Offered alternate years.

PS560. Political Economy of East Asia. 4 Credits.
Examines the political economy of East Asia, with a focus on states, markets, and social classes during economic transformation.

PS565. LGBT Rights in the Courts. 4 Credits.
Analyzes the role of legal advocates and the courts in advancing and curtailing lesbian, gay, bisexual, and transgender rights with a focus on relationship recognition, parenting, employment, housing, military, education, and health care. Offered alternate years.

PS566. Civil Rights in Post-Warren Era. 4 Credits.
Analyzes development in civil rights advocacy in the United States since the heyday of the Warren Court. Focuses primarily on developments in race, gender, disability, and sexuality. Offered alternate years.

PS567. The United States Presidency. 4 Credits.
An ambivalent view of the presidency as the key institution in the United States political system: source of great good but also of great harm.

PS568. Congress. 4 Credits.
Study of Congress as an institution: congressional elections, the committee system, and the internal distribution of influence; relations with the President and the Supreme Court.

PS570. Constitutional Law. 4 Credits.
Surveys how the U.S. Constitution works as a structure for government. Addresses how the federal courts interact within the U.S. system of government.

PS571. Intergenerational Justice. 4 Credits.
Examines the ethical and legal obligations that exist between earlier and later generations within a political society.

PS572. Matters of Life and Death. 4 Credits.
Examines the right to life from political, legal, and philosophical perspectives. Considers abortion, capital punishment, assisted suicide, just-war theory, and animal rights.

PS575. Politics of the European Union. 4 Credits.
Surveys the historical development and current workings of the European Union's major institutions and policies. Offered alternate years.

PS577. International Environmental Politics. 4 Credits.
How nations solve international environmental problems. Explores major problems, processes, and current debates. Evaluates existing treaties through case studies.

PS579. U.S. Interventions in Developing Nations. 4 Credits.
Examines theories of intervention: security, economic imperialism, humanitarian intervention, spreading democracy, domestic politics; over thirty-seven U.S. interventions since 1898 are surveyed.

PS584. United States Supreme Court. 4 Credits.
The Supreme Court as a political body; the judicial role in the context of the economic, political, social, and psychological factors that influence the court's decisions.

PS585. Civil Rights and Civil Liberties. 4 Credits.
Overview of the role of rights in the United States legal system. Particular emphasis on the role of freedom and equality in a federal system.

PS595. United States Political Economy. 4 Credits.
Examines United States political-economic institutions from a comparative and historical perspective. Topics include rise and fall of mass production, labor and the law, and regional development.

PS601. Research: [Topic]. 1-16 Credits.
Repeatable.

PS602. Supervised College Teaching. 1-5 Credits.
Repeatable.

PS603. Dissertation. 1-16 Credits.
Repeatable.

PS605. Reading and Conference: [Topic]. 1-16 Credits.
Repeatable.

PS606. Field Studies: [Topic]. 1-16 Credits.
Repeatable.

PS607. Seminar: [Topic]. 1-5 Credits.
Repeatable.

PS608. Workshop: [Topic]. 1-16 Credits.
Repeatable.

PS609. Practicum: [Topic]. 1-4 Credits.
Repeatable.

PS610. Experimental Course: [Topic]. 1-5 Credits.
Repeatable.

PS612. Qualitative Methods. 5 Credits.
Survey of rationales for qualitative methods in the social sciences and the main conceptual and practical issues raised in qualitative research. Offered alternate years.

PS620. State of the Discipline. 5 Credits.
Introduction to trends in the political science profession and to the faculty at the University of Oregon.

PS622. Political Theory. 5 Credits.
Survey of major works in the field of classical and contemporary political theory.

PS624. International Relations. 5 Credits.
Survey of major works in the field of international relations.

PS625. Public Policy. 5 Credits.
Survey of major works in the field of public policy.

PS627. Formal Theory and Methodology. 5 Credits.
Reviews basic formal theory as developed in political science since 1957.

PS630. States and Regimes. 5 Credits.
Introduction to the major issues, theories, concepts, and arguments about states and regimes in comparative politics. Offered alternate years.

Psychology

Ulrich Mayr, Department Head
541-346-4921
Straub Hall
1227 University of Oregon
Eugene, Oregon 97403-1227

The mission of the Department of Psychology undergraduate program is to educate students about the major research findings and theories in the field of psychology, and to train them to use an empirical approach to understanding human behavior. Specifically, the program endeavors to provide students with

- Broad exposure to the basic concepts and ethical issues of psychology
- Education in the scientific method, including applied research opportunities
- Strong critical-thinking and written-communication skills, including the ability to evaluate and convey the evidence for claims regarding human behavior
- Experience through internship and practicum opportunities at partnering community organizations

Faculty

Jennifer Ablow, associate professor (developmental psychopathology, attachment, interpersonal emotional arousal and regulation). BA, 1988, Colorado, Boulder; PhD, 1997, California, Berkeley. (1999)

Nicholas Allen, Ann Swindells Professor of Clinical Psychology (adolescent development and mental health, mood disorders, developmental social and affective neuroscience). BS 1985, MS, 1988, PhD, 1993, Melbourne. (2013)

Holly Arrow, professor (group dynamics, psychology of war). BA, 1977, Elmira; MFA, 1982, Colorado; MA, 1995, PhD, 1996, Illinois, Urbana-Champaign. (1996)

Dare A. Baldwin, professor (language acquisition, semantic development, cognitive development). BA, 1982, California, Berkeley; MSc, 1984, California, Santa Cruz; PhD, 1989, Stanford. (1993)

Elliot Berkman, assistant professor (affective neuroscience, self-regulation, quantitative methods for neuroimaging). BA, 2002, Stanford; PhD, 2009, California, Los Angeles. (2010)

Paul Dassonville, associate professor (cognitive neuroscience, perception, sensorimotor integration). BS, 1986, Texas A & M; PhD, 1992, California, Los Angeles. (1999)

Dagmar Zeithamova Demircan, assistant professor (cognitive neuroscience, memory). MA, 2003, Charles University, Prague; PhD, 2008, Texas, Austin. (2014)

Caitlin M. Fausey, assistant professor (development, language and cognition, experience sampling). BA, 2004, Northwestern; MA, 2008, PhD, 2010, Stanford. (2014)

Philip A. Fisher, professor (prevention research, stress neurobiology, foster care). BA, 1986, Bowdoin College; MS, 1990, PhD, 1993, Oregon. (2008)

Jennifer J. Freyd, professor (trauma psychology). BA, 1979, Pennsylvania; PhD, 1983, Stanford. (1987)

Gordon C. Nagayama Hall, professor (sociocultural context of psychopathology, sexual aggression). BS, 1977, Washington (Seattle); PhD, 1982, Fuller Theological Seminary. (2001)

Sara D. Hodges, professor (social cognition, construction of social judgments). BA, 1989, Rhodes; MA, 1992, PhD, 1995, Virginia. (1995)

Heidemarie K. Laurent, assistant professor (biology of stress regulation, interpersonal relationships, mindfulness). BA, 2001, Scripps College; PhD, 2008, Massachusetts, Amherst. (2013)

Robert Mauro, associate professor (social, emotions, psychology and law). AB, 1979, Stanford; MS, 1981, Yale; PhD, 1984, Stanford. (1984)

Ulrich Mayr, Robert and Beverly Lewis Professor in Neuroscience (cognitive neuroscience, cognitive aging). BA, 1988, PhD, 1992, Berlin. (2000)

Jeffrey Measelle, associate professor (developmental psychology, emotional development, family). BA, 1985 Brown; PhD, 1997, California, Berkeley. (1999)

Pranjal Mehta, assistant professor (social neuroscience, status hierarchies, social decision-making). BA, 1999, Williams College; PhD, 2007, Texas, Austin. (2011)

Louis J. Moses, professor (social and cognitive development). BA, 1983, Western Australia; PhD, 1991, Stanford. (1993)

Helen Neville, Robert and Beverly Lewis Endowed Chair in Neuroscience; professor (cognitive neuroscience). BA, 1968, British Columbia; MA, 1970, Simon Fraser; PhD, 1975, Cornell. (1995)

Jennifer Pfeifer, associate professor (developmental and social cognitive neuroscience, adolescent self-perception and emotion processing). BA, 2000, Stanford; MA, 2003, PhD, 2007, California, Los Angeles. (2008)

Gerard Saucier, professor (personality beliefs and values, psychometrics). BA, 1978, North Carolina, Chapel Hill; MA, 1984, PhD, 1991, Oregon. (1997)

Margaret E. Sereno, associate professor (visual cognition, neural network modeling, brain imaging). BA, 1983, Northern Illinois; PhD, 1989, Brown. (1991)

Azim Shariff, assistant professor (religion, morality, cultural and evolutionary psychology). BSc, 2004, Toronto; MA, 2006, PhD, 2010, British Columbia. (2010)

Paul Slovic, professor (judgment, decision-making, risk assessment). BA, 1959, Stanford; MA, 1962, PhD, 1964, Michigan. (1986)

Matt Smear, assistant professor (systems neuroscience, olfaction). ScB, 1998, Duke; PhD, 2005, California, San Francisco. (2014)

Sanjay Srivastava, associate professor (interpersonal perception and self-perception, social functions of emotions, personality dynamics and development). BA, 1995, Northwestern; PhD, 2002, California, Berkeley. (2004)

Don M. Tucker, professor (emotion, cognition, neuropsychology). BA, 1969, Colorado; MS, 1972, PhD, 1974, Pennsylvania State. (1984)

Nash Unsworth, associate professor (working memory, memory and attention differences, memory search and retrieval). BS, 2001, Idaho State; PhD, 2006, Georgia Institute of Technology. (2010)

Michael Wehr, associate professor (systems neuroscience, auditory neurophysiology, cortical circuits). ScB, 1991, Brown; PhD, 1999, California Institute of Technology. (2005)

Emeriti

Lewis R. Goldberg, professor emeritus. AB, 1953, Harvard; MA, 1954, PhD, 1958, Michigan. (1960)

Barbara Gordon-Lickey, professor emerita. AB, 1963, Radcliffe; PhD, 1966, Massachusetts Institute of Technology. (1969)

Marvin Gordon-Lickey, professor emeritus. AB, 1959, Oberlin; MA, 1962, PhD, 1965, Michigan. (1967)

Douglas L. Hintzman, professor emeritus. BA, 1963, Northwestern; PhD, 1967, Stanford. (1969)

Ray Hyman, professor emeritus. AB, 1950, Boston University; MA, 1952, PhD, 1953, Johns Hopkins. (1961)

Carolin Keutzer, associate professor emerita. BA, 1960, MA, 1963, PhD, 1967, Oregon. (1967)

Daniel P. Kimble, professor emeritus. BA, 1956, Knox; PhD, 1961, Michigan. (1963)

Peter M. Lewinsohn, professor emeritus. BS, 1951, Allegheny; MA, 1953, PhD, 1955, Johns Hopkins. (1965)

Edward Lichtenstein, professor emeritus. BA, 1956, Duke; MA, 1957, PhD, 1961, Michigan. (1966)

Richard A. Littman, professor emeritus. AB, 1943, George Washington; PhD, 1948, Ohio State. (1948)

Richard Marrocco, professor emeritus. BA, 1965, California, Los Angeles; PhD, 1972, Indiana. (1973)

Michael I. Posner, professor emeritus. BS, 1957, MS, 1959, Washington (Seattle); PhD, 1962, Michigan. (1965)

Mary K. Rothbart, professor emerita. BA, 1962, Reed; PhD, 1967, Stanford. (1969)

Myron Rothbart, professor emeritus. BA, 1962, Reed; PhD, 1966, Stanford. (1969)

Marjorie Taylor, professor emerita. BS, 1979, MS, 1981, Acadia; PhD, 1985, Stanford. (1985)

Robert L. Weiss, professor emeritus. BA, 1952, PhD, 1958, State University of New York, Buffalo. (1966)

The date in parentheses at the end of each entry is the first year on the University of Oregon faculty.

- **Bachelor of Arts**
- **Bachelor of Science**
- **Minor**

Undergraduate Studies

All students participate in and collaborate on research as part of the academic course sequence. Students are encouraged to gain additional research experience through research assistant positions in faculty labs and the undergraduate honors thesis program. The psychology major affords students great flexibility in selecting upper-division courses to fit individual goals and interests. Classroom and internship opportunities are enriched by numerous faculty research programs that range in levels of analysis and intellectual focus. An undergraduate degree in psychology provides the background for a broad range of careers, including social services, education, law, or graduate programs in psychology.

Preparation

High school preparation should include courses in social sciences as well as the natural sciences (physics, biology, chemistry). Language and mathematical skills are also highly desirable. In general, the broad liberal-arts training that prepares students for college studies is appropriate for majoring in psychology at the university.

Careers

Some students major in psychology to prepare for graduate training and careers in related fields such as personnel relations, vocational and personal counseling, medicine and dentistry, social and case work, marketing, administration, the legal profession, or counseling in the public schools. Others prepare for careers as academic psychologists (teaching and research), clinical psychologists (mental health centers, institutions, and private practice), industrial and organizational psychologists, and government psychologists (testing, research, and administration).

Career information is also available on the American Psychological Association website.

Review of Courses

Lower-Division Courses

Among lower-division courses, psychology is introduced as a social science by the following courses:

PSY201	Mind and Brain	4
PSY304	Biopsychology	4
PSY202	Mind and Society	4
PSY330	Thinking	4
PSY348	Music and the Brain	4
PSY366	Culture and Mental Health	4
PSY376	Child Development	4
PSY380	Psychology of Gender	4

Transfer students should plan to take no more than two lower-division courses before starting upper-division work. The introductory courses should be chosen with an eye toward prerequisites for upper-division courses and toward providing a broad background in the field. Transfer equivalents for lower-division courses are evaluated case by case. Check with the department's head advisor to determine equivalency of completed introductory work.

Upper-Division Courses

Upper-division courses fall into three categories:

1. Courses that teach research skills and methodologies (Statistical Methods in Psychology (PSY302) and Research Methods in Psychology (PSY303)).
2. Other 300-level courses are of broad interest to many different majors throughout the university as well as to psychology majors
3. Area courses, numbered 410 to 480, designed for psychology majors, may be open to other students who fulfill the prerequisites by obtaining instructor approval

Group Requirements

For psychology courses approved to fulfill social science or science group requirements, see the current course list on the registrar's website, registrar.uoregon.edu/common/group_courses.php.

Major Requirements

Required courses must be taken for letter grades and passed with C– or better. Elective psychology courses may be taken pass/no pass. Students must take 12 elective credits, 8 of which must be actual content courses.

Bachelor of Arts Degree Requirements

Upper-Division Prerequisite Set I [1,2]		
MATH111	College Algebra (or equivalent) [1]	4
orMATH243	Introduction to Methods of Probability and Statistics	
PSY201	Mind and Brain	4
PSY202	Mind and Society	4
Select one of the following:		8
WR121 &WR122	College Composition I and College Composition II	
WR121 &WR123	College Composition I and College Composition III	
Upper-Division Prerequisite Set II [2,3]		
PSY302	Statistical Methods in Psychology	4
PSY303	Research Methods in Psychology	4
Upper-Division Courses [2,4,5]		
HPHY333	Motor Control	
Select two of the following, one of which must be a psychology (PSY) course:		
LING396	Language and Cognition	
orPSY440	Psycholinguistics	
PSY433	Learning and Memory	
PSY435	Cognition	
PSY436	Human Performance	
PSY438	Perception	
PSY445	Brain Mechanisms of Behavior	
PSY449	Human Neuropsychology	
PSY450	Hormones and Behavior	
PSY475	Cognitive Development	
PSY476	Language Acquisition	

Select two of the following:		8
PSY420	Psychology and Law	
PSY456	Social Psychology	
PSY457	Group Dynamics	
PSY458	Decision-Making	
PSY459	Cultural Psychology	
PSY461	Imagination	
PSY468	Motivation and Emotion	
PSY469	Psychopathology	
PSY471	Personality	
PSY472	Psychology of Trauma	
PSY473	Marital and Family Therapies	
PSY478	Social Development	
PSY480	Development and Psychopathology	
Additional Requirements		12
12 credits of biology, any level; or 12 credits of chemistry, any level; or 12 credits of physics, any level		
Total Credits		**48**

1 Should be completed by the end of sophomore year.

2 Required courses must be taken for letter grades and passed with C– or better.

3 Should be completed by the end of junior year.

4 A total of 36 credits must be from courses in the upper division. A maximum of 4 credits in any Research: [Topic] (PSY401) or Practicum: [Topic] (PSY409) may be applied to the upper-division credits. Practicum credits must be earned at a practicum site approved by the head undergraduate faculty advisor.

5 Elective psychology courses may be taken pass/no pass. Students must take 12 elective credits, 8 of which must be actual content courses.

Bachelor of Science Degree Requirements

Upper-Division Prerequisite Set I [1,2]		
MATH111	College Algebra (or equivalent) [1]	4
orMATH243	Introduction to Methods of Probability and Statistics	
PSY201	Mind and Brain	4
PSY202	Mind and Society	4
Select one of the following:		8
WR121 &WR122	College Composition I and College Composition II	
WR121 &WR123	College Composition I and College Composition III	
Upper-Division Prerequisite Set II [2,3]		
PSY302	Statistical Methods in Psychology	4
PSY303	Research Methods in Psychology	4
Upper-Division Courses [2,4,5]		
HPHY333	Motor Control	
Select two of the following, one of which must be a psychology (PSY) course:		
LING396	Language and Cognition	
orPSY440	Psycholinguistics	
PSY433	Learning and Memory	
PSY435	Cognition	
PSY436	Human Performance	
PSY438	Perception	
PSY445	Brain Mechanisms of Behavior	
PSY449	Human Neuropsychology	
PSY450	Hormones and Behavior	
PSY475	Cognitive Development	
PSY476	Language Acquisition	
Select two of the following:		8
PSY420	Psychology and Law	
PSY456	Social Psychology	
PSY457	Group Dynamics	
PSY458	Decision-Making	
PSY459	Cultural Psychology	
PSY461	Imagination	
PSY468	Motivation and Emotion	
PSY469	Psychopathology	
PSY471	Personality	
PSY472	Psychology of Trauma	
PSY473	Marital and Family Therapies	
PSY478	Social Development	
PSY480	Development and Psychopathology	
Additional Requirements		12
12 credits of biology, any level; or 12 credits of chemistry, any level; or 12 credits of physics, any level		
Total Credits		**48**

1 Should be completed by the end of sophomore year.

2 Required courses must be taken for letter grades and passed with C– or better.

3 Should be completed by the end of junior year.

4 A total of 36 credits must be from courses in the upper division. A maximum of 4 credits in any Research: [Topic] (PSY401) or Practicum: [Topic] (PSY409) may be applied to the upper-division credits. Practicum credits must be earned at a practicum site approved by the head undergraduate faculty advisor.

5 Elective psychology courses may be taken pass/no pass. Students must take 12 elective credits, 8 of which must be actual content courses.

Planning a Program

Besides attending lecture courses, students may participate in seminars, reading and conference courses, laboratory work, and other means of gaining experience. Departmental requirements for a psychology major are designed to maximize individual curriculum planning. Students are encouraged to schedule frequent consultations with their advisors to ensure completion of all requirements. Peer advisors can help students create a two- or four-year plan.

Sample Program

The sample program shown provides an idea of a typical course load during the freshman year for a student working on a bachelor's of science.

First Year	
Fall	**Credits**

Art and Letters elective		4
WR121	College Composition I	4
Mathematics		4
Science elective		4
Winter		
Arts and letters elective		4
WR122 or 123	College Composition II	4
Mathematics		4
Social science elective		4
Spring		
Arts and letters elective		4
PSY201 or 202	Mind and Brain	4
Mathematics		4
Science elective		4
	Total Credits:	**48**

Departmental requirements for a psychology major are designed to maximize individual curriculum planning. This should be done in close and frequent consultation with the advisor.

Peer Advising

The psychology department's peer advisors work to make academic advising more effective, welcoming, and efficient. Questions about the university system and specific inquiries about the department's norms, opportunities, and courses are welcome. During the academic year, the peer advisors hold regularly scheduled office hours in 229 Straub Hall.

Preparation for Graduate Study

A bachelor's degree is seldom sufficient qualification for professional work in psychology; at least a master's degree is required for most positions. Students should not undertake graduate work unless their grades in undergraduate psychology and related courses have averaged mid-B (3.00) or better.

Prospective graduate students in psychology are advised to take courses in related fields such as anthropology, biology, computer science, chemistry, linguistics, mathematics, philosophy, physics, and sociology. Strong preparation in quantitative methods is advisable. Reading knowledge of at least one second language appropriate to psychology also may be useful.

Honors Curriculum

Students with excellent records who plan to pursue a career in psychology may consider applying to the departmental honors program upon completion of PSY 303. The honors program centers on an independent research project, which the student develops and carries out under the supervision of a departmental committee. Information about admission criteria and how to apply is available online, psychology.uoregon.edu/undergraduate/academics/honors-program.

Minor Requirements

Special Studies: [Topic] (PSY199) does not count toward the minor.

PSY201 &PSY202	Mind and Brain and Mind and Society	8
PSY302 &PSY303	Statistical Methods in Psychology and Research Methods in Psychology	8
Select three of the following:		12
HPHY333	Motor Control	
PSY410	Experimental Course: [Topic] (Evolutionary Psychology)	
PSY420	Psychology and Law	
PSY433	Learning and Memory	
PSY435	Cognition	
PSY436	Human Performance	
PSY438	Perception	
PSY440	Psycholinguistics	
orLING396	Language and Cognition	
PSY445	Brain Mechanisms of Behavior	
PSY450	Hormones and Behavior	
PSY456	Social Psychology	
PSY457	Group Dynamics	
PSY458	Decision-Making	
PSY459	Cultural Psychology	
PSY461	Imagination	
PSY468	Motivation and Emotion	
PSY469	Psychopathology	
PSY471	Personality	
PSY472	Psychology of Trauma	
PSY473	Marital and Family Therapies	
PSY476	Language Acquisition	
PSY478	Social Development	
PSY480	Development and Psychopathology	
Total Credits		**28**

All 28 credits must be taken for letter grades and passed with a C– or better. At least 16 credits must be upper-division courses taken in residence at the University of Oregon.

Middle and Secondary School Teaching Careers

The College of Education offers a fifth-year program for middle-secondary teaching in social studies. This program is described in the **College of Education** section of this catalog.

- **Master of Arts**
- **Master of Science**
- **Doctor of Philosophy**

Graduate Studies

The department emphasizes graduate work at the doctoral level, but an individualized master's degree program is available to a limited number of students.

Master's Degree Program

The individualized master's degree program does not lead to a PhD. The degree—either a master of arts (MA) or a master of science (MS)—requires 45 credits of course work. Program and application information

may be obtained from the department website. Clinical training is not available in the master's program.

Doctoral Degree Programs

The five chief PhD program options are clinical, cognitive-neuroscience, systems neuroscience, developmental, and social-personality.

The department maintains a psychology clinic; specialized facilities for child and social research; experimental laboratories for human research, and well-equipped animal laboratories.

Applicants to the PhD program in psychology must take the Graduate Record Examination (GRE) and provide official results to institute code 4846 and department code 2016. Applicants must also provide three letters of recommendation, curriculum vitae, writing sample, statement of purpose, and official transcripts from all colleges and universities attended. Instructions, deadlines, and a complete list of required materials may be obtained from the department website.

During the first year of graduate work, students acquire a broad background in psychology and are introduced to methods, research, and ethics. Each student's program is planned in relation to background, current interests, and future goals. Research experience and a dissertation are required of PhD candidates; teaching experience is recommended, and opportunities to teach are available.

Requirements for Doctoral Students

PSY611–613	Data Analysis I-III	12
Three of five core courses		
PSY607	Seminar: [Topic] (three terms: Research, Ethics, Research)	1-5
First-year research requirement		
Supporting area requirement		
Major preliminary examination		
Additional course work required for students in the clinical program [1]		
Doctoral dissertation		

[1] See the *Guide to the Clinical Psychology Program*.

More detailed program and application information may be obtained from the department website.

For general regulations governing graduate work at the university, see the **Graduate School** section of this catalog.

Clinical Psychology

The clinical psychology program has been continuously accredited by the American Psychological Association since 1958 (Commission on Accreditation, American Psychological Association, 750 First Street NE, Washington, D.C. 20002-4242, 202-336-5979); it is also accredited by the Psychological Clinical Science Accreditation System, and is a member of the Academy of Psychological Clinical Science.

The program endorses a clinical scientist model for graduate training. This model emphasizes multilevel conceptualizations of psychopathology, comprising neurobiological, developmental, psychosocial, and multicultural perspectives. Doctoral students receive training in infant, child, and adult psychopathology; culture and diversity; infant, child, family, and adult assessment; and neuropsychology. All practicums and clinical training experiences have a strong focus on evidence-based treatments. Students receive training in the clinical techniques and practices as well as the methodology for development, implementation, and evaluation of these interventions. Both psychotherapeutic interventions and prevention programs are included in the training.

The major goal of doctoral training is to support promising doctoral students in developing careers as scientist-practitioners. Students interested primarily in clinical practice would most likely prefer a program less research-oriented than the Oregon Clinical Psychology Training Program.

The research and clinical opportunities available to doctoral students depend on current activities of the clinical and departmental faculty, and may also encompass ongoing projects in research institutes located in the Eugene community that are affiliated with the clinical program. These institutions include the Oregon Research Institute, Oregon Social Learning Center, Decision Research, and Electrical Geodesics.

Members of the clinical faculty and other instructors with clinical interests have ongoing research in several areas, including the neurobiology of early stress, brain development and neural plasticity, behavior and molecular genetics, infant mental health, emotion and attention, prevention science, school readiness, child welfare system research, pubertal development and the transition to adolescence, depression, anxiety, personality measurement and theory, cognitive therapy, child and family assessment, social and emotional adjustment of children and adolescents, drug and alcohol abuse, cross-cultural psychology, sexual aggression, interpersonal violence, child abuse, institutional betrayal, and traumatic stress.

The department places a particularly high priority on translational research, encouraging multidisciplinary collaborations with colleagues from other areas of psychology and other academic departments. Currently, faculty research is funded by the National Science Foundation, National Institute of Mental Health, National Institute of Drug Abuse, National Institute on Child Health and Development, and the Institute of Education Sciences.

Additional information regarding course requirements for clinical students is provided in the *Guide to the Clinical Program* and the *Doctoral Student Handbook,* located on the department website.

Cognitive Psychology and Cognitive Neuroscience

The Department of Psychology at the University of Oregon has played an important role in the development of the field of cognitive neuroscience, and current researchers are continuing that tradition. Research areas include the cognitive and neural basis of perception, visual cognition, selective attention, working memory, long-term memory, executive control, action, language processing, and brain plasticity. Also under investigation are how these processes are altered by development in impoverished environments, aging, traumatic brain injury, autism, and other conditions. Studies employ a wide range of methods, including behavioral experiments, analyses of individual differences, functional imaging, electrophysiology, and transcranial magnetic and direct current stimulation.

The research efforts of the cognitive neuroscience laboratories benefit from the collaborative atmosphere at the University of Oregon, both within psychology and across other departments, allowing for an exploration of cognitive processes at many levels of analysis. Labs are located within the state-of-the-art facilities of the Robert and Beverly Lewis Integrative Science Building, in close proximity to the many other labs of the Institute

of Neuroscience (http://www.neuro.uoregon.edu). The building also houses the Lewis Center for Neuroimaging (http://lcni.uoregon.edu), a research-dedicated facility with a 3T MRI scanner that supports ongoing research and training with functional and structural magnetic resonance imaging.

One of the most important aspects of the cognitive neuroscience graduate program is its informal atmosphere. At the same time, there is an emphasis on the development of imagination and intellectual independence. Students are encouraged to explore their research ideas from many different perspectives, with the assistance of the expertise from researchers in several labs within the Department of Psychology and the Institute of Neuroscience.

Developmental Psychology

The Department of Psychology has recently expanded the scope of its developmental psychology program with the addition of new faculty members and newemphases in the graduate curriculum. The department offers extensive coverage of development during infancy, childhood, and adolescence, with some additional interest in aging. Several areas ofresearch are strongly represented, including cognitive development, socio-emotional development, developmental psychopathology, and developmental social andaffective neuroscience.

Several exciting clusters of expertise exist within these broad areas. Research on theory of mind and perspective-taking as well as imagination and creativity links to research on the development of executivefunctioning and self-regulation. This cluster also dovetails with research onself-evaluation; affective and appetitive motivations, and decision-making. Yet another active area of work looks atinfant processing of action, language, and the statistical and temporal properties of everyday visual and linguistic environments. In addition, many researchers share a strong interest in social contextual effects on infant, child, and adolescent well-being, ranging from the small-scale (familial and peer influences, early adversity) to the large (cultural and global contexts of development).

Members of the developmental psychology faculty also have strong collaborative links with the Oregon Social Learning Center (http://www.oslc.org), Prevention Science Institute (http://psi.uoregon.edu), Oregon Research Institute (http://www.ori.org), and the interdisciplinary Institute of Cognitive and Decision Sciences (http://icds.uoregon.edu).Current and previous funding sources for the faculty and students in developmental psychology include the National Science Foundation, the National Institute on Drug Abuse, the Eunice Kennedy Shriver National Institute of Child Health and Human Development, the National Institute of Mental Health, and the Oregon Medical Research Foundation. Graduates from the program have risen to faculty and postdoctoral positions at the University of Minnesota, Swarthmore College, Queen's University, Vanderbilt University, the University of California at Davis, the University of Michigan, Hamilton College, the University of Utah, Oregon Health and Science University, the University of Oregon, and Brown University, among others.

Social and Personality Psychology

Research in social and personality psychology at the University of Oregon reflects an intellectually diverse approach to understanding intrapersonal and interpersonal processes and individual differences. The program concentrates on high-quality research and training combined with substantive and methodological breadth. Faculty members conduct research spanning a broad spectrum of human behavior using innovative approaches. Areas of particular focus include

- Emotion and motivation—emotion regulation, social functions of emotions, self-regulation, goal pursuit, stress and physiology
- Self- and social cognition—self-perception and interpersonal perception, perspective-taking and empathy, self-other comparisons
- Groups, networks, and organizations—status hierarchies, social power, psychology of war and sociopolitical violence, group dynamics, online social networks
- Culture, values, and worldviews—moral psychology, culture and belief systems, psychology of religion
- Personality structure and development—structure of personality attributes, culture and personality description, lifespan development
- Decision-making and risk perception—neuroeconomics and valuation, social and financial decision-making, decision-making in applied contexts (e.g., legal, aviation, risk assessment)

Research in these areas draws upon a wide range of methods, including dyadic and group methods, psychophysiology, neuroimaging, neuroendocrinology, experience sampling, longitudinal studies, surveys, computational methods, and field studies. Students have the opportunity to develop their skills through course work and through collaboration with faculty mentors.

Training in the program exposes students to a wide range of topics through small seminars, lab meetings, and a variety of other opportunities. Students often work with multiple instructors and researchers, including faculty members from other areas of psychology, from other departments and units on campus, and from other institutions. Students may flexibly tailor their own graduate program under the guidance of faculty advisors, making the social and personality psychology program a distinctive training experience for each graduate student.

Courses

PSY199. Special Studies: [Topic]. 1-5 Credits.
Repeatable.

PSY201. Mind and Brain. 4 Credits.
Introduction to perception, memory, learning, and cognition.

PSY202. Mind and Society. 4 Credits.
Introduction to topics in clinical, personality, social, and developmental psychology.

PSY302. Statistical Methods in Psychology. 4 Credits.
Probability and statistics applied in psychological research. Topics include descriptive statistics, hypothesis testing, correlation, regression, and design of experiments. With laboratory.
Prereq: MATH 111 or 243; WR 121; pre- or coreq: PSY 201, 202. Sophomore standing.

PSY303. Research Methods in Psychology. 4 Credits.
Use of library and bibliographic methods, handling of survey data, coding, interviews, standardized tests, and experiments.
Prereq: PSY 201, 202, 302; WR 122 or 123.

PSY304. Biopsychology. 4 Credits.
Relationships between brain and endocrine activity and behavior. Topics include sensation, perception, sexual behavior, drug effects, eating, drinking, sleeping, dreaming, and learning.

PSY330. Thinking. 4 Credits.
Psychological methods involved in problem solving, complex learning, and various forms of rational and irrational reasoning and belief systems.

PSY348. Music and the Brain. 4 Credits.
Explores the neural correlates of our perception of tonality, harmony, melody, and rhythm and how these relate to neurobiology, brain damage, and cognitive neuroscience.

PSY366. Culture and Mental Health. 4 Credits.
Role of culture in the definition and maintenance of mental health and the definition and treatment of mental illness.

PSY376. Child Development. 4 Credits.
Survey of social, intellectual, and personality development in infancy, childhood, and adolescence.

PSY380. Psychology of Gender. 4 Credits.
Critical analysis of evidence for sex differences, gender roles, and the effect of gender on traditional issues in psychology. Topics include parenthood, violence, and sexual orientation.

PSY383. Psychoactive Drugs. 4 Credits.
Physiological and behavioral effects of psychoactive drugs such as alcohol, opiates, barbiturates, and excitants. The psychology of use and overuse; therapies for correcting drug problems.

PSY388. Human Sexuality. 4 Credits.
The nature of human sexuality; hormonal, instinctual, and learned factors in sexuality; psychosexual development; sexual orientation; frequency and significance of various types of sexual behavior; sexual inadequacy; sexual deviation.

PSY399. Special Studies: [Topic]. 1-5 Credits.
Repeatable.

PSY401. Research: [Topic]. 1-21 Credits.
Repeatable.

PSY403. Thesis. 1-12 Credits.
Repeatable.

PSY405. Reading and Conference: {Topic]. 1-21 Credits.
Repeatable.

PSY406. Field Studies: [Topic]. 1-21 Credits.
Repeatable.

PSY407. Seminar: [Topic]. 1-5 Credits.
Repeatable.

PSY408. Laboratory Projects: [Topic]. 1-9 Credits.
Repeatable.

PSY409. Practicum: [Topic]. 1-9 Credits.
Repeatable.

PSY410. Experimental Course: [Topic]. 1-5 Credits.
Repeatable.

PSY412. Applied Data Analysis. 4 Credits.
Intermediate-level practical data analysis and interpretation. Topics include experimental design, analysis of variance, multiple regression, exploratory data analysis. Extensive computer use. Honors only.
Prereq: PSY 303.

PSY420. Psychology and Law. 4 Credits.
Introduction to topics of concern to both psychology and the law. Includes eyewitness identification, legal decision-making, criminal defenses, profiling, polygraphy, and mental-health law.
Prereq: PSY 303.

PSY433. Learning and Memory. 4 Credits.
Processes underlying learning and memory, including evolution. Topics range from simple forms of behavior change to the acquisition, retention, forgetting, and retrieval of symbolic information.
Prereq: PSY 303.

PSY435. Cognition. 4 Credits.
Issues of memory; coding for storage, control processes for storage; attention and cognitive control; analysis of more complex cognitive tasks; approaches to problem solving.
Prereq: PSY 303.

PSY436. Human Performance. 4 Credits.
Motor and intellectual capacities; analysis of the flow of information within the nervous system; applications of performance principles to human-machine systems.
Prereq: PSY 303.

PSY438. Perception. 4 Credits.
Topics covered are color, size, shape, depth, distance, and movement. Examines the relationships between stimuli and perception, stimuli and the neural response, and the neural response and perception.
Prereq: PSY 303.

PSY440. Psycholinguistics. 4 Credits.
Processes and structures underlying language use. Methods of studying language processing. Relationships between psycholinguistic data and observations from linguistics and neurophysiology.
Prereq: PSY 303.

PSY445. Brain Mechanisms of Behavior. 4 Credits.
Organization of the mammalian brain. Structure and function of the neuronal systems underlying vision, perception, motivation, coordinated movement, sleep-wakefulness, learning and memory, and affective disorders.
Prereq: PSY 303, 304.

PSY449. Human Neuropsychology. 4 Credits.
Integrative neural mechanisms of normal and abnormal processes in systems (e.g., selective attention, language, memory, object recognition, and emotion).
Prereq: PSY 303, 304.

PSY450. Hormones and Behavior. 4 Credits.
Relationships among the brain, endocrine systems, and behavior. Developmental effects of hormones on the brain, puberty, sexuality, aggression, stress.
Prereq: PSY 303.

PSY456. Social Psychology. 4 Credits.
Processes underlying social perception and social interaction. Topics include aggression, the self-concept, stereotyping and prejudice, conformity, persuasion, attraction, and helping.
Prereq: PSY 303.

PSY457. Group Dynamics. 4 Credits.
Topics in small-group dynamics, including decision-making, conflict, and changes over time in group structure and behavior.
Prereq: PSY 303.

PSY458. Decision-Making. 4 Credits.
Psychological processes involved in judgment and decision-making. Normative theories of ideal behavior contrasted with descriptive analysis of actual behavior.
Prereq: PSY 303.

PSY459. Cultural Psychology. 4 Credits.
Examines interdependence between mind and culture in substantive domains such as social cognition, motivation, emotion, and psychopathology. Cultural pluralism, collective identities, tolerance, and diversity considered.
Prereq: PSY 303.

PSY461. Imagination. 4 Credits.
Topics in human imagination, including creativity, children's pretend play, fiction writing, imagery, mental time travel, consciousness, dreaming, virtual worlds, and disorders of the imagination.
Prereq: PSY 303.

PSY468. Motivation and Emotion. 4 Credits.
Adaptive human behavior; considers biological processes involved in emotions, how emotions interact with cognition, and social influences.
Prereq: PSY 303.

PSY469. Psychopathology. 4 Credits.
Major descriptive and theoretical approaches to etiological, developmental, and social factors in emotion and personality disorders. Includes assessment, diagnosis, treatment, and special topics.
Prereq: PSY 303.

PSY471. Personality. 4 Credits.
Theory and methods for studying human traits, including personality measures and tests; studies of age, gender, and culture. Current research in personality.
Prereq: PSY 303.

PSY472. Psychology of Trauma. 4 Credits.
Cognitive, neuropsychological, developmental, social, and clinical approaches to understanding trauma. Includes analysis of childhood trauma, sexual assault, domestic violence, terrorism, combat, and natural disasters.
Prereq: PSY 303.

PSY473. Marital and Family Therapies. 4 Credits.
Behavioral basis of dyadic interactions; adult intimacy and love relationships. Clinical-counseling approaches: assessment, marital therapies, and evaluation. Models of marital adjustment and assessment of interpersonal relationships.
Prereq: PSY 303.

PSY475. Cognitive Development. 4 Credits.
Intellectual development in children from infancy to adolescence with a focus on early childhood. Topics covered include perception, attention, memory, reasoning, conceptual structure, social cognition.
Prereq: PSY 303.

PSY476. Language Acquisition. 4 Credits.
How children acquire language from the earliest speech sounds to full sentences. Topics include babbling, first words, word combinations, the relationship between cognition and language development.
Prereq: PSY 303.

PSY478. Social Development. 4 Credits.
Theoretical issues and empirical studies of social-emotional development. Topics may include attachment, temperament, moral development, family interaction, self-image, aggression, and sex-role development.
Prereq: PSY 303.

PSY480. Development and Psychopathology. 4 Credits.
Biological and environmental factors that shape normal and abnormal development. Analysis of how family functioning affects psychopathology and resilience in children and adolescents.
Prereq: PSY 303.

PSY490. Honors in Psychology. 1 Credit.
Repeatable. Reading and conference. Repeatable twice for maximum of 3 credits each.
Prereq: Honors psychology majors only.

PSY491. Honors is Psychology. 1 Credit.
Repeatable. Reading and conference. Repeatable twice for maximum of 3 credits each.
Prereq: Honors psychology majors only.

PSY492. Honors in Psychology. 1 Credit.
Repeatable. Reading and conference. Repeatable twice for maximum of 3 credits each.
Prereq: Honors psychology majors only.

PSY503. Thesis. 1-16 Credits.
Repeatable.

PSY507. Seminar: [Topic]. 1-5 Credits.
Repeatable.

PSY510. Experimental Course: [Topic]. 1-5 Credits.
Repeatable.

PSY512. Applied Data Analysis. 4 Credits.
Intermediate-level practical data analysis and interpretation. Topics include experimental design, analysis of variance, multiple regression, exploratory data analysis. Extensive computer use.

PSY520. Psychology and Law. 4 Credits.
Introduction to topics of concern to both psychology and the law. Includes eyewitness identification, legal decision-making, criminal defenses, profiling, polygraphy, and mental-health law.

PSY533. Learning and Memory. 4 Credits.
Processes underlying learning and memory, including evolution. Topics range from simple forms of behavior change to the acquisition, retention, forgetting, and retrieval of symbolic information.

PSY535. Cognition. 4 Credits.
Issues of memory; coding for storage, control processes for storage; attention and cognitive control; analysis of more complex cognitive tasks; approaches to problem solving.

PSY536. Human Performance. 4 Credits.
Motor and intellectual capacities; analysis of the flow of information within the nervous system; applications of performance principles to human-machine systems.

PSY538. Perception. 4 Credits.
Topics covered are color, size, shape, depth, distance, and movement. Examines the relationships between stimuli and perception, stimuli and the neural response, and the neural response and perception.

PSY540. Psycholinguistics. 4 Credits.
Processes and structures underlying language use. Methods of studying language processing. Relationships between psycholinguistic data and observations from linguistics and neurophysiology.

PSY545. Brain Mechanisms of Behavior. 4 Credits.
Organization of the mammalian brain. Structure and function of the neuronal systems underlying vision, perception, motivation, coordinated movement, sleep-wakefulness, learning and memory, and affective disorders.

PSY549. Human Neuropsychology. 4 Credits.
Integrative neural mechanisms of normal and abnormal processes in systems (e.g., selective attention, language, memory, object recognition, and emotion).

PSY550. Hormones and Behavior. 4 Credits.
Relationships among the brain, endocrine systems, and behavior. Developmental effects of hormones on the brain, puberty, sexuality, aggression, stress.

PSY556. Social Psychology. 4 Credits.
Processes underlying social perception and social interaction. Topics include aggression, the self-concept, stereotyping and prejudice, conformity, persuasion, attraction, and helping.

PSY557. Group Dynamics. 4 Credits.
Topics in small-group dynamics, including decision-making, conflict, and changes over time in group structure and behavior.

PSY558. Decision-Making. 4 Credits.
Psychological processes involved in judgment and decision-making. Normative theories of ideal behavior contrasted with descriptive analysis of actual behavior.

PSY559. Cultural Psychology. 4 Credits.
Examines interdependence between mind and culture in substantive domains such as social cognition, motivation, emotion, and psychopathology. Cultural pluralism, collective identities, tolerance, and diversity considered.

PSY568. Motivation and Emotion. 4 Credits.
Adaptive human behavior; considers biological processes involved in emotions, how emotions interact with cognition, and social influences.

PSY569. Psychopathology. 4 Credits.
Major descriptive and theoretical approaches to etiological, developmental, and social factors in emotion and personality disorders. Includes assessment, diagnosis, treatment, and special topics.

PSY571. Personality. 4 Credits.
Theory and methods for studying human traits, including personality measures and tests; studies of age, gender, and culture. Current research in personality.

PSY572. Psychology of Trauma. 4 Credits.
Cognitive, neuropsychological, developmental, social, and clinical approaches to understanding trauma. Includes analysis of childhood trauma, sexual assault, domestic violence, terrorism, combat, and natural disasters.

PSY573. Marital and Family Therapies. 4 Credits.
Behavioral basis of dyadic interactions; adult intimacy and love relationships. Clinical-counseling approaches: assessment, marital therapies, and evaluation. Models of marital adjustment and assessment of interpersonal relationships.

PSY575. Cognitive Development. 4 Credits.
Intellectual development in children from infancy to adolescence with a focus on early childhood. Topics covered include perception, attention, memory, reasoning, conceptual structure, social cognition.

PSY576. Language Acquisition. 4 Credits.
How children acquire language from the earliest speech sounds to full sentences. Topics include babbling, first words, word combinations, the relationship between cognition and language development.

PSY578. Social Development. 4 Credits.
Theoretical issues and empirical studies of social-emotional development. Topics may include attachment, temperament, moral development, family interaction, self-image, aggression, and sex-role development.

PSY580. Development and Psychopathology. 4 Credits.
Biological and environmental factors that shape normal and abnormal development. Analysis of how family functioning affects psychopathology and resilience in children and adolescents.

PSY601. Research: [Topic]. 1-21 Credits.
Repeatable.

PSY602. Supervised College Teaching. 1-3 Credits.
Repeatable.

PSY603. Dissertation. 1-16 Credits.
Repeatable.

PSY605. Reading and Conference: [Topic]. 1-21 Credits.
Repeatable.

PSY607. Seminar: [Topic]. 1-5 Credits.
Repeatable.

PSY609. Practicum: [Topic]. 1-9 Credits.
Repeatable.

PSY610. Experimental Course: [Topic]. 1-21 Credits.
Repeatable.

PSY611. Data Analysis I. 4 Credits.
Introduction to probability, hypothesis testing, and analysis of variance with applications. Includes training in the statistical analysis of data by computer. With laboratory.

PSY612. Data Analysis II. 4 Credits.
Multiple regression and advanced topics in analysis of variance. Includes training in the statistical analysis of data by computer. With laboratory.
Prereq: PSY 611.

PSY613. Data Analysis III. 4 Credits.
Multivariate techniques including MANOVA, factor analysis, principal components. Includes training in the statistical analysis of data by computer. With laboratory.
Prereq: PSY 612.

PSY620. Psychopathology. 3 Credits.
Definition, measurement, and diagnosis of deviant behavior; includes critical reviews of research on the etiology, intervention, and outcome of major mental disorders.
Prereq: major standing.

PSY621. Clinical Psychobiology. 3 Credits.
Research and theory from the neurosciences applied to clinical problems and biological therapies.
Prereq: major standing.

PSY704. Internship: [Topic]. 1-15 Credits.
Repeatable.

Religious Studies

Frederick Colby, Department Head
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The Department of Religious Studies offers courses about the teachings and practices of the world's major religions from an academic perspective. Courses focus on the history and philosophy of religions including their origins, sacred texts, rituals and practices, beliefs, and subgroups. The courses provide a broad understanding of the nature and role of religion in the world's many cultures, present and past, for students in all fields, as well as integrated programs for majors in religious studies.

The department annually sponsors two programs, the Ira E. Gaston Lecture in Christianity and the Distinguished Visiting Lecturer in Asian Religion, which bring eminent scholars to campus for lectures and seminars.

Preparation

The best high school or community college preparation for an undergraduate program in religious studies is a good general background in social science and the humanities.

Careers

An undergraduate major in religious studies can lead to graduate programs in religious studies—either academic or professional—as well as other related areas of graduate studies such as history, sociology, folklore, and various area studies (e.g., Middle East studies, East Asian languages and literatures).

Students with a bachelor of arts in religious studies have had success in various professional fields such as religion, journalism, social work, education, business, and law.

Graduate Studies

In the absence of a graduate program, students may work with faculty members from religious studies as well as other university departments toward an interdisciplinary studies: individualized program master's degree (MA or MS) focusing on religious studies, offered through the Graduate School. Information is available in the **Graduate School** section of this catalog.

Advanced Degrees in Other Departments

Faculty members in other departments may have a specialty or interest in the study of religion. Students interested in an advanced degree in these areas should apply for admission to graduate study in the relevant department. Prior contact with the faculty member is encouraged. The available degrees, faculty members, and area of specialty are listed below as a guide.

Department	Degree(s)	Specialty	Faculty
Anthropology	PhD (general anthropology MA presupposed)	Comparative religions, religion and symbol in particular cultures	Aletta Biersack, Carol T. Silverman
Asian Studies	MA	Buddhism in premodern Japan	Andrew E. Goble (history)
		East Asian religions	Mark Unno (religious studies)
		Religion and thought in premodern China	Ina Asim (history)
Classics	MA	Classical civilization, ancient philosophy and religions in or related to ancient Greece and Rome	Jeffrey M. Hurwit (art history), Mary K. Jaeger (classics), Steven Shankman (English), Malcolm Wilson (classics)
Folklore	MA		Carol T. Silverman (anthropology), Daniel N. Wojcik (English)
History	MA, PhD	Reformation	David M. Luebke
History of Art and Architecture	MA, PhD	Buddhist art	Charles H. Lachman
		Japanese art	Akiko Walley

Faculty

Faten Arfaoui, instructor (Arabic). BA, 2006, Ibn Charaf; MA, 2010, 2012, Texas Tech. (2014)

Judith R. Baskin, Philip H. Knight Professor of Humanities. See **Judaic Studies**.

Frederick Colby, associate professor (Islam). BA, 1991, Haverford College; MA, 1995, Chicago; PhD, 2002, Duke. (2008)

Hanan Elsherif, instructor (Arabic). BA, 1993, MA, 2002, PhD, 2009, Minia. (2011)

Deborah A. Green, Greenberg Associate Professor of Hebrew Language and Literature. See **Judaic Studies**.

Luke Habberstad, assistant professor. BA, 2003, Yale; MA, 2007, PhD, 2014, California, Berkeley. (2014)

David Hollenberg, assistant professor (Arabic). BA, 1990, Wesleyan; MA, 1996, California, Santa Barbara; PhD, 2006, Pennsylvania. (2010)

David Reis, visiting assistant professor. BA, 1990, Santa Clara; MA, 1993, Creighton; MA, 1998, PhD, 1999, Claremont Graduate. (2007)

Andrew Riley, visiting assistant professor. See **Judaic Studies**.

Stephen J. Shoemaker, professor (history of Christianity). BA, 1991, Emory; MA, 1994, PhD, 1997, Duke. (2000)

Mark T. Unno, associate professor (East Asian religions, Buddhism). BA, 1987, Oberlin; MA, 1991, PhD, 1994, Stanford. (2000)

Emeriti

Hee-Jin Kim, professor emeritus. BA, 1957, MA, 1958, California, Berkeley; PhD, 1966, Claremont. (1973)

J. T. Sanders, professor emeritus. BA, 1956, Texas Wesleyan; MDiv, 1960, Emory; PhD, 1963, Claremont. (1969)

The date in parentheses at the end of each entry is the first year on the University of Oregon faculty.

Participating

Andrew E. Goble, history

Charles H. Lachman, history of art and architecture

Elizabeth Reis, women's and gender studies

Akiko Walley, history of art and architecture

Anita M. Weiss, international studies

Daniel N. Wojcik, English

- **Bachelor of Arts**
- **Bachelor of Science**
- **Minor**

Undergraduate Studies

A bachelor of arts (BA) and a bachelor of science (BS) are degrees offered. A minor is also offered in religious studies and Arabic studies. Courses used to satisfy major and minor requirements must be taken for letter grades and passed with a mid-C or better.

Bachelor of Arts Degree Requirements

REL101–102	World Religions	8
Electives in religious studies or additional courses		8
Upper-division religious studies courses		16
Upper-division courses (see Additional Courses list)		12
Total Credits		**44**

Additional Courses

English		
ENG 421/521	The Bible and Literature	4
Folklore		
FLR 411/511	Folklore and Religion	4
FLR 483/583	Folklore and Mythology of the British Isles	4
History		
HIST320	High Middle Ages in Europe	4
HIST321	Late Middle Ages in Europe	4
HIST322	The Crusades	4
HIST358	American Jewish History	4
HIST 441/541	16th-Century European Reformations	4
HIST 498/598	Early Japanese Culture and Society: [Topic]	4
History of Art and Architecture		
ARH387	Chinese Buddhist Art	4
ARH397	Japanese Buddhist Art	4
International Studies		
INTL 423/523	Development and the Muslim World	4
Judaic Studies		
JDST212	Medieval and Early Modern Judaism	4
JDST213	The Jewish Encounter with Modernity	4
Philosophy		
PHIL320	Philosophy of Religion	4
Sociology		
SOC 461/561	Sociology of Religion	4

Bachelor of Science Degree Requirements

REL101–102	World Religions	8
Electives in religious studies or additional courses		8
Upper-division religious studies courses		16
Upper-division courses (see Additional Courses list)		12
Total Credits		**44**

Additional Courses

English		
ENG 421/521	The Bible and Literature	4
Folklore		
FLR 411/511	Folklore and Religion	4
FLR 483/583	Folklore and Mythology of the British Isles	4
History		
HIST320	High Middle Ages in Europe	4
HIST321	Late Middle Ages in Europe	4
HIST322	The Crusades	4
HIST358	American Jewish History	4
HIST 441/541	16th-Century European Reformations	4
HIST 498/598	Early Japanese Culture and Society: [Topic]	4
History of Art and Architecture		
ARH387	Chinese Buddhist Art	4
ARH397	Japanese Buddhist Art	4
International Studies		
INTL 423/523	Development and the Muslim World	4
Judaic Studies		
JDST212	Medieval and Early Modern Judaism	4
JDST213	The Jewish Encounter with Modernity	4
Philosophy		
PHIL320	Philosophy of Religion	4
Sociology		
SOC 461/561	Sociology of Religion	4

Honors in Religious Studies

Requirements for a degree with honors in religious studies typically include the following:

1. Satisfaction of the requirements for a major
2. A cumulative grade point average of 3.80 in courses taken to satisfy the major requirements
3. Formal approval of the department

The candidate for honors shall request approval no later than the second week of fall term in the senior year. Students are strongly encouraged to meet with the undergraduate advisor before applying. Application forms are available in the department office.

A faculty committee supervises the honors thesis project. Candidates typically register for 3 credits of Research: [Topic] (REL401) for both fall and winter terms of the senior year to prepare for writing the thesis. Contingent on satisfactory progress, the candidate then enrolls for 4 credits of Thesis (REL403) spring term. A first draft of the thesis must be submitted six weeks before the end of spring term and the final draft two weeks after that.

Religious Studies Minor Requirements

REL101	World Religions: Asian Traditions	4
REL102	World Religions: Near Eastern Traditions	4
Religious studies courses		8
Upper-division religious studies courses		8
Total Credits		**24**

Arabic Studies Minor Requirements

Category I: Third-Year Arabic		
ARB301–303	Language and Culture	12
Category II: Advanced Arabic		
ARB331	Reading Classical Arabic	4
ARB431	Islamic Political Thought	4
Category III: Arabic Culture and Society		
An elective from the following list:		4
ARB199	Special Studies: [Topic]	
COLT370	Comparative Comics	
COLT461	Studies in Contemporary Theory: [Topic] (Colonialism and Postcolonial Theory)	
COLT462	Cultural Intersections: [Topic] (Orientalism)	
COLT470	Studies in Identity: [Topic] (Multiculturalism and Empire)	
GEOG209	Geography of the Middle East and North Africa	
HIST199	Special Studies: [Topic] (The Iraq War; Islamic Civilization I or II; Islam in the Modern World)	
HIST322	The Crusades	
HIST399	Special Studies: [Topic] (The Iraq War)	
INTL399	Special Studies: [Topic] (Islam and Global Forces)	
INTL407	Seminar: [Topic] (Militant Islam; Middle Eastern Politics; Development and Social Change in the Middle East)	
INTL423	Development and the Muslim World	
J467	Issues in International Communication: [Topic] (The Arab World and the Media)	
JDST340	Israelis and Palestinians	
PS399	Special Studies: [Topic] (Egypt; Politics of the Middle East)	
REL102	World Religions: Near Eastern Traditions	
REL233	Introduction to Islam	
REL324–325	History of Eastern Christianity	
REL335	Introduction to the Qur'an	
REL432	Islamic Mysticism: [Topic]	
REL435	Advanced Study of the Qur'an: [Topic]	
TA472	Multicultural Theater: [Topic] (Arab American Theater)	
Total Credits		**24**

Modified Requirements for Students with Prior Literacy in Arabic

Students who already have skills that satisfy the equivalent of the ARB 301–303 third-year sequence—whether from native proficiency, study abroad, or courses from another university—may choose to test out of one or more of these courses by passing a proficiency examination, administered by the UO Testing Center, designed to demonstrate basic literacy in Arabic. If students wish to transfer their third-year Arabic courses from other universities or from overseas study, they may do so contingent on the successful completion of an examination at the appropriate level, to ensure proper placement.

Students who pass the proficiency exam must still complete 24 credits for the minor in Arabic studies, including at least 12 from among Category II courses and up to 12 from among Category III electives.

Courses

ARB101. First-Year Arabic. 5 Credits.
Introduction to Arabic with emphasis on speaking, reading, writing, and comprehension. Sequence with ARB 102, 103.

ARB102. First-Year Arabic. 5 Credits.
Introduction to Arabic with emphasis on speaking, reading, writing, and comprehension. Sequence with ARB 101, 103.
Prereq: ARB 101.

ARB103. First-Year Arabic. 5 Credits.
Introduction to Arabic with emphasis on speaking, reading, writing and comprehension. Sequence: ARB 101, 102
Prereq: ARB 102

ARB199. Special Studies: [Topic]. 1-10 Credits.
Repeatable.

ARB201. Second-Year Arabic. 5 Credits.
Development of Arabic speaking, reading, writing and comprehension; study of short literary and cultural materials. Sequence: ARB 202, 203.
Prereq: ARB 103 or equivalent.

ARB202. Second-Year Arabic. 5 Credits.
Development of Arabic speaking, reading, writing, and comprehension; study of short literary and cultural materials. Sequence with ARB 201, 203.
Prereq: ARB 201 or equivalent.

ARB203. Second-Year Arabic. 5 Credits.
Development of Arabic speaking, reading, writing, and comprehension; study of short literary and cultural materials. Sequence with ARB 201, 202.
Prereq: ARB 202 or equivalent.

ARB253. Introduction to Arabic Culture. 4 Credits.
A survey of the linguistic, geographic, social, cultural, religious, political, and artistic aspects of the contemporary Arab world.

ARB301. Language and Culture. 4 Credits.
Provides third-year-level Arabic proficiency and substantially adds to the vocabulary base. Activates and augments grammar structures of modern spoken Arabic, colloquial Egyptian Arabic, and the study of Arabic culture. Sequence: ARB 302, 303.
Prereq: ARB 203.

ARB302. Language and Culture. 4 Credits.
Provides third-year-level Arabic proficiency and substantially adds to the vocabulary base. Activates and augments grammar structures of modern spoken Arabic, colloquial Egyptian Arabic, and the study of Arabic culture. Sequence: ARB 301, 303.
Prereq: ARB 301.

ARB303. Language and Culture. 4 Credits.
Provides third-year-level Arabic proficiency and substantially adds to the vocabulary base. Activates and augments grammar structures of modern spoken Arabic, colloquial Egyptian Arabic, and the study of Arabic culture. Sequence: ARB 301, 302.
Prereq: ARB 302.

ARB331. Reading Classical Arabic. 4 Credits.
Improves students' abilities to work with classical Arabic texts; serves as a gateway to other classical Arabic text courses.
Prereq: ARB 202 or equivalent.

ARB353. Arab Cinema. 4 Credits.
Introduction to Arab cinema and culture through an examination of the development of cinema in Arabic-speaking countries. Offered alternate years.

ARB399. Special Studies: [Topic]. 1-5 Credits.
Repeatable.

ARB405. Reading and Conference: [Topic]. 1-5 Credits.
Repeatable.

ARB407. Seminar: [Topic]. 1-5 Credits.
Repeatable.

ARB409. Practicum: [Topic]. 1-5 Credits.
Repeatable.

ARB410. Experimental Course: [Topic]. 1-5 Credits.
Repeatable.

ARB431. Islamic Political Thought. 4 Credits.
Students improve skills at translating and analyzing Arabic texts while learning Islamic theories of governance. Close reading of primary sources from the 7th to 21st centuries.
Prereq: ARB 203.

ARB507. Seminar: [Topic]. 1-5 Credits.
Repeatable.

ARB510. Experimental Course: [Topic]. 1-5 Credits.
Repeatable.

ARB531. Islamic Political Thought. 4 Credits.
Students improve skills at translating and analyzing Arabic texts while learning Islamic theories of governance. Close reading of primary sources from the 7th to 21st centuries.

ARB605. Reading and Conference: [Topic]. 1-5 Credits.
Repeatable.

Courses

REL101. World Religions: Asian Traditions. 4 Credits.
Introduction to related religious traditions of Asia, including Hinduism, Buddhism, Daoism, Confucianism and Shinto. Readings in sacred texts and scholarlary literature. Lecture, discussion.

REL102. World Religions: Near Eastern Traditions. 4 Credits.
Introduction to the Abrahamic religions of Judaism, Christianity, Islam and to related traditions such as the Zoroastrian, Manichaean, Mandean, Baha'i. Lecture, discussion.

REL199. Special Studies: [Topic]. 1-5 Credits.
Repeatable.

REL211. Early Judaism. 4 Credits.
Development of the Jewish religion from its earliest existence until the Christian era.

REL222. Introduction to the Bible I. 4 Credits.
Content and organization of the Hebrew scriptures (Old Testament); examination of scholarly methods and research tools used in biblical studies.

REL223. Introduction to the Bible II. 4 Credits.
Examination of the written traditions of early Christianity with an emphasis on the New Testament.

REL233. Introduction to Islam. 4 Credits.
Islamic religious tradition, beginnings to present. Pre-Islamic Arabia, Prophet Muhammed, pillars of Islam, ethics and piety, Sunni-Shiite divide, reform and renewal movements.

REL253. Religion, Love, and Death. 4 Credits.
Examines the interplay of themes of religion, love, and death in Asian and Western literature and media.

REL302. Chinese Religions. 4 Credits.
Prehistoric roots of Chinese religion, Confucius and his followers, philosophical Taoism, Han Confucianism, religious Taoism, Chinese Buddhism, Neo-Confucianism, religion in China today.

REL303. Japanese Religions. 4 Credits.
Early Shinto and its developments, Japanese Buddhism, transformation of Taoism and Confucianism, medieval Shinto, religion in the Tokugawa period, Nationalistic Shinto, folk religion, new religions.

REL304. Religions of India. 4 Credits.
An introduction to the major religious traditions of the Indian subcontinent: Hinduism and Buddhism, and more briefly Sikhism and Jainism.

REL305. Hinduism: Myth and Tradition. 4 Credits.
A survey of Hinduism, examining its complex system of doctrines, myths, rituals and spiritual practices, and its historical development. Offered alternate years.

REL317. Jesus and the Gospels. 4 Credits.
Considers early evidence for Jesus, including canonical and noncanonical gospels, in light of critical scholarship and historical reconstructions.

REL318. Women in Judaism. 4 Credits.
Women and their roles in Judaism; emphasis on early modern and contemporary eras. Texts read include historical, literary, and theoretical documents.

REL321. History of Christianity. 4 Credits.
Course of Christian history in East and West; relations between spirituality, doctrine, and institutional forms. Covers the ancient period, from the Apostolic Fathers to the Islamic conquests (90–650).

REL322. History of Christianity. 4 Credits.
Course of Christian history in East and West; relations between spirituality, doctrine, and institutional forms. Covers medieval Western Christianity, from the Germanic invasions to the Reformation (400–1500).

REL323. History of Christianity. 4 Credits.
Course of Christian history in East and West; relations between spirituality, doctrine, and institutional forms. Covers modern Western Christianity, from the Reformation to the present (1500 to the present).

REL324. History of Eastern Christianity. 4 Credits.
Byzantine Christianity from the founding of the Christian Roman Empire to the Fall of Constantinople in the 15th century.

REL325. History of Eastern Christianity. 4 Credits.
The Eastern churches from the 15th century to the present.

REL335. Introduction to the Qur'an. 4 Credits.
An introduction to the nature of the Qur'an and the various ways it has been interpreted throughout history by both Muslims and non-Muslims.

REL353. Dark Self, East and West. 4 Credits.
Comparative examination of selfhood in Eastern and Western religious thought and cultural contexts. Focus on dark side or problematic dimensions of Buddhist, Christian, Daoist, Jewish, and other thought.

REL355. Mysticism. 4 Credits.
The experiential or mystical dimensions of the three major Abrahamic faiths. Exploration of the original writings of men and women from each spiritual tradition.

REL399. Special Studies: [Topic]. 1-5 Credits.
Repeatable.

REL401. Research: [Topic]. 1-4 Credits.
Repeatable.

REL403. Thesis. 1-4 Credits.
Repeatable.

REL405. Reading and Conference: [Topic]. 1-4 Credits.
Repeatable.

REL407. Seminar: [Topic]. 1-4 Credits.
Repeatable.

REL408. Colloquium: [Topic]. 1-4 Credits.
Repeatable.

REL409. Supervised Tutoring. 1-4 Credits.
Repeatable.

REL410. Experimental Course: [Topic]. 1-4 Credits.
Repeatable.

REL412. Dead Sea Scrolls: [Topic]. 4 Credits.
Exploration of the Dead Sea Scrolls literature. Focus on either biblical texts and the development of the Hebrew Bible or nonbiblical texts and sectarian Judaism. Repeatable once when topic changes for a maximum of 8 credits.
Prereq: REL 211.

REL414. Biblical Book: [Topic]. 4 Credits.
Close reading of one or more books of the Judeo-Christian Bible in literary, historical, and cultural contexts; history of interpretation; and critical scholarship. Repeatable twice when topic changes for a maximum of 12 credits.

REL418. Martyrdom. 4 Credits.
Exploration of themes of sacrifice and martyrdom in ancient and medieval literatures of the Abrahamic traditions. Comparative approach to development of concepts within and across religious boundaries.

REL420. Jewish and Christian Spiritual Autobiographies. 4 Credits.
Explores autobiographies written by Christians and Jews from late antiquity to the present. Emphasis on history of western spirituality and focus on Jewish and Christian religious commonalities and differences.

REL424. Early and Medieval Christian Heresy. 4 Credits.
Survey of various heretical beliefs from early medieval Christian history; examines alternative visions of Christian truth, and the formation from heterodoxy of orthodoxy.

REL426. Sex and Gender in Early Christianity. 4 Credits.
Study of how and why certain early Christians sought, successfully, to normalize certain interrelated cultural constructions of gender, the body, and sexuality.

REL432. Islamic Mysticism: [Topic]. 4 Credits.
Inner dimensions of Islamic piety and righteousness, from the Koranic and prophetic foundations to principal thinkers in the medieval Arabic and Persian Sufi traditions. Repeatable twice for a maximum of 12 credits.

REL435. Advanced Study of the Qur'an: [Topic]. 4 Credits.
Close reading of a section of the Qur'an in terms of its literary, historical, and cultural contexts, history of interpretation, and critical scholarship. Sequence with REL 335. Repeatable once for a maximum of 8 credits when topic changes.

REL440. Readings in Buddhist Scriptures. 4 Credits.
Readings in representative scriptures in English translation. Selection based on their import in development of Indian Buddhist philosophy and their impact on evolution of East Asian forms of Buddhism.

REL444. Medieval Japanese Buddhism. 4 Credits.
Medieval Japanese Buddhism of the 12th and 13th centuries. Examination of religious thought and cultural history including Zen and Pure Land.

REL507. Seminar: [Topic]. 1-4 Credits.
Repeatable.

REL508. Colloquium: [Topic]. 1-4 Credits.
Repeatable.

REL510. Experimental Course: [Topic]. 1-4 Credits.
Repeatable.

REL512. Dead Sea Scrolls: [Topic]. 4 Credits.
Exploration of the Dead Sea Scrolls literature. Focus on either biblical texts and the development of the Hebrew Bible or nonbiblical texts and sectarian Judaism. Repeatable once when topic changes for a maximum of 8 credits.

REL514. Biblical Book: [Topic]. 4 Credits.
Close reading of one or more books of the Judeo-Christian Bible in literary, historical, and cultural contexts; history of interpretation; and critical scholarship. Repeatable twice when topic changes for a maximum of 12 credits.

REL518. Martyrdom. 4 Credits.
Exploration of themes of sacrifice and martyrdom in ancient and medieval literatures of the Abrahamic traditions. Comparative approach to development of concepts within and across religious boundaries.

REL520. Jewish and Christian Spiritual Autobiographies. 4 Credits.
Explores autobiographies written by Christians and Jews from late antiquity to the present. Emphasis on history of western spirituality and focus on Jewish and Christian religious commonalities and differences.

REL524. Early and Medieval Christian Heresy. 4 Credits.
Survey of various heretical beliefs from early medieval Christian history; examines alternative visions of Christian Truth, and the formation from heterodoxy of orthodoxy.

REL526. Sex and Gender in Early Christianity. 4 Credits.
Study of how and why certain early Christians sought, successfully, to normalize certain interrelated cultural constructions of gender, the body, and sexuality.

REL532. Islamic Mysticism: [Topic]. 4 Credits.
Inner dimensions of Islamic piety and righteousness, from the Koranic and prophetic foundations to principal thinkers in the medieval Arabic and Persian Sufi traditions. Repeatable twice for a maximum of 12 credits.

REL535. Advanced Study of the Qur'an: [Topic]. 4 Credits.
Close reading of a section of the Qur'an in terms of its literary, historical, and cultural contexts, history of interpretation, and critical scholarship. Repeatable once for a maximum of 8 credits when topic changes.

REL540. Readings in Buddhist Scriptures. 4 Credits.
Readings in representative scriptures in English translation. Selection based on their import in development of Indian Buddhist philosophy and their impact on evolution of East Asian forms of Buddhism.

REL544. Medieval Japanese Buddhism. 4 Credits.
Medieval Japanese Buddhism of the 12th and 13th centuries. Examination of religious thought and cultural history including Zen and Pure Land.

REL605. Reading and Conference: [Topic]. 1-16 Credits.
Repeatable.

REL608. Colloquium: [Topic]. 1-16 Credits.
Repeatable.

REL609. Supervised Tutoring. 1-16 Credits.
Repeatable.

Romance Languages

Amalia Gladhart, Department Head
541-346-4021
541-346-4030 fax
102 Friendly Hall
1233 University of Oregon
Eugene, Oregon 97403-1233

The Department of Romance Languages offers an extensive range of courses and degree programs, from instruction in beginning languages through the study of the literatures and cultures of French-, Italian-, Portuguese-, and Spanish-speaking countries. Students can earn a bachelor of arts (BA) degree in French, Italian, Spanish, or Romance languages; the master of arts (MA) is also available in these areas. The doctor of philosophy (PhD), awarded in Romance languages, encompasses a primary language and literature and a supporting area. Romance languages is a liberal-arts major, providing a valuable background for students interested in graduate work, teaching, and a wide array of other professional and international careers that require strong analytical and communication skills.

Preparation

The department recommends the following preparation for study leading to a major in any of the Romance languages:

1. As much work as possible in the student's major language. Knowledge of a second Romance language is helpful but not required
2. Knowledge of the history, geography, and politics of the areas where the student's major language is spoken
3. Communication skills, speech, and essay writing that help the student convey ideas logically. In literature and film courses, papers or essay examinations are generally required
4. Experience in literary and cultural studies and linguistics

Careers

Students who graduate with a bachelor of arts degree in Romance languages typically enter a variety of occupations. Language teaching is an obvious possibility. Proficiency in a second language and knowledge of other cultures enhances study and career opportunities in other areas as well. Romance languages majors, especially those who have a second major in another discipline (e.g., art history, business administration, economics, family and human services, history, international studies, journalism, music, or political science) find positions in communications media, government foreign service, international business and law, libraries, social service organizations, and travel and tourist-related agencies, among others.

Faculty

Faculty members in the Department of Romance Languages actively participate in other UO interdisciplinary programs and departments (e.g., African studies, cinema studies, comparative literature, European studies, Latin American studies, linguistics, medieval studies, and women's and gender studies). For descriptions, see those sections of this catalog.

Scholarships

The department administers scholarships for undergraduate and graduate students of Romance languages:

- The Leona M. Kail Scholarship supports studies in the Department of Romance Languages
- The Perry J. Powers Scholarship is awarded annually to an outstanding Romance languages student
- The Charles Stickles Endowment Scholarship is awarded for study in a Spanish-speaking country
- The Emmanuel Hatzantonis Scholarship is awarded every year to a Romance languages major or minor who is studying in Italy with the university's overseas study program
- The Helen Fe Jones Spanish Student Fellowship supports study abroad in a Spanish-speaking country
- The Françoise Calin scholarship is awarded every year to a French major or minor
- The James T. and Mary Alice Wetzel Graduate Scholarship is awarded every year to an outstanding graduate student in the Department of Romance Languages
- The Beall Graduate Dissertation Scholarship is awarded to doctoral students to support dissertation writing

More information may be obtained from the department office in early January or on the department website, rl.uoregon.edu/scholarships.

Faculty

Alexandre Albert-Galtier, associate professor (17th-century French theater, art, and literature). Licence, 1981, DEA, 1983, PhD, 1988, Lyon II. (1994)

Barbara K. Altmann, professor (Old and Middle French literature and language, codicology, gender studies). BA, 1978, Alberta; MA, 1982, PhD, 1988, Toronto. On leave 2015–16. (1989)

Olga M. Avalos, senior instructor (Spanish). BA, 1974, JD, 1975, Lima. (2002)

Mayra Bottaro, assistant professor (18th- and 19th-century Spanish American literature and culture, transatlantic studies, print and material culture). Licenciatura, 2000, Salvador; PhD, 2013, California, Berkeley. (2012)

Nadia Ceccacci, senior instructor II (Italian); supervisor-coordinator, first- and second-year Italian programs. Corso di laurea in Lingue e Letterature Straniere, 1981, Università degli Studi di Perugia; MA, 1986, Oregon. (1989)

Amy Costales, senior instructor I (Spanish). BA, 1993, State University of New York, Cortland; MA, 2009, Oregon. (2007)

Lillian Darwin Lopez, senior instructor (Spanish). BA, 2001, MA, 2007, Oregon. (2007)

Simone Da Silva, instructorI (Portuguese); supervisor-coordinator, Portuguese program. BA, 1997, Rio de Janeiro State; MA, 2002, Illinois, Urbana-Champaign. (2012)

Robert L. Davis, professor (methodology and pedagogy, Spanish and Romance linguistics). BA, 1983, Southern Mississippi; MA, 1987, PhD, 1991, North Carolina, Chapel Hill. (1991)

Laurie deGonzalez, senior instructor II; supervisor-co-coordinator, first-year Spanish program. BA, 1979, Antioch; MA, 1987, Monterey Institute of International Studies. (1993)

Juanita Devereaux, senior instructor (Spanish). BA, 1999, MA, 2001, Oregon. (2001)

Connie Dickey, instructor (French); supervisor-coordinator, first-year French program. BA, 1979, Portland; MA, 1981, Seattle; PhD, 1991, California, Berkeley. (2014)

André Djiffack, associate professor (Francophone literatures, 20th-century French literature, colonial and postcolonial studies). BA, 1987, Maîtrise, 1988, Doctorat de 3e Cycle, 1992, Yaoundé; PhD, 1998, Cape Town. (2000)

Paula Ellister, senior instructor II; supervisor–co-coordinator, first-year Spanish program. BA, 1992, MA, 1994, Oregon. (1994)

Cecilia Enjuto Rangel, associate professor (Spanish and Latin American poetry, transatlantic studies, gender and literary theory). BA, 1998, Universidad de Puerto Rico; MA, 2002, PhD, 2005, Yale. (2005)

Pedro García-Caro, associate professor (19th- and 20th-century literatures of the Americas, postcolonial studies, literary theory). Licenciatura, 1995, Murcia; BA, 1996, Roehampton; MA, 1997, PhD, 2004, University College, London. (2006)

Leonardo García-Pabón, professor (colonial Latin American literature, contemporary Latin American poetry, literary theory). BS, 1980, Universidad Mayor de San Andrés; MA, 1981, Université Catholique de Louvain; PhD, 1990, Minnesota, Twin Cities. (1990)

Amalia Gladhart, professor (20th-century Latin American literature, theater, feminist studies). BA, 1989, Michigan State; PhD, 1995, Cornell. (1995)

Evlyn Gould, College of Arts and Sciences Distinguished Professor (19th-century French literature and culture, European studies, literature and the other arts). BA, 1975, California, Irvine; MA, 1977, PhD, 1983, California, Berkeley. (1983)

Gina Herrmann, associate professor (contemporary Spanish literature, politics and culture, autobiographical studies, gender studies). BA, 1990, Cornell; MA, 1993, Columbia; PhD, 1998, Cornell. (2002)

Nathalie Hester, associate professor (French and Italian Renaissance and baroque literature and culture, travel literature). BA, 1992; MA 1993; PhD, 2001, Chicago. (2001)

Claudia Holguin, assistant professor (Spanish, sociolinguistics, language variation). BA, 1998, Texas, El Paso; MA, 2004, New Mexico State; PhD, 2011, Illinois, Urbana-Champaign. (2011)

Harinder Kaur Khalsa, senior instructor II (Italian). BA, 1991, Istanbul; MA, 1996 and 1998, Oregon. (1999)

Mónica Lara, senior instructor II (Spanish). BA, 1982, MA, 1992, Oregon. (1992)

Kelley León Howarth, senior instructor II (Spanish); cohead, undergraduate advising. BA, 1995, Wisconsin, Eau Claire; MA, 2002, Oregon. (2002)

Massimo Lollini, Emmanuel S. Hatzantonis Distinguished Fellow in Italian Language and Culture; professor (baroque and modern Italian literature, comparative modern literature). Laurea, 1978, Bologna; PhD, 1992, Yale. (1992)

Karen McPherson, professor (Francophone literatures, modern French novel, feminist theory). BA, 1970, Oregon; MA, 1983, PhD, 1987, Yale. (1998)

Leah Middlebrook, associate professor (early modern Spanish and French literature and culture, lyric poetry, comparative literature). See **Comparative Literature**.

Lanie Millar, assistant professor (20th and 21st century Caribbean and Latin American literature, Luso-African literature, global south studies). BA, 2002, Baylor; MA, 2003, Middlebury College; PhD, 2011, Texas, Austin. (2013)

Bryan J. Moore, senior instructor I (Spanish). BA, 1987, MA, 1990, Oregon. (1990)

Fabienne Moore, Sheri K. Coleman and Margaret E. Guitteau Professor in the Humanities; associate professor (French Enlightenment, prose poetry, contemporary France). License, 1987, Toulouse–Le Mirail; PhD, 2001, New York University. (2000)

Rosario Murcia, senior instructor II; supervisor-coordinator, second-year Spanish program. BA, 1984, Alicante; MA, 1988, Oregon. (1988)

Amanda W. Powell, senior lecturer II; coordinator, third-year Spanish surveys. BA, 1977, Yale; MA, 1983, Boston University. (1991)

F. Regina Psaki, Giustina Family Professor of Italian Language and Literature (medieval and Renaissance Italian literature, comparative medieval literature). BA, 1980, Dickinson; MA, 1986, PhD, 1989, Cornell. (1989)

Heather Quarles, senior instructor I (Spanish). BA, 2000, MA, 2003, Oregon. (2001)

Sergio Rigoletto, assistant professor (European cinema, popular culture, gender studies). Laurea, 2002, Catania; MA, 2004, Birkbeck, London; PhD, 2010, Reading. (2012)

Andrew Rothgery, senior instructor II (Spanish). BA 1991, MA, 1994, Oregon. (1994)

Maria Benedita Santos, instructor (Portuguese). BA, 1974,Federal University of Maranhão;MA, 2007, Oregon. (2012)

Jésus Sepúlveda, senior instructor I (Spanish). BA, 1995,Universidad Metropolitana de Ciencias de la Educación; MA, 1997, PhD, 2003, Oregon. (2008)

Analisa Taylor, associate professor (Mexican literary and social history). BA, 1992, Oregon; MA, 1996, PhD, 2002, Duke. (2002)

Claudia Ventura, instructor (Italian). Laurea, 1995, Bologna; MA, 2006, Ca' Foscari, Venice. (2005)

David Wacks, professor (medieval Iberian literature and culture, Sephardic studies). BA, 1991, Columbia; MA, 1997, Boston College; PhD, 2003, California, Berkeley. (2003)

Nathan Whalen, senior instructor II (Spanish). BA, 1999, MA, 2001, Oregon. (2001)

Melanie Williams, senior instructor (French); cohead, undergraduate advising. BA, 1992, MA, 1996, Oregon. (1996)

Gloria Zabala, senior instructor II (Spanish). BA, 1983, MA, 1989, Oregon. (1989)

Alex Zunterstein, senior instructor II (Spanish). BA, 2000, MA, 2002, Oregon. (2002)

Emeriti

Randi M. Brox, professor emerita. Cand. Philol., 1960, Oslo; PhD, 1965, Illinois. (1965)

Françoise G. Calin, professor emerita. Licence, 1963, Diplôme d'Études Supérieures, 1964, CAPES, 1966, Sorbonne; PhD, 1972, Stanford. (1973)

David J. Curland, senior instructor emeritus. BA, 1950, California, Los Angeles; MA, 1963, Oregon. (1966)

Richard H. Desroches, associate professor emeritus. BA, 1947, Clark; PhD, 1962, Yale. (1957)

Juan A. Epple, professor emeritus. Licenciate, 1971, Chile; MA, 1977, PhD, 1980, Harvard. (1980)

Sylvia Giustina, senior instructor emerita. BA, 1956, Marylhurst; MA, 1966, Oregon. (1968)

Elisabeth A. Marlow, associate professor emerita. Diplôme, 1953, Hautes Études Commerciales, Paris; MA, 1958, PhD, 1966, Oregon. (1958)

Barbara D. May, associate professor emerita. BA, 1972, MA, 1973, PhD, 1975, Utah. (1976)

Steven Rendall, professor emeritus. BA, 1961, Colorado; PhD, 1967, Johns Hopkins. (1967)

Wolfgang F. Sohlich, associate professor emeritus. BA, 1959, Johns Hopkins; MA, 1970, PhD, 1971, Emory. (1970)

Luis Verano, senior instructor emeritus. BA, 1971, Portland State; MA, 1974, PhD, 1982, Oregon. (1983)

The date in parentheses at the end of each entry is the first year on the University of Oregon faculty.

- **Bachelor of Arts: French**
- **Bachelor of Arts: Italian**
- **Bachelor of Arts: Spanish** (p. 357)
- **Bachelor of Arts: Romance Languages**
- **Minor: French**
- **Minor: Italian**
- **Minor: Spanish**

Undergraduate Studies

Programs leading to undergraduate degrees are offered in French, Italian, Spanish, and Romance languages (a major that combines advanced study in two languages). Students concentrate on the languages, literatures, and cultures of the Romance world, both modern and historical. They work on understanding, speaking, reading, and writing the modern language; they also focus on the historical roots of these languages and cultures, and on their writings—fiction, poetry, film, theater, criticism, and nonfiction.

To get exposure to the cultures of the countries where Romance languages are spoken, students are urged to study abroad. Visit studyabroad.uoregon.edu for more information.

Students who intend to pursue graduate work in Romance languages are advised to begin a second Romance language early in their studies. Courses in English and other literatures are also recommended. A goal of the department is to give students a thorough view of the cultures of the countries where Romance languages are spoken.

Major Requirements

Students are urged to consult their faculty advisors regularly to create balanced programs and avoid mistakes in course selection.

French, Italian, or Spanish

Courses for the major must be taught in the target language and address the target culture; readings in courses taken for the major must be in the target language. Internship credits, always taken pass/no pass, do not apply toward major or minor requirements. Courses must be passed with grades of C– or better beyond the second-year language sequence.

Bachelor of Arts: French

FR301	Culture et langage: la France contemporaine	4
FR302	Culture et langage: Le monde francophone contemporain	4
Select three of the following:		12
FR312	French Survey: Francophone Literature	
FR317	French Survey: Medieval and Renaissance	
FR318	French Survey: Baroque and Enlightenment	
FR319	French Survey: 19th and 20th Centuries	
FR416	Advanced Writing in French	4
orFR425	French-English Translation	
330-level or higher French literature, film, or translation courses [1]		12
Upper-division French electives taught in French [2]		12
Total Credits		**48**

1. Taught in residence on the Eugene campus. At least 8 credits must be at the 400 level.
2. Courses must be upper-division, taught in French and address the cultures of the French-speaking world (e.g. courses in literature, language, culture, film, etc.)

Bachelor of Arts: Italian

ITAL301	Cultura e lingua: l'Italia contemporanea	4
ITAL303	Cultura e lingua: societa, economia, politica	4
ITAL307	Oral Skills ((twice) or another 300-level language course)	4
ITAL317–319	Italian Survey	12
Italian literature courses beyond the surveys. [1]		12

Upper-division Italian electives taught in Italian [2]	12
Total Credits	**48**

1. Taught in residence on the Eugene campus. At least 8 credits must be at the 400 level.
2. Courses must be upper-division, taught in Italian and address the cultures of the Italian-speaking world (e.g. courses in literature, language, culture, film, etc.)

Bachelor of Arts: Spanish

Select two of the following:		8
SPAN301	Cultura y Lengua: Identidades Hispanas	
SPAN303	Cultura y lengua: expresiones artisticas	
SPAN305	Cultura y lengua: cambios sociales	
SPAN308	Cultura y lengua: comunidades bilingues	
SPAN311	Advanced Writing in Spanish	4
orSPAN312	Spanish in the Media	
Select three of the following:		12
SPAN341	Hispanic Cultures through Literature I	
SPAN342	Hispanic Cultures through Literature II	
SPAN343	Hispanic Cultures through Literature III	
SPAN344	Hispanic Cultures through Literature IV	
348-level or higher Spanish literature, linguistics, film, translation courses [1]		12
Upper-division Spanish electives taught in Spanish [2]		12
Total Credits		**48**

1. Taught in residence on the Eugene campus. At least 8 credits must be at the 400 level.
2. Courses must be upper-division, taught in Spanish and address the cultures of the Spanish-speaking world (e.g. courses in literature, linguistics, language, culture, film, etc.)

Romance Languages

Romance languages majors must complete a minimum of 12 credits in literature, film, translation, and/or linguistics courses on the Eugene campus. At least 8 credits of these 12 must be in courses numbered 407 or higher.

Bachelor of Arts: Romance Languages

First Romance Language		
Language courses		12
Literature survey sequence for French, Italian, or Spanish:		12
Three of the following in French:		
FR312	French Survey: Francophone Literature	
FR317	French Survey: Medieval and Renaissance	
FR318	French Survey: Baroque and Enlightenment	
FR319	French Survey: 19th and 20th Centuries	
Three of the following in Italian:		
ITAL317–319	Italian Survey	
Three of the following in Spanish:		
SPAN341	Hispanic Cultures through Literature I	
SPAN342	Hispanic Cultures through Literature II	
SPAN343	Hispanic Cultures through Literature III	
SPAN344	Hispanic Cultures through Literature IV	
Additional literature, film, linguistics, or translation courses		8
Second Romance Language		
Language courses		8
Courses in literature, film, linguistics, or translation		8
Total Credits		**48**

Departmental Honors

Approval for graduation with honors is granted to any student who meets one of the following requirements:

1. Maintains at least a 4.00 grade point average (GPA) in all upper-division department course work and at least a 3.50 GPA overall, ***or***
2. Maintains at least a 3.75 GPA in all upper-division department course work and at least a 3.50 GPA overall, and submits an honors thesis written under the guidance of a Romance languages faculty thesis advisor. The thesis adviser determines whether the thesis is acceptable and may require the student to register for up to 6 pass/no pass (P/N) credits in Thesis (FR, ITAL, SPAN 403)

If a student wishes to apply for honors by submitting an honors thesis, the application for graduation with honors must be submitted by the end of the term that immediately precedes the term of graduation. If a student is planning on graduating in the spring term, they must apply for graduation through their departmental advisor during the winter term.

Transfer credits and overseas-study work used to fulfill major graduation requirements are typically included in determining the major GPA.

Minor Requirements

Students may earn a minor in French, Italian, or Spanish. Courses taken for the minor must be passed with grades of C– or better and must be in the target language and address the target culture. Further details are available on the department website.

Minor in French

Upper-division language courses	12
Upper-division courses in literature, linguistics, translation, or film [1]	12
Upper-division electives taught in French [2]	4
Total Credits	**28**

1. Must be taught on the Eugene campus.
2. Courses must be upper-division, taught in French and address the cultures of the French-speaking world (e.g. courses in literature, linguistics, language, culture, film, etc.)

Minor in Italian

Upper-division language courses	12
Upper-division courses in literature, linguistics, translation, or film [1]	12
Upper-division electives taught in Italian [2]	4
Total Credits	**28**

1 Must be taught on the Eugene campus.

2 Courses must be upper-division, taught in Italian and address the cultures of the Italian-speaking world (e.g. courses in literature, linguistics, language, culture, film, etc.)

Minor in Spanish

Upper-division language courses	12
Upper-division courses in literature, linguistics, translation, or film [1]	12
Upper-division electives taught in Spanish [2]	4
Total Credits	**28**

1 Must be taught on the Eugene campus.

2 Courses must be upper-division, taught in Spanish and address the cultures of the Spanish-speaking world (e.g. courses in literature, linguistics, language, culture, film, etc.)

Study Abroad

One of the best ways to learn a language and its culture is the experience of immersion in it. The Department of Romance Languages strongly encourages students to participate in one of the numerousstudy-abroadprograms that the UO offers through the Office of International Affairs (https://international.uoregon.edu).

The department sponsors programs for the study of French, Italian, Portuguese, and Spanish languages and cultures. Students live, study, and travel in Europe, Africa, and the Americas, in countries such as Argentina, Bolivia, Brazil, Ecuador, France, Italy, Mexico, Morocco, Peru, Senegal, and Spain. Cosponsoring programs include IE_3 Global, the Council on International Educational Exchange, the School for International Training, and the National Student Exchange.

To ensure success in goals of language and cultural study, majors and minors in the department need to identify the program that best fits their academic requirements, financial situation, and personal interests. The list of programs posted on the department website is recommended based on their outstanding academic, linguistic, and cultural opportunities and strong on-site support.

Before traveling abroad, students should consult their assigned major or minor advisor about the selection of a program and the courses to be taken within that program.

Tips for Selecting a Study-Abroad Program

- Choose a program that offers a maximum of immersion (e.g., living with host families or local students, course work entirely in the target language, direct university enrollment opportunities)
- Longer programs offer you more opportunity to acclimate to the language, to be more fully immersed in the local culture, and to form meaningful relationships with people from the host country
- Courses in which the readings and lectures are in English **do not** count toward majors or minors in the Department of Romance Languages or the UO bachelor of arts second-language requirement
- Students in all UO overseas study programs enroll in courses with subject codes that are unique to individual programs. Special course numbers are reserved for overseas study. Advisors can help students determine course equivalencies to maximize the credits applied to requirements for the degree
- The department offers scholarships to help students with travel expenses for language learning and research projects. For more information, visit the scholarships page (http://rl.uoregon.edu/scholarships).

For additional information and to obtain applications for specific programs, contact the Office of International Affairs at (541) 346-3206. For questions on applying study-abroad credit to majors or minors, students should visit their assigned departmental advisor.

Cultural Ambassador Program in Spain

The Ministry of Education of Spain offers more than 1,200 openings for U.S. and Canadian language and culture assistants (termed “cultural ambassadors”). The positions are offered in Spain’s equivalent of the K–12 school system of public education.

Teaching Assistant Program in France

This program is coordinated by the French Embassy in Washington, D.C., and offers 1,500 positions for native English speakers with a demonstrated knowledge of French to teach and its overseas department in France, to assist French teachers with English courses for a period of six to nine months, or both. The positions are offered in middle schools and high schools (*primaire, collèges*, and *lycées*). This is an excellent opportunity for graduating seniors with interest in education and experience abroad. It is open to United States citizens or permanent residents under twenty-nine years of age with a demonstrated knowledge of French—not just majors or minors. The Department of Romance Languages does not administer the program, but simply offers guidance to interested students, and gives information and advice on the application process and on the program itself.

For more information, visit the website (http://www.frenchculture.org/spip.php?rubrique424&tout=ok).

Kindergarten through Secondary School Teaching Careers

Students who complete a degree with a major in French, Spanish, or Romance languages are eligible to apply for the College of Education’s fifth-year licensure program in middle-secondary teaching. Students may also apply to the fifth-year licensure program to become an elementary teacher. More information is available from the department’s education advisor, Robert Davis; see also the **College of Education** section of this catalog.

- **Master of Arts: French** (p. 359)
- **Master of Arts: Italian**
- **Master of Arts: Spanish** (p. 360)
- **Master of Arts: Romance Languages**
- **Doctor of Philosophy**

Graduate Studies

The Department of Romance Languages offers programs of study leading to the degree of master of arts (MA) in Romance languages, French, Italian, or Spanish and to the degree of doctor of philosophy (PhD) in Romance languages.

The master’s degree program provides solid grounding and broad coverage in the literatures and cultures of each of the language areas.

The PhD program allows students to focus on a specific literary and/or cultural field of interest.

Students follow these degree programs in an intellectually stimulating and supportive environment, characterized by close personal supervision, interdisciplinary approaches to literary and cultural studies, and professional training in both research methods and foreign-language pedagogy.

The university's library resources for research in French, Italian, and Spanish support the department's graduate programs; in some fields they are outstanding. The library's holdings of learned periodicals are extensive.

Admission

An applicant for admission to the master of arts (MA) program should have completed an undergraduate major in a Romance language and literature or its equivalent (e.g., licence, laurea, licenciatura). Students with a degree in another discipline may apply, provided they have a good knowledge of at least one Romance language and are familiar with one Romance literature.

An applicant for admission to the PhD program should have completed a master of arts degree in a Romance language and literature or its equivalent. Students should have at least a reading knowledge of a second Romance language upon entering the PhD program.

Admission Procedure

Applications may be made online at rl.uoregon.edu//graduate/admissions. Applicants are required to

- upload transcripts
- submit a 750-word statement of purpose describing academic experience, the reasons for wanting to do graduate work in the Department of Romance Languages, and eventual career goals. Students applying to the PhD program are encouraged to specify research interests
- submit three letters of recommendation from faculty members who can directly comment on the applicant's language competence and aptitude for graduate studies in literature. One letter may refer to potential teaching ability

International students must demonstrate proficiency in English to the Graduate School and the Department of Romance Languages by one of the following three methods:

1. Submit an acceptable score from the Test of English as a Foreign Language (TOEFL) examination, currently offered in paper-based (written) or Internet-based formats. A minimum score of 575 on the paper-based test or 88 on the Internet-based test is required. More information on Graduate School admission requirements may be found at gradschool.uoregon.edu/academic-programs?page=gradProgramInfo
2. Submit an acceptable score from the International English Language Testing System (IELTS) examination. The minimum IELTS (academic module) overall band score for graduate admission is 7.0
3. Submit degree transcripts proving that you have received a bachelor's degree or higher from an accredited U.S. institution or from an institution in the following countries: Australia, Canada (excluding Quebec), Ireland, New Zealand, or the United Kingdom

If applying to the PhD program, submit a substantial writing sample (e.g., master's thesis graduate seminar paper or master's-level research paper on a relevant topic).

In addition to the application, send all official transcripts showing college-level work as of the date of application to the department's graduate secretary at the following address:
University of Oregon
Department of Romance Languages
1233 University of Oregon
Eugene, Oregon 97403-1233

Priority is given to applicants whose files are complete by January 6. The department's graduate admissions committee reviews the completed file and notifies each applicant of its decision. New students are typically admitted to the program for fall term.

Graduate Teaching Fellowships

Graduate Teaching Fellowships are available each year for new graduate students in the department. Students should apply to the department by January 6 for fall admission and appointment priority. In exceptional cases, these fellowships may be supplemented by academic scholarships and awards.

Students who hold a graduate teaching fellow (GTF) appointment are required to register and complete a minimum of 9 graduate credits during each quarter of their appointment, all of which must apply toward their degree programs. GTF support to complete the master's degree program is two years.

Master of Arts Program

Students entering the MA program may specialize in French, Italian, or Spanish, or combine two of these fields for a major in Romance languages. The master of arts program consists of course work, written examinations, and a research project. The program is designed to be completed in two years.

To help students navigate requirements, a faculty advisor is assigned by the department during fall term of the first year. Students may change advisors later if they wish.

Degree Requirements

All courses must be taken on a graded basis. Course work must be completed with grades of B– or better, and a grade point average (GPA) of 3.00 or better must be maintained.

A student whose knowledge of the language or languages is found to be deficient must take remedial work—an advanced writing class, additional study abroad, or some form of language immersion.

Master of Arts: French

RL608	Workshop: [Topic] [1]	2-4
RL620	Graduate Study in Romance Languages [2]	2-4
RL623	Romance Languages Colloquium: [Topic] [3]	2-4
RL607	Seminar: [Topic] [3]	2
Two graduate-level courses in medieval and Renaissance literature		8
Two graduate-level courses in 17th–18th centuries literature		8
Two graduate-level courses in literature from 1830 to 1945		8

Two graduate-level courses in literature from 1945 to the present	8
French language courses	12
Research project	
Total Credits	**52-58**

1 Taken fall term of first year.

2 Taken winter term of first year.

3 Taken in preparation for second-year fall forum.

Master of Arts: Italian

RL608	Workshop: [Topic] [1]	2-4
RL620	Graduate Study in Romance Languages [2]	2-4
RL623	Romance Languages Colloquium: [Topic] [3]	2-4
RL607	Seminar: [Topic] [3]	2
Two graduate-level courses in medieval literature		8
Two graduate-level courses in Renaissance literature		8
Two graduate-level courses in 17th–19th century literature		8
Two graduate-level courses in literature from 20th century to the present		8
Italian language courses		12
Research project		
Total Credits		**52-58**

1 Taken fall term of first year.

2 Taken winter term of first year.

3 Taken in preparation for second-year fall forum.

Master of Arts: Spanish

RL608	Workshop: [Topic] [1]	2-4
RL620	Graduate Study in Romance Languages [2]	2-4
RL623	Romance Languages Colloquium: [Topic] [3]	2-4
RL607	Seminar: [Topic] [3]	2
Two graduate-level courses in literature from 11th century to 1605		8
Two graduate-level courses in literature from 1605 to 1810		8
Two graduate-level courses in literature from 1810 to 1939		8
Two graduate-level courses in literature from 1939 to the present		8
Spanish language courses		12
Research project		
Total Credits		**52-58**

1 Taken fall term of first year.

2 Taken winter term of first year.

3 Taken in preparation for second-year fall forum.

Master of Arts: Romance Language

RL608	Workshop: [Topic] [1]	2-4
RL620	Graduate Study in Romance Languages [2]	2-4
RL623	Romance Languages Colloquium: [Topic] [3]	2-4
RL607	Seminar: [Topic] [3]	2
Graduate-level course in each literary period in major language (see Literary Periods list)		16
Graduate-level course in each of two periods in major language		8
Graduate-level course in each literary period in minor language		16
Research project		
Total Credits		**48-54**

Literary Periods

- French
  - medieval and Renaissance
  - 17th–18th centuries
  - 1830–1945
  - 1945–present
- Italian
  - medieval
  - Renaissance
  - 17th–19th centuries
  - 20th century–present
- Spanish
  - 11th century–1605
  - 1605–1810
  - 1810–1939
  - 1939–present

Master of Arts Research Project

The degree requires a research project (either a master's essay or a pedagogy portfolio) that allows a student to expand his or her expertise in literary and cultural studies or in teaching language, literature, and culture. A faculty member oversees the development of the final product and evaluates it. The student must identify a faculty member willing to serve as director and secure his or her signature of approval for the project by the ninth week of spring term of the first year.

The research project should be between 6,000 and 9,000 words. In consultation with the research project director, the student chooses whether to write the project in a Romance language or in English.

Research projects are approved by the director and are referred to the student's MA examination committee (see below) for remediation if the work is found to be deficient or in need of revision. The director submits a final copy of the approved essay or portfolio to the department office by the last day of classes in spring term of the second year.

Essay in Literary and Cultural Studies

This essay allows students to widen their knowledge in one or more Romance languages, literatures, and cultures. In addition, the essay permits students to focus in greater depth on writing formal academic prose, presenting an interpretation, constructing an argument, documenting sources and references, and honing persuasive strategies. At the end of the first year of study, the student chooses one of the seminar papers that he or she submitted during the first three terms of course work. During the summer session immediately following, the student expands and polishes the paper.

Students who plan to apply for the PhD program in Romance languages at the University of Oregon must complete an essay in literary and cultural studies.

MA Pedagogy Portfolio in Teaching Language, Literature, and Culture

This project allows students to explore in depth specific issues of teaching a Romance language, its literature and cultures. The portfolio is designed in consultation with the director and serves to demonstrate the student's professional expertise. The portfolio may include the following documents: a coherent collection of teaching materials supported by a theoretical rationale; a description, personal assessment, and third-party evaluation of an internship experience (e.g., a participatory learning experience at the UO); a formal "philosophy of teaching" statement; documentation of participation in a professional conference; and other components as recommended by the director.

Students who plan to apply for the doctoral program in Romance languages at the University of Oregon must complete a master of arts essay in literary and cultural studies.

Examinations

The master of arts examination comprises two four-hour exams taken in the seventh week of spring term in the second year.

For students studying for the MA in French, Italian, or Spanish, the first exam consists of one specific question in each of the four literary periods. The second exam consists of a detailed analysis of a short text in two parts: a close reading of the text and a consideration of the text in its social, historical, cultural, and/or literary contexts. The student, in consultation with the examination committee, chooses in which of the four periods this second exam is done.

The exams for the Romance languages MA are similar to those for French, Italian and Spanish. However, in the first exam students are asked to draw on examples from both their major and minor literatures in their answer to at least one of the questions. They are encouraged (but not required) to refer to both literatures in their answers to the other three short questions.

The graduate secretary informs the students and the examination committee members of the scheduled exam date.

Examination Committee

By the sixth week of fall term in the second year, students submit to their advisors and to the director of graduate studies an MA Examination Committee form with the names of faculty members suggested to cover other examination periods and signed by the committee chair.

By the end of the tenth week of fall term in the second year, students submit a preliminary examination reading list of literary works on which to be examined to the members of their exam committees and to the director of graduate studies.

Examination Reading List

Students construct a reading list, drawn up in consultation with the exam committee, using the departmental reading list and the syllabuses and bibliographies of the seminars they have taken, as well as the summer reading done in preparation for the fall forum.

For students studying for the MA in French, Italian, or Spanish, the reading list consists of at least ten items in each of the four periods, drawn up in consultation with the exam committee. Of the ten works in each period, at least five must be chosen from the departmental reading list. The other works can be suggested by the student, based on his or her own interests and readings.

For students studying for the MA in Romance languages, the reading list consists of at least twelve items in each of the four periods: eight in the major language and four in the minor. Of the eight works in the major language, at least four must be chosen from the departmental reading list; all texts in the minor language must be chosen from the departmental reading list.

The examination reading list also contains two additional secondary readings (usually literary histories or general literary surveys) that cover the four periods, also drawn from the departmental reading list.

The final version of the examination reading list must be approved and signed by the student's exam committee and filed with the graduate secretary by the end of winter term of the second year. Students are responsible for distributing the approved reading list to the MA committee members as soon as the list is approved.

Examination Questions

In all fields, one of the two exams must be answered in the candidate's major language; the other can be written in the major language or in English. Choice of language is to be determined in consultation with the committee chair.

The four members of the MA exam committee work together to prepare the questions for the candidate. The exam committee chair is responsible for collecting questions from the committee members and submitting them to the graduate secretary. On the first exam, the candidate answers four questions, choosing between two questions in each of four periods. On the second exam, the candidate chooses between two possible selections for the close reading analysis. The four members read and grade both exams and come to an agreement on the final grade to be submitted for each exam. The committee chair moderates this discussion, submits the grades to the graduate secretary, and communicates the results to the candidate. The student passes when the average grade for each exam is satisfactory (*low pass, pass* or *high pass*).

The master's examination is a closed book exam and therefore without footnotes or a bibliography. The exam must be typed using a twelve-point font, double-spaced.

Students who fail the master of arts examination in whole or in part will be allowed to take it over (in whole or in part) once. They are encouraged to do so during the course of the following term (usually the summer session) and no later than six months after failing. If they fail again, they are disqualified.

Research: [Topic] (FR601), Research: [Topic] (ITAL601), or Research: [Topic] (SPAN601) and Practicum: [Topic] (FR609), Practicum: [Topic] (ITAL609), or Practicum: [Topic] (SPAN609). Students who hold a GTF appointment may register for 2 credits of Practicum or one credit of Research in order to complete the nine credits per term required by the Graduate School (two graduate courses constitute 8 credits). During the first quarter of their first year, students holding a GTF appointment use Practicum to develop their teaching skills in practical application. Students not holding a GTF appointment are encouraged to take a third course (for a total of 12 credits) or 1 credit of Research to work on an independent research project.

Reading and Conference: [Topic] (FR605), Reading and Conference: [Topic] (ITAL605), or Reading and Conference: [Topic] (SPAN605).

Students may request to do a Reading and Conference course to address a specific problem on which no course currently exists. Before the end of the term preceding the Reading and Conference course, the student prepares a project proposal and submits it to the faculty member with whom he or she wants to work. The project proposal should include a statement of the problem the student wants to explore and a tentative reading list of primary and secondary sources. Only one 4-credit Reading and Conference course may be used to satisfy requirements for the MA degree.

Reading and Conference: [Topic] (RL605). The purpose of this required independent reading course is to motivate students to begin reading during the summer following their first year in the MA program in preparation for the exams that will take place in the spring term of their second year.

During the spring term of the first year of the MA program, students present to their advisors a reading list of eight to ten works to be studied during the summer. The books must belong to no more than two of the periods defined by the MA program, and five of the books must be taken from the departmental reading list. At least one of the texts should be a literary history or a similar text about the period.This approved list (signed by the faculty advisor) will be submitted to the director of graduate studies before the end of the spring term.

In fall term, students will register for a 2-credit, graded Reading and Conference course with the director of graduate studies as the instructor of record.

In the third week of the fall term of the second year, students present the findings of their summer study in a public forum. This one-day forum is organized as a professional meeting, with a chair for each session, a discussion following the presentations, and refreshments. Two or three faculty members are present during these presentations, as well as all MA students.

Presentations are fifteen minutes long and delivered in English. Presentations focus on the main themes that students have explored in their readings. Students should be able to discuss both literary techniques and historical context of the period selected, providing examples from the books they have read. Plot summaries should be avoided.

At the end of the presentations, the faculty members meet to evaluate the presentations. On satisfactory completion of this exercise, students receive 2 graded credits for the course. If the faculty members find that a presentation was deficient, they recommend that the student do supervised reading with the faculty specialist in the period before being assigned a grade and receiving course credit.

Incompletes

Incompletes are strongly discouraged. However, students who find it necessary to ask for an incomplete are urged to complete their incompletes as rapidly as possible. Agreements for obtaining and completing incompletes must be filed with the department. Graduate students must convert a graduate course incomplete into a passing grade within one calendar year of the assignment of the incomplete. Any student who has more than 5 credits of incompletes is making unsatisfactory progress toward the degree.

Doctor of Philosophy

The PhD program in Romance languages is designed to provide

- a thorough familiarity with several fields (e.g., a movement, a genre, a period, or a literary problem)
- the opportunity to situate the student's special interests in the wider context of Romance languages and literatures as well as in the context of trends inside and outside Western European culture
- the tools necessary to engage literary issues at a high level
- the ability to examine new and challenging literary or theoretical perspectives

Students who enter the PhD program with no knowledge of a second Romance language are required to start learning one as soon as possible during their graduate studies.

The PhD program has five components: course work, comprehensive examination, dissertation prospectus, original dissertation, and final oral defense.

Course Work

The PhD degree requires a total of 84 graduate-level credits—32 credits in addition to the 52 required for the master's degree. Course work applied to the degree must be taken for letter grades, and a grade point average (GPA) of 3.00 or better must be maintained.

Students must complete at least 21 graduate seminars in the department (at least 84 credits in all) beyond the bachelor's degree. PhD students must thus take at least 8 graduate courses (32 credits) beyond the 13 courses (52 credits) required for the master's. Only one of these 8 courses (4 credits) may be satisfied in the form of a Reading and Conference course (Reading and Conference: [Topic] (FR605), Reading and Conference: [Topic] (ITAL605), or Reading and Conference: [Topic] (SPAN605)).

Of the twenty-one courses (84 credits), three (12 credits) must be taken in a second Romance language.

As many as three of the twenty-one courses (12 of the 84 credits) may be taken outside the department, with the authorization of the advisor, and provided that the courses bear directly on the student's program of study.

Doctoral students are also strongly encouraged to take Romance Languages Colloquium: [Topic] (RL623) for at least two credits. Colloquium may either be taken as a 2-credit pass/no pass course (in which case it does not count toward the 52 credits required for the degree) or as a 4-credit graded course.

Students with an MA in French, Italian, Spanish, or Romance languages from the University of Oregon may count a maximum of two graduate courses completed during the MA program toward PhD course requirements, provided that these courses were not used to fulfill MA requirements.

Graduate students with an MA in French, Italian, Spanish, or Romance languages from another institution must take a minimum of 40 credits in the Department of Romance Languages. The department's graduate committee evaluates previous graduate course work and determines whether additional work is necessary to fill any gaps in a student's preparation. This may result in a student having to take more than 40 credits at the University of Oregon—up to a maximum of 68 credits. If the candidate is found to be seriously deficient or if the master's degree is in a field other than Romance languages, the graduate committee may admit the student into the master's program. In this case, the student may submit a petition to the committee to transfer a maximum of three courses toward the twelve courses required for the MA This petition may

be submitted after the student has completed four graduate-level courses with grades of mid-B or better in the Romance languages master's program.

Comprehensive Examination

Students entering the PhD program should develop, as soon as possible but no later than the third term of course work beyond the master's degree, a field of interest that forms the basis of their research for the PhD comprehensive examination and ideally for the dissertation. This field of interest usually emerges from the selected courses and shapes the areas of concentration represented on the comprehensive examination.

The comprehensive examination consists of two written examinations and an oral examination. Each written examination covers a subfield that pertains to the student's field of interest. The subfields should be defined and prepared with three members of the Romance languages faculty who constitute the PhD examination committee. One of these faculty members should represent the student's second Romance language. A fourth member may be added from another department. In consultation with the members of the examination committee, the student creates a reading list for each of the subfields.The reading list must be approved by the examination committee no later than four weeks before the date of the exam. Student are responsible for distributing the reading list to the committee members of the examination committee as soon as the list is approved.

The written examinations take the form of two essays that respond to questions formulated by members of the PhD examination committee. Each written examination covers one of the subfields and is a maximum of twenty double-spaced, typed pages in length. The student has two weeks to write each of the two essays.

Two weeks after the successful completion of the written essays, the student takes an oral examination. The oral examination attempts to integrate the subfields addressed in the written examinations with the other facets of the student's declared field of interest. In a two-hour conversation, the candidate and the committee members examine and elaborate on ways in which the written essays help to define a project within the student's field of interest.

Typically undertaken during the fifth term of study following the master's degree, the comprehensive examination should result in clarification of the dissertation's subject matter and possible approaches to it. The exam should, in other words, yield at least a tentative dissertation topic.

A student who fails the PhD examination in whole or in part will be allowed to take it over (in whole or in part) once. The student is encouraged to do so no later than six months after failing. A second failure results in disqualification.

It is the student's responsibility to schedule both the written and oral portions of the comprehensive examination.

With the successful completion of the PhD comprehensive exam, the student will advance to candidacy and begin preparing the dissertation prospectus.

Dissertation Prospectus

The prospectus, typically completed during the sixth term of study following the master's degree, defines the scope of the dissertation and demonstrates the originality of the project. It consists of an eight- to ten-page description of the proposed dissertation project and a substantial research bibliography of primary and secondary material.

Students are responsible for putting together a dissertation committee, which typically consists of four members: one director and two readers from the Department of Romance Languages, and one reader from another department. A student may also choose to have two codirectors in the Department of Romance Languages (plus two further members of the department).

When the student has a solid draft of the prospectus, she or he schedules a meeting with the dissertation committee members for a presentation and discussion of the prospectus. Following this conversation, the student will make final revisions to the prospectus. Once the committee has given its final approval, the student submits the prospectus to the department for filing.

Students are reminded that they must have a dissertation committee in place and proper documents filed with the Graduate School six months before the dissertation defense.

Any student making significant changes to the dissertation project after the final approval of the prospectus must schedule a meeting with the dissertation committee before proceeding.

Dissertation

The dissertation constitutes an original and valuable contribution to scholarship in the student's field of interest. It should be characterized by mature literary interpretation, informed and reasoned argument, and an awareness of the means and goals of research.

It is the student's responsibility to ascertain the rules and deadlines of the Graduate School for proper filing of the dissertation. Students are strongly encouraged to familiarize themselves with the stringent formatting and structure guidelines for the dissertation provided by the Graduate School (available online).

A final copy of the dissertation must be distributed to the dissertation committee for final approval at least three weeks before the dissertation defense.

Final Oral Defense

When all members of the dissertation committee has approved the dissertation, a final public oral presentation and defense of the work is held.

Funding

All post-MA work, including the dissertation, is typically completed in four to five years of study. PhD students making satisfactory progress toward the degree are eligible for funding packages in the form of Graduate Teaching Fellowships. These fellowships include stipends for teaching, as well as tuition waivers. Satisfactory progress entails completing all courses taken for credit with a grade of mid-B or better; passing the PhD comprehensive examination; timely submission of an acceptable dissertation prospectus; and regular and timely progress on the dissertation itself.

Courses

FR101. First-Year French. 5 Credits.
Introduction to French stressing the development of listening, speaking, reading, and writing skills through a communicative approach. Sequence. Conducted in French.

FR102. First-Year French. 5 Credits.
Introduction to French stressing the development of listening, speaking, reading, and writing skills through a communicative approach. Sequence. Conducted in French.
Prereq: FR 101.

FR103. First-Year French. 5 Credits.
Introduction to French stressing the development of listening, speaking, reading, and writing skills through a communicative approach. Sequence. Conducted in French.
Prereq: FR 102.

FR111. Intensive Beginning French. 5 Credits.
Intensive study for experienced language learners; introduction to French culture. Sequence. Cannot be combined with FR 101, 102, 103 for more than 15 credits of first-year French.
Prereq: previous study of French or competence in another Romance language.

FR112. Intensive Beginning French. 5 Credits.
Intensive study for experienced language learners; introduction to French culture. Cannot be combined with FR 101, 102, 103 for more than 15 credits of first-year French.
Prereq: FR 111.

FR150. Cultural Legacies of France. 4 Credits.
French civilization in France and beyond. Possible topics are the Francophone world; premodern, early modern, and modern France; French film, architecture, and painting. Conducted in English.

FR199. Special Studies: [Topic]. 1-5 Credits.
Repeatable.

FR201. Second-Year French. 4 Credits.
Development of reading, writing, and speaking skills; study of short literary and cultural texts; considerable attention paid to oral use of the language. Sequence.
Prereq: first-year language competence.

FR202. Second-Year French. 4 Credits.
Development of reading, writing, and speaking skills; study of short literary and cultural texts; considerable attention paid to oral use of the language. Sequence.
Prereq: FR 201.

FR203. Second-Year French. 4 Credits.
Development of reading, writing, and speaking skills; study of short literary and cultural texts; considerable attention paid to oral use of the language. Sequence.
Prereq: FR 202.

FR301. Culture et langage: la France contemporaine. 4 Credits.
Training in language and culture of modern France using newspapers, short stories, poetry and film. Vocabulary enrichment activities. Conducted in French.
Prereq: FR 203.

FR302. Culture et langage: Le monde francophone contemporain. 4 Credits.
Training in language and cultures of the French-speaking world using literary texts, websites, videos. Grammar review and vocabulary enrichment.
Prereq: FR 203.

FR307. Oral Skills. 2 Credits.
Repeatable. Practice in improving oral, comprehension, and listening skills in French. Communicative activities in class in addition to language laboratory work. Repeatable once for maximum of 4 credits.
Prereq: FR 203 or equivalent.

FR312. French Survey: Francophone Literature. 4 Credits.
Introduction to major authors and texts of the French-speaking world outside of France.
Prereq: FR 301 or FR 302.

FR317. French Survey: Medieval and Renaissance. 4 Credits.
Introduction to major themes and ideas in French literature from the medieval and Renaissance periods through the reading of representative texts.
Prereq: FR 301 or 303.

FR318. French Survey: Baroque and Enlightenment. 4 Credits.
Introduction to major themes and ideas in French literature from the 17th and 18th centuries through the reading of representative texts.
Prereq: FR 301 or 303.

FR319. French Survey: 19th and 20th Centuries. 4 Credits.
Representative literary works from the 19th and 20th centuries with attention to literary analysis and literary history.
Prereq: FR 301 or 303.

FR320. Intensive French Grammar Review. 4 Credits.
Promotes linguistic competency in French through intensive review and refinement of French grammar while introducing basic vocabulary and linguistic concepts.
Prereq: FR 203.

FR330. French Poetry. 4 Credits.
Poems from the Middle Ages to the 20th century, literary movements, introduction to textual analysis and modern critical approaches.
Prereq: FR 301, 303.

FR331. French Theater. 4 Credits.
Explores important aspects of French theater. Reading plays from different periods. Emphasizes formal aspects and critical reading.
Prereq: FR 301, 303.

FR333. French Narrative. 4 Credits.
Covers important aspects of French narrative. Reading texts from different periods. Emphasis on formal aspects and critical reading.
Prereq: FR 301, 303.

FR342. French Literature in Translation: [Topic]. 4 Credits.
In-depth examination of French aesthetic and intellectual movements through the reading in translation and discussion of theoretical texts and creative fiction. Conducted in English. No major or minor credit. Repeatable when topic changes.

FR361. French Cinema for Nonmajors. 4 Credits.
An introduction to the major movements of French cinema for nonmajors. No prior knowledge of film studies or French culture required. Taught in English.

FR362. French Film. 4 Credits.
Focuses on the differences between American culture and French and Francophone cultures. Addresses a sensitive issue exemplified by the attitude of the international movie industry.
Prereq: FR 301 and 303

FR372. French-Speaking Communities of the Americas. 4 Credits.
Introduction to the history, language, and culture of French-speaking communities located in the Americas, in particular the United States. Offered alternate years.
Prereq: FR 301, FR 303.

FR399. Special Studies: [Topic]. 1-5 Credits.
Repeatable.
Prereq: FR 301, 303.

FR403. Thesis. 3-6 Credits.
Repeatable.

FR405. Reading and Conference: [Topic]. 1-6 Credits.
Repeatable.

FR407. Seminar: [Topic]. 1-6 Credits.
Repeatable. Recent topics include French Novel and World War II, Writers and Painters, Medievalism, Francophone Caribbean, Gide and Sartre.
Prereq: Two survey courses from FR 317, 318, or 319

FR408. Workshop: [Topic]. 1-12 Credits.
Repeatable.

FR409. Practicum: [Topic]. 1-4 Credits.
Repeatable.

FR410. Experimental Course: [Topic]. 1-4 Credits.
Repeatable.

FR416. Advanced Writing in French. 4 Credits.
Extended written production; writing for specific purposes and audiences. Advanced grammar review and composition; study of specialized vocabulary.
Prereq: FR 301, 303.

FR425. French-English Translation. 4 Credits.
Offers an overview of translation theory and practice from English to French and French to English.
Prereq: FR 301, 303.

FR450. 17th-Century Literature: [Topic]. 4 Credits.
Changing topics concerning trends or particular authors representative of 17th-century French literature. Repeatable when topic changes.
Prereq: FR 317, 318, 319.

FR451. Baroque Theater: [Topic]. 4 Credits.
Intensive study of representative plays by Moliere, Racine, or Corneille with emphasis on modern criticism. Repeatable when topic changes for maximum of 16 credits.
Prereq: FR 317, 318, 319.

FR460. 18th-Century Literature: [Topic]. 4 Credits.
Changing topics concerning trends or particular authors representative of 18th-century French literature. A recent topic is Being Modern in the 18th century. Repeatable when topic changes.
Prereq: FR 317, 318, 319.

FR480. 19th-Century Literature: [Topic]. 4 Credits.
Changing topics concerning trends or particular authors representative of 19th-century French literature. Repeatable when topic changes.
Prereq: FR 317, 318, and 319.

FR490. 20th-Century Literature: [Topic]. 4 Credits.
Changing topics concerning trends or particular authors representative of 20th-century French literature. Recent topics include African Identities, The French Novel in 2000, Postcolonial Africa. Repeatable when topic changes.
Prereq: FR 317, 318, and 319.

FR492. Francophone Studies: [Topic]. 4 Credits.
Study of literary works representative of the Francophone world. Topics may include Francophone African Literature, Quebec Literature, Writing the Haitian Revolution. Repeatable five times for a maximum of 24 credits.
Prereq: three from FR 312, FR 317, FR 318, FR 319.

FR497. Francophone Women's Writing. 4 Credits.
Developments in literature by women from areas such as Maghreb, the Caribbean, Sub-Saharan Africa, Quebec, the Indian Ocean, and Europe.
Prereq: FR 317, 318, and 319.

FR507. Seminar: [Topic]. 1-6 Credits.
Repeatable. Recent topics include French Novel and World War II, Writers and Painters, Medievalism, Francophone Caribbean, Gide and Sartre.

FR508. Workshop: [Topic]. 1-12 Credits.
Repeatable.

FR510. Experimental Course: [Topic]. 1-4 Credits.
Repeatable.

FR550. 17th-Century Literature: [Topic]. 4 Credits.
Changing topics concerning trends or particular authors representative of 17th-century French literature. Repeatable when topic changes.

FR551. Baroque Theater: [Topic]. 4 Credits.
Intensive study of representative plays by Moliere, Racine, or Corneille with emphasis on modern criticism. Repeatable when topic changes for maximum of 16 credits.

FR560. 18th-Century Literature: [Topic]. 4 Credits.
Changing topics concerning trends or particular authors representative of 18th-century French literature. A recent topic is Being Modern in the 18th century. Repeatable when topic changes.

FR580. 19th-Century Literature: [Topic]. 4 Credits.
Changing topics concerning trends or particular authors representative of 19th-century French literature. Repeatable when topic changes.

FR590. 20th-Century Literature: [Topic]. 4 Credits.
Changing topics concerning trends or particular authors representative of 20th-century French literature. Recent topics include African Identities, The French Novel in 2000, Postcolonial Africa. Repeatable when topic changes.

FR592. Francophone Studies: [Topic]. 4 Credits.
Study of literary works representative of the Francophone world. Topics may include Francophone African Literature, Quebec Literature, Writing the Haitian Revolution. Repeatable five times for a maximum of 24 credits.

FR597. Francophone Women's Writing. 4 Credits.
Developments in literature by women from areas such as Maghreb, the Caribbean, Sub-Saharan Africa, Quebec, the Indian Ocean, and Europe.

FR601. Research: [Topic]. 1-6 Credits.
Repeatable.

FR605. Reading and Conference: [Topic]. 1-6 Credits.
Repeatable.

FR607. Seminar: [Topic]. 1-6 Credits.
Repeatable.

FR609. Practicum: [Topic]. 1-4 Credits.
Repeatable.

Courses

ITAL101. First-Year Italian. 5 Credits.
Introduction to Italian stressing speaking, reading, writing, and comprehension skills. Sequence.

ITAL102. First-Year Italian. 5 Credits.
Introduction to Italian stressing speaking, reading, writing, and comprehension skills. Sequence.
Prereq: ITAL 101.

ITAL103. First-Year Italian. 5 Credits.
Introduction to Italian stressing speaking, reading, writing, and comprehension skills. Sequence.
Prereq: ITAL 102.

ITAL104. Intensive First-Year Italian. 5 Credits.
Covers in two terms the work of ITAL 101, 102, 103. Sequence. Cannot be taken in any combination with ITAL 101, 102, 103 to total more than 15 credits of first-year Italian.

ITAL105. Intensive First-Year Italian. 5 Credits.
Covers in two terms the work of ITAL 101, 102, 103. Sequence. Cannot be taken in any combination with ITAL 101, 102, 103 to total more than 15 credits of first-year Italian.
Prereq: ITAL 104.

ITAL150. Cultural Legacies of Italy. 4 Credits.
Italy's contributions to world cultures includes topics such as modern Italian life, Italians in America, Italian cinema and its influence, the Italian Renaissance, Roman art, opera. Conducted in English.

ITAL152. Desire and Resistance: Italian Cinema. 4 Credits.
The theories and works of the major Italian filmmakers; topics in Italian history and culture; introduction to film analysis.

ITAL199. Special Studies: [Topic]. 1-5 Credits.
Repeatable.

ITAL201. Second-Year Italian. 4 Credits.
Review of grammar, reading of short literary and cultural texts, development of speaking and writing skills. Sequence. Conducted in Italian.
Prereq: first year language competence.

ITAL202. Second-Year Italian. 4 Credits.
Review of grammar, reading of short literary and cultural texts, development of speaking and writing skills. Sequence. Conducted in Italian.
Prereq: ITAL 201.

ITAL203. Second-Year Italian. 4 Credits.
Review of grammar, reading of short literary and cultural texts, development of speaking and writing skills. Sequence. Conducted in Italian.
Prereq: ITAL 202.

ITAL301. Cultura e lingua: l'Italia contemporanea. 4 Credits.
Analysis of Italian history and society since the unification of Italy through the readings of a short novel. Vocabulary enrichment activities and grammar review.
Prereq: ITAL 203.

ITAL303. Cultura e lingua: societa, economia, politica. 4 Credits.
Analysis of Italian society, its economy and politics from 1950 to present. Readings of short stories and magazine articles, viewing of films. Vocabulary enrichment activities and grammar review.
Prereq: ITAL 203.

ITAL305. Cultura e lingua: arte, musica, i mass media. 4 Credits.
Artistic expressions over time and the influence of the mass media on the social structures and language.
Prereq: ITAL 203.

ITAL307. Oral Skills. 2 Credits.
Practice in improving listening, comprehension, and oral skills in Italian. Communicative activities in class in addition to language laboratory work. Repeatable twice for maximum of 6 credits.
Prereq: ITAL 203 or equivalent.

ITAL317. Italian Survey: Medieval and Renaissance. 4 Credits.
Introduction to major themes and ideas in Italian literature and art from the medieval and Renaissance periods. Conducted in Italian.
Prereq: ITAL 203.

ITAL318. Italian Survey: Baroque and Enlightenment. 4 Credits.
Introduction to major themes and ideas in Italian literature from the baroque and Enlightenment periods through the reading of representative texts. Conducted in Italian.
Prereq: ITAL 203.

ITAL319. Italian Survey: 19th and 20th Centuries. 4 Credits.
Representative literary works from the 19th and 20th centuries with attention to literary analysis and literary history. Conducted in Italian.
Prereq: ITAL 203.

ITAL320. Intensive Italian Grammar Review. 4 Credits.
Bridges second- and third-year culture and literature courses. Provides review, synthesis, consolidation, and elaboration of linguistic knowledge gained from lower-division courses.
Prereq: ITAL 203.

ITAL341. Dante in Translation. 4 Credits.
The entire "Divine Comedy" read in English. Focuses on specific medieval components, relevance for modern readers, effects and process of translation. Conducted in English. No major or minor credit.

ITAL399. Special Studies: [Topic]. 1-5 Credits.
Repeatable when topic changes.

ITAL403. Thesis. 3-6 Credits.
Repeatable.

ITAL405. Reading and Conference: [Topic]. 1-6 Credits.
Repeatable.

ITAL407. Seminar: [Topic]. 1-6 Credits.
Repeatable. Recent topics include Il canzoniere, Italian Folktales, Italian Epic, Pirandello, Literary Analysis.
Prereq: one from ITAL 317, 318, 319.

ITAL408. Workshop: [Topic]. 1-12 Credits.
Repeatable. Special group activities such as production of Italian plays.

ITAL409. Practicum: [Topic]. 1-4 Credits.
Repeatable.

ITAL410. Experimental Course: [Topic]. 1-4 Credits.
Repeatable.

ITAL441. Medieval Italian Culture: [Topic]. 4-6 Credits.
Cultural productions of 13th- and 14th-century Italy (e.g., translating Dante, rewriting Boccaccio, chivalric romance) and the history of their interpretation. Conducted in Italian. Repeatable twice when topic changes for maximum of 12 credits.
Prereq: ITAL 317 or 318 or 319.

ITAL444. Medieval and Renaissance Literature: [Topic]. 4-6 Credits.
Focuses on a topic from 13th- to 16th-century Italy (e.g., medieval foundations of the Renaissance, Petrarch and Petrarchism, representations of otherness, Boccaccio and his influence). Conducted in Italian. Repeatable twice when topic changes for a maximum of 12 credits.
Prereq: ITAL 317 or 318 or 319.

ITAL449. Humanism and the Renaissance. 4 Credits.
Covers authors who exemplify learning, aesthetics, and ideology of Renaissance Italy (e.g., Ariosto, Castiglione, Colonna, Franco, Leonardo, Machiavelli, Michelangelo, Tasso). Includes essays in criticism and theory. Conducted in Italian.
Prereq: ITAL 317 or 318 or 319.

ITAL461. Vico and the Settecento. 4 Credits.
Focuses on Giambattista Vico's "New Science" and "Autobiography" in the context of the philosophical and aesthetic debates of the 18th century.
Prereq: ITAL 317 or 318 or 319.

ITAL481. 19th-Century Literature: [Topic]. 4 Credits.
Topics concerning issues or authors in 19th-century Italian literature (e.g., Irony and Novel, Leopardi and Italian Romanticism). Conducted in Italian. Repeatable when topic changes.
Prereq: ITAL 317 or 318 or 319.

ITAL491. 20th-Century Literature: [Topic]. 4 Credits.
Topics about issues or figures in 20th-century Italian literature (e.g., Modern Lyric Poetry, Postmodern Narrative). Conducted in Italian. Repeatable when topic changes.
Prereq: ITAL 317 or 318 or 319.

ITAL507. Seminar: [Topic]. 1-6 Credits.
Repeatable. Recent topics include Il canzoniere, Italian Folktales, Italian Epic, Pirandello, Literary Analysis.

ITAL508. Workshop: [Topic]. 1-12 Credits.
Special group activities such as production of Italian plays.
Prereq: ITAL 203 or equivalent.

ITAL510. Experimental Course: [Topic]. 1-4 Credits.
Repeatable.

ITAL541. Medieval Italian Culture: [Topic]. 4-6 Credits.
Cultural productions of 13th- and 14th-century Italy (e.g., translating Dante, rewriting Boccaccio, chivalric romance) and the history of their interpretation. Conducted in Italian. Repeatable twice when topic changes for maximum of 12 credits.

ITAL544. Medieval and Renaissance Literature: [Topic]. 4-6 Credits.
Focuses on a topic from 13th- to 16th-century Italy (e.g., medieval foundations of the Renaissance, Petrarch and Petrarchism, representations of otherness, Boccaccio and his influence). Conducted in Italian. Repeatable twice when topic changes for a maximum of 12 credits.

ITAL549. Humanism and the Renaissance. 4 Credits.
Covers authors who exemplify learning, aesthetics, and ideology of Renaissance Italy (e.g., Ariosto, Castiglione, Colonna, Franco, Leonardo, Machiavelli, Michelangelo, Tasso). Includes essays in criticism and theory. Conducted in Italian.
Prereq: work in literature.

ITAL561. Vico and the Settecento. 4 Credits.
Focuses on Giambattista Vico's "New Science" and "Autobiography" in the context of the philosophical and aesthetic debates of the 18th century.
Prereq: reading knowledge of Italian.

ITAL581. 19th-Century Literature: [Topic]. 4 Credits.
Topics concerning issues or authors in 19th-century Italian literature (e.g., Irony and Novel, Leopardi and Italian Romanticism). Conducted in Italian. Repeatable when topic changes.
Prereq: previous work in literature.

ITAL591. 20th-Century Literature: [Topic]. 4 Credits.
Topics about issues or figures in 20th-century Italian literature (e.g., Modern Lyric Poetry, Postmodern Narrative). Conducted in Italian. Repeatable when topic changes.
Prereq: previous work in literature.

ITAL601. Research: [Topic]. 1-6 Credits.
Repeatable.

ITAL605. Reading and Conference: [Topic]. 1-6 Credits.
Repeatable.

ITAL607. Seminar: [Topic]. 1-6 Credits.
Repeatable.

ITAL609. Practicum: [Topic]. 1-4 Credits.
Repeatable.

Courses

PORT101. First-Year Portuguese. 5 Credits.
Introduction to Brazilian Portuguese language and culture, with emphasis on speaking, reading, writing, and listening comprehension skills. Sequence with PORT 102, 103.

PORT102. First-Year Portuguese. 5 Credits.
Introduction to Brazilian Portuguese language and culture, with emphasis on speaking, reading, writing, and listening comprehension skills. Sequence with PORT 101, 103.
Prereq: PORT 101 or equivalent.

PORT103. First Year Portuguese. 5 Credits.
Introduction to Brazilian Portuguese language and culture, with emphasis on speaking, reading, writing and listening comprehension skills. Sequence with PORT 101, 102.
Prereq: PORT 102 or equivalent.

PORT111. Intensive Beginning Portuguese. 5 Credits.
PORT 111 is the first part of a two-quarter sequence (PORT 111, PORT 112) and is an accelerated introductory course, appropriate for students with a high aptitude for language learners and/or for learners who already have some proficiency in another Romance language. Cannot be combined with PORT 101, 102, 103 for more than 15 credits of first-year Portuguese.

PORT112. Intensive Beginning Portuguese. 5 Credits.
PORT 112 is the second part of a two-quarter sequence (PORT 111, PORT 112) and is an accelerated introductory course, appropriate for students with a high aptitude for language learners and/or for learners who already have some proficiency in another Romance language. Cannot be combined with PORT 101, 102, 103 for more than 15 credits of first-year Portuguese.
Prereq: PORT 111.

PORT150. Lusofonia: The Portuguese-Speaking World. 4 Credits.
Topics in the history and contemporary cultures of the regions where Portuguese is spoken (Portugal, Brazil, Africa, Asia, and North America).

PORT199. Special Studies: [Topic]. 1-5 Credits.
Repeatable.

PORT201. Second Year Portuguese. 4 Credits.
Development of Brazilian Portuguese speaking, reading, writing and comprehension; study of short literary and cultural materials. Sequence with PORT 202, 203.
Prereq: PORT 103

PORT202. Second-Year Portuguese. 4 Credits.
Development of Brazilian Portuguese speaking, reading, writing, and comprehension; study of short literary and cultural materials. Sequence with PORT 201, 203.
Prereq: PORT 201 or equivalent.

PORT203. Second-Year Portuguese. 4 Credits.
Development of Brazilian Portuguese speaking, reading, writing, and comprehension; study of short literary and cultural materials. Sequence with PORT 201, 202.
Prereq: PORT 202 or equivalent.

PORT301. Cultura e Lingua: Expressoes Artisticas. 4 Credits.
Develops advanced language skills through the study of key representations in Brazilian art, literature, film, and music. Taught in Portuguese. Prereq: PORT 203 or equivalent. Offered alternate years.
Prereq: PORT 203 or equivalent.

PORT399. Special Studies: [Topic]. 1-5 Credits.
Repeatable.

PORT405. Reading and Conference: [Topic]. 1-6 Credits.
Repeatable.

Courses

RL199. Special Studies: [Topic]. 1-5 Credits.
Repeatable.

RL399. Special Studies: [Topic]. 1-5 Credits.
Repeatable.

RL404. Bilingual Internship. 2 Credits.
Bilingual internship opportunity in area schools or community agencies for students of French or Spanish. Repeatable in another term.
Prereq: third-year language competence.

RL407. Seminar: [Topic]. 1-5 Credits.
Repeatable. Changing topics on issues relevant to study in two or more Romance languages. Recent topics include Travel Writing, Testimonial Writing, Caribbean Women Writers.
Pre-req: One 300-level literature course in any Romance language.

RL410. Experimental Course: [Topic]. 1-5 Credits.
Repeatable.

RL503. Thesis. 1-16 Credits.
Repeatable.

RL507. Seminar: [Topic]. 1-5 Credits.
Repeatable. Changing topics on issues relevant to study in two or more Romance languages. A recent topic is Travel Literature.

RL510. Experimental Course: [Topic]. 1-5 Credits.
Repeatable.

RL602. Supervised College Teaching. 1-16 Credits.
Repeatable.

RL603. Dissertation. 1-16 Credits.
Repeatable.

RL604. Bilingual Internship. 2 Credits.
A bilingual internship opportunity in area schools or community agencies for students of French or Spanish. Repeatable in another term.
Prereq: third-year language competence.

RL605. Reading and Conference: [Topic]. 1-6 Credits.
Repeatable.

RL607. Seminar: [Topic]. 1-6 Credits.
Repeatable.

RL608. Workshop: [Topic]. 2-4 Credits.
Teaching Methods offered fall term only. Other workshops may be offered. Repeatable when topic changes.

RL609. Supervised Tutoring. 1-16 Credits.
Repeatable.

RL620. Graduate Study in Romance Languages. 2-4 Credits.
Discussion of purposes, problems, and methods of graduate study in Romance languages. Elements of critical method, research techniques, scholarly writing, and professional development.

RL623. Romance Languages Colloquium: [Topic]. 2-4 Credits.
Seminar organized around a series of speakers exposes students to critical and theoretical issues central to the study of Romance languages and literatures. Repeatable for a maximum of 8 credits.

Courses

SPAN101. First-Year Spanish. 5 Credits.
Emphasis on the development of speaking, reading, and writing skills; introduction to Hispanic culture. Sequence. Conducted in Spanish.

SPAN102. First-Year Spanish. 5 Credits.
Emphasis on the development of speaking, reading, and writing skills; introduction to Hispanic culture. Sequence. Conducted in Spanish.
Prereq: SPAN 101.

SPAN103. First-Year Spanish. 5 Credits.
Emphasis on the development of speaking, reading, and writing skills; introduction to Hispanic culture. Sequence. Conducted in Spanish.
Prereq: SPAN 102.

SPAN111. Intensive Beginning Spanish. 5 Credits.
Intensive study for experienced language learners; introduction to Hispanic culture. Prereq: evidence of placement. Sequence. Conducted in Spanish. Cannot be combined with SPAN 101, 102, 103 for more than 15 credits of first-year Spanish.
Prereq: previous study in Spanish or competence in another Romance language.

SPAN112. Intensive Beginning Spanish. 5 Credits.
Intensive study for experienced language learners; introduction to Hispanic culture. Prereq: evidence of placement. Sequence. Conducted in Spanish. Cannot be combined with SPAN 101, 102, 103 for more than 15 credits of first-year Spanish.
Prereq: SPAN 111.

SPAN150. Cultures of the Spanish-Speaking World. 4 Credits.
Each term, this topics course treats a different aspect of the rich cultural heritage of the Spanish-speaking world. Check the Class Schedule extended description for the current offering. Past topics include: dialects of Spanish; Jewish; Arabic, and Christian relations in medievel Iberia; Hispanic experience in the United States. Conducted in English.

SPAN151. Spanish Cinema. 2 Credits.
Emphasizes basic oral communication and listening comprehension through weekly viewings of films in Spanish. Repeatable once for a maximum of 4 credits.

SPAN199. Special Studies: [Topic]. 1-5 Credits.
Repeatable.

SPAN201. Second-Year Spanish. 4 Credits.
Continued development of Spanish-language skills; emphasis on diversity of Hispanic cultures. Sequence. Conducted in Spanish.
Prereq: first year language competence.

SPAN202. Second-Year Spanish. 4 Credits.
Continued development of Spanish-language skills; emphasis on diversity of Hispanic cultures. Sequence. Conducted in Spanish.
Prereq: SPAN 201.

SPAN203. Second-Year Spanish. 4 Credits.
Continued development of Spanish-language skills; emphasis on diversity of Hispanic cultures. Sequence. Conducted in Spanish.
Prereq: SPAN 202.

SPAN218. Latino Heritage I. 5 Credits.
Designed for heritage learners—students who grew up with Spanish in their community and want to build communication skills in Spanish. Content focuses on personal experiences in U.S. Latino communities.Cannot be combined with SPAN 201, 202, 203 for more than 15 credits of second-year Spanish.
Prereq: placement through self-identification or placement by Spanish heritage language placement test.

SPAN228. Latino Heritage II. 5 Credits.
Designed for heritage learners—students who grew up with Spanish in their community and want to continue developing communication skills in Spanish. Content focuses on personal experiences in U.S. Latino communities. Cannot be combined with SPAN 201, 202, 203 for more than 15 credits of second-year Spanish.
Prereq: SPAN 218 or placement by Spanish heritage language placement test.

SPAN238. Spanish Around the World. 4 Credits.
Introduction to language variation (dialects) through the study of the places, peoples, history, and social differences that make the Spanish language what it is today.
Prereq: SPAN 103 or SPAN 112 or equivalent proficiency in Spanish language.

SPAN248. Spanglish. 4 Credits.
Investigates the history and social impact of language contact between English and Spanish in what is now the United States. Taught in English, Spanish, and Spanglish. Prereq: SPAN 103 or SPAN 112.
Prereq: SPAN 103 or SPAN 112

SPAN298. Temporary Group-Satisfying Course. 4 Credits.

SPAN301. Cultura y Lengua: Identidades Hispanas. 4 Credits.
Develops advanced language skills through analysis of major historical influences in the cultures of Spanish-speaking regions: Spain, Latin America, and the United States. Taught in Spanish.
Prereq: SPAN 203 or 228.

SPAN303. Cultura y lengua: expresiones artisticas. 4 Credits.
Develops advanced language skills through the study of cultural products (e.g., art, literature, film, music) in Spanish-speaking societies. Taught in Spanish.
Prereq: SPAN 203 or 228.

SPAN305. Cultura y lengua: cambios sociales. 4 Credits.
Develops advanced language skills through the investigation of major currents of change in modern Spanish-speaking societies; gender issues, technology, revolution and counter-revolution.Taught in Spanish.
Prereq: SPAN 203 or 228.

SPAN307. Oral Skills. 2 Credits.
Practice in improving listening, comprehension, and oral skills in Spanish. Communicative activities in class in addition to language laboratory work. Repeatable once when content changes for maximum of 4 credits.
Prereq: SPAN 203 or 228.

SPAN308. Cultura y lengua: comunidades bilingues. 4 Credits.
Designed for heritage learners—students who grew up with Spanish in their community and want to continue developing communication skills in Spanish. Explores socio-linguistic dynamics of communities in which Spanish is in contact with another language. Open to all students. Taught in Spanish.
Prereq: SPAN 203 or 228.

SPAN311. Advanced Writing in Spanish. 4 Credits.
This requirement for the Spanish major provides additional language development for students early on in the major, emphasizing academic writing skills in Spanish.
Prereq: two from SPAN 301, 303, 305, 308.

SPAN312. Spanish in the Media. 4 Credits.
Designed for heritage learners. Examines the role of Spanish in various forms of media such as television, Internet, and literature. Students practice advanced writing skills necessary to participate in argumentative writing and close textual readings.
Prereq: any two from SPAN 301, 303, 305 or 308; SPAN 308 is recommended.

SPAN320. Intensive Spanish Grammar Review. 4 Credits.
Review and development of the more complex aspects of Spanish grammar with special attention to idiomatic usage.
Prereq: SPAN 203 or 228.

SPAN322. Introduction to Hispanic Linguistics. 4 Credits.
Linguistic description of the Spanish language, including phonetics and phonology, morphology, syntax, history, and social and geographical variation.
Prereq: two from SPAN 301, SPAN 303, SPAN 305, SPAN 308, SPAN 311 or SPAN 312.

SPAN324. Spanish Pronunciation and Phonetics. 4 Credits.
Study of Spanish sounds, rhythms, and intonation; supervised pronunciation practice. Offered alternate years.
Prereq: one from SPAN 301, 303, 305, 308.

SPAN341. Hispanic Cultures through Literature I. 4 Credits.
Introduces students to a variety of texts written in the Hispanic world in their literary, artistic, and historical contexts, from 1100 to 1600. Series with SPAN 342, 343, 344.
Prereq: two from SPAN 301, 303, 305, 308.

SPAN342. Hispanic Cultures through Literature II. 4 Credits.
Introduces students to a variety of texts written in the Hispanic world in their literary, artistic, and historical contexts, from the 16th century to the Latin American independences. Series with SPAN 341, 343, 344.
Prereq: two from SPAN 301, 303, 305, 308.

SPAN343. Hispanic Cultures through Literature III. 4 Credits.
Introduces students to a variety of texts written in the Hispanic world in their literary, artistic, and historical contexts, from the revolutionary wars to the Spanish Civil War. Series with SPAN 341, 342, 344.
Prereq: two from SPAN 301, 303, 305, 308.

SPAN344. Hispanic Cultures through Literature IV. 4 Credits.
Introduces students to a variety of texts written in the Hispanic world in their literary, artistic, and historical contexts, from the 20th century into the 21st. Series with SPAN 341, 342, 343.
Prereq: two from SPAN 301, 303, 305, 308.

SPAN348. United States Latino Literature and Culture. 4 Credits.
Introduction to Hispanic literature written in the United States. Close reading and discussion of selected texts by Hispanic authors; emphasis on literary trends and themes.
Prereq: two from SPAN 301, 303, 305, 308.

SPAN350. Introduction to Poetry. 4 Credits.
Explores important aspects of Spanish poetry; reading poems from different periods of Spanish and Spanish American literature. Emphasizes formal aspects and critical reading.
Prereq: two from SPAN 301, 303, 305, 308.

SPAN351. Introduction to Theater. 4 Credits.
Explores important aspects of Spanish theater; reading plays from different periods of Spanish and Spanish American literature. Emphasizes formal aspects and critical reading.
Prereq: two from SPAN 301, 303, 305, 308.

SPAN353. Introduction to Narrative. 4 Credits.
Explores important aspects of Spanish narrative; reading texts from different periods of Spanish and Spanish American literature. Emphasizes formal aspects and critical reading.
Prereq: two from SPAN 301, 303, 305, 308.

SPAN399. Special Studies: [Topic]. 1-5 Credits.
Repeatable.

SPAN403. Thesis. 3-6 Credits.
Repeatable.

SPAN405. Reading and Conference: [Topic]. 1-6 Credits.
Repeatable.

SPAN407. Seminar: [Topic]. 1-6 Credits.
Repeatable. Recent topics include Golden Age Theater, Latin American Film, Medieval Iberian, Mexican Literature and Culture, 19th-Century Spanish Decadence, Postwar Spain, Testimonial Literature.
Prereq: two from SPAN 341, SPAN 342, SPAN 343, SPAN 344.

SPAN408. Workshop: [Topic]. 1-12 Credits.
Repeatable. Special on-campus activities in Spanish.

SPAN409. Practicum: [Topic]. 1-4 Credits.
Repeatable.

SPAN410. Experimental Course: [Topic]. 1-4 Credits.
Repeatable. Recent topics include Literature and Democratic Transition, Race in Modern Los Angeles, Social Roots of Creativity.

SPAN420. Spanish Linguistics: [Topic]. 4 Credits.
Variable topics in Spanish linguistics, including advanced grammar, history of the Spanish language, the language of Iberia, Spanish sociolinguistics. Repeatable when topic changes.
Prereq: Two from SPAN 320, 322, 324.

SPAN424. History of the Spanish Language. 4 Credits.
Linguistic changes and social-historical influences on the development of Spanish from its roots in Latin to the diversity of modern dialects. Offered alternate years.
Prereq: Two from SPAN 320, 322, 324.

SPAN425. Literary Translation. 4 Credits.
Variable topics include con textos, first issues, and cultural translation-transculturation in practice.
Prereq: two from SPAN 301, 303, 305, 308.

SPAN428. Spanish in the United States. 4 Credits.
The history and description of the linguistic characteristics of and narratives about the use of Spanish within the United States. Offered alternate years.
Prereq: SPAN 308; one from SPAN 320, 322.

SPAN431. Medieval Iberian Literature and Culture: [Topic]. 4 Credits.
Selected topics on the literature and culture of the Iberian Peninsula from the 12th through the 16th centuries. Repeatable twice when topic changes for maximum of 12 credits. Offered alternate years.
Prereq: two from SPAN 341, SPAN 342, SPAN 343, SPAN 344.

SPAN432. Spanish Islamic Literature and Culture: [Topic]. 4 Credits.
Selected topics on the Islamic literature and culture of the Iberian Peninsula from the 12th through the 17th centuries. Repeatable twice when topic changes for maximum of 12 credits.
Prereq: two from SPAN 341, SPAN 342, SPAN 343, SPAN 344.

SPAN433. Sephardic Literature and Culture: [Topic]. 4 Credits.
Selected topics on the literature and culture of the Sephardic Jews from the 12th through the 20th centuries. Repeatable twice when topic changes for maximum of 12 credits. Offered alternate years.

SPAN436. Contemporary Mexican Literature: [Topic]. 4 Credits.
Explores major aesthetics trends, genres, authors. Repeatable thrice when topic changes for maximum of 16 credits.
Prereq: two from SPAN 341, SPAN 342, SPAN 343, SPAN 344.

SPAN437. Contemporary Latin American Verse: [Topic]. 4 Credits.
Explores major aesthetic trends, authors, and works in contemporary Latin American poetry. Topics include avant-garde poetry, poetry and subjectivity, poetry and modernism. Repeatable thrice when topic changes for maximum of 16 credits.
Prereq: two from SPAN 341, SPAN 342, SPAN 343, SPAN 344.

SPAN448. National Identities and Border Cultures in the Americas. 4 Credits.
Examines 19th and 21st century national formation and alternative forms of collective identity in the Americas through literary texts, historical documents and film. Offered alternate years.
Prereq: SPAN 311 or 312; and at least two of SPAN 343, SPAN 344, 348.

SPAN450. Colonial Latin American Literature: [Topic]. 4 Credits.
Representative works of Colonial Latin America. Recent topics include Mestizaje, Colonial Theater, Colonial Literature, Carlos Fuentes. Repeatable twice when topic changes for maximum of 12 credits.
Prereq: two from SPAN 341, SPAN 342, SPAN 343, SPAN 344.

SPAN451. Sor Juana and Her Context. 4 Credits.
The debate on women and the woman intellectual; aesthetic definitions and the social meaning of Renaissance and baroque. Taught in Spanish.
Prereq: two from SPAN 341, SPAN 342, SPAN 343, SPAN 344.

SPAN452. Renaissance and Baroque Poetry. 4 Credits.
Petrarchism of Garcilaso and Herrera; traditional forms, especially the romance; poetry of Fray Luis de Leon, San Juan de la Cruz, Santa Teresa, Gongora, Lope de Vega, and Quevedo.
Prereq: two from SPAN 341, SPAN 342, SPAN 343, SPAN 344.

SPAN460. Don Quixote. 4 Credits.
Careful reading of "Don Quixote" along with discussion of major critical topics and of its place and importance in literary history.
Prereq: three from SPAN 341, SPAN 342, SPAN 343, SPAN 344.

SPAN466. Introduction to Spanish Golden Age. 4 Credits.
Survey of major figures and cultural issues in the Spanish Golden Age, c. 1500s–1700s.
Prereq: two from SPAN 341, SPAN 342, SPAN 343, SPAN 344.

SPAN480. 19th-Century Spanish American Literature: [Topic]. 4 Credits.
Topics include issue of literary periods, authors, narrative and nation, genres, and indigenismo. Repeatable twice when topic changes for maximum of 12 credits.
Prereq: two from SPAN 341, SPAN 342, SPAN 343, SPAN 344.

SPAN490. 20th-Century Latin American Literature: [Topic]. 4 Credits.
Explores major literary trends, authors, and works. Recent topics are Avant-garde in the Mexican Revolution, Testimonial Literature, Latin American Theater. Repeatable twice when topic changes for maximum of 12 credits.
Prereq: two from SPAN 341, SPAN 342, SPAN 343, SPAN 344.

SPAN507. Seminar: [Topic]. 1-6 Credits.
Repeatable. Recent topics include Golden Age Theater, Latin American Film, Medieval Iberian, Mexican Literature and Culture, 19th-Century Spanish Decadence, Postwar Spain, Testimonial Literature.

SPAN508. Workshop: [Topic]. 1-12 Credits.

SPAN510. Experimental Course: [Topic]. 1-4 Credits.
Repeatable. Recent topics include Literature and Democratic Transition, Race in Modern Los Angeles, Social Roots of Creativity.

SPAN520. Spanish Linguistics: [Topic]. 4 Credits.
Variable topics in Spanish linguistics. Recent topics include Spanish Phonology, History of the Spanish Language. Repeatable when topic changes.

SPAN524. History of the Spanish Language. 4 Credits.
Linguistic changes and social-historical influences on the development of Spanish from its roots in Latin to the diversity of modern dialects. Offered alternate years.

SPAN525. Literary Translation. 4 Credits.
Variable topics include con textos, first issues, and cultural translation-transculturation in practice.
Prereq: SPAN 420/520 recommended.

SPAN528. Spanish in the United States. 4 Credits.
The history and description of the linguistic characteristics of and narratives about the use of Spanish within the United States. Offered alternate years.

SPAN531. Medieval Iberian Literature and Culture: [Topic]. 4 Credits.
Selected topics on the literature and culture of the Iberian Peninsula from the 12th through the 16th centuries. Repeatable twice when topic changes for maximum of 12 credits. Offered alternate years.

SPAN532. Spanish Islamic Literature and Culture: [Topic]. 4 Credits.
Selected topics on the literature and culture of the Iberian Peninsula from the 12th through the 16th centuries. Repeatable twice when topic changes for maximum of 12 credits. Offered alternate years.

SPAN533. Sephardic Literature and Culture: [Topic]. 4 Credits.
Selected topics on the literature and culture of the Sephardic Jews from the 12th through the 20th centuries. Repeatable twice when topic changes for maximum of 12 credits. Offered alternate years.

SPAN537. Contemporary Latin American Verse. 4 Credits.
Explores major aesthetic trends, authors, and works in contemporary Latin American poetry. Topics include avant-garde poetry, poetry and subjectivity, poetry and modernism. Repeatable thrice when topic changes for maximum of 16 credits.

SPAN548. National Identities and Border Cultures in the Americas. 4 Credits.
Examines 19th and 21st century national formation and alternative forms of collective identity in the Americas through literary texts, historical documents and film. Offered alternate years.

SPAN550. Colonial Latin American Literature: [Topic]. 4 Credits.
Representative works of Colonial Latin America. Recent topics include Mestizaje, Colonial Theater, Colonial Literature, Carlos Fuentes. Repeatable twice when topic changes for maximum of 12 credits.

SPAN551. Sor Juana and Her Context. 4 Credits.
The debate on women and the woman intellectual; aesthetic definitions and the social meaning of Renaissance and baroque. Taught in Spanish.

SPAN552. Renaissance and Baroque Poetry. 4 Credits.
Petrarchism of Garcilaso and Herrera; traditional forms, especially the romance; poetry of Fray Luis de Leon, San Juan de la Cruz, Santa Teresa, Gongora, Lope de Vega, and Quevedo.
Prereq: SPAN 316, 317.

SPAN566. Introduction to Spanish Golden Age. 4 Credits.
Survey of major figures and cultural issues in the Spanish Golden Age, c. 1500s–1700s.

SPAN580. 19th-Century Spanish American Literature: [Topic]. 4 Credits.
Topics include issue of literary periods, authors, narrative and nation, genres, and indigenismo. Repeatable twice when topic changes for maximum of 12 credits.

SPAN590. 20th-Century Latin American Literature: [Topic]. 4 Credits.
Explores major literary trends, authors, and works. Recent topics are Avant-garde in the Mexican Revolution, Latin American Theater. Repeatable twice when topic changes for maximum of 12 credits.

SPAN601. Research: [Topic]. 1-6 Credits.
Repeatable.

SPAN605. Reading and Conference: [Topic]. 1-6 Credits.
Repeatable.

SPAN607. Seminar: [Topic]. 1-6 Credits.
Repeatable.

SPAN609. Practicum: [Topic]. 1-4 Credits.
Repeatable.

SPAN680. Advanced 19th-Century Spanish American Literature: [Topic]. 4 Credits.
Selected Latin American topics from literary periods, authors, genres, and aesthetic trends. Repeatable twice when topic changes for maximum of 12 credits.

SPAN690. Advanced 20th-Century Latin American Literature: [Topic]. 4 Credits.
Selected topics from literary periods, authors, genres, and aesthetic trends. Repeatable twice when topic changes for maximum of 12 credits.

Russian, East European, and Eurasian Studies

Jenifer Presto, Program Director
541-346-4065
541-345-5041 fax
175 Prince Lucien Campbell Hall

The Russian, East European, and Eurasian Studies Program is devoted to the study of the peoples living in the eastern third of Europe,

throughout the northern steppes of Central Asia, and across Siberia to the Pacific Ocean. Settled over a territory that spans half the earth's time zones, these peoples have created a complex mosaic of cultures, expressed in literature and art as well as in institutions and social forms. Over the centuries, these lands have come under the sway of several great world-historical civilizations and empires: the Byzantine, Mongolian, Ottoman Turkish, Holy Roman, Austro-Hungarian, Russian, and Soviet. These lands have felt the influence of Orthodox Christianity, Catholicism, Protestantism, Judaism, Islam, and Communism. At the intersection of many powerful forces, these lands experience the historical drama of what some call "modernization" with its challenge to customary ways of life. Yet, after centuries of massive transplantation and transformation, national and ethnic heritages survive. Customary ways and native self-consciousness, more diverse than anywhere else on the globe, express themselves with new vigor.

Visiting Faculty Members

The program sponsors extended stays by visiting Fulbright and International Research and Exchange Board scholars from Russia and Eastern Europe.

Overseas Study

Qualified students of Russian may spend a summer, semester, or academic year in the Commonwealth of Independent States—in the Council on International Educational Exchange (CIEE) Cooperative Russian Language Program, of which the University of Oregon is an affiliate. Participating CIEE schools include Novosibirsk State University and St. Petersburg University. Students may also participate in Moscow and St. Petersburg programs sponsored by the American Council of Teachers of Russian. Opportunities also exist for study in the Czech Republic, Hungary, and Poland. Limited fellowship aid is available for these programs.

Students in University of Oregon overseas study programs enroll in courses with subject codes that are unique to individual programs. Special course numbers are reserved for overseas study. See International Affairs in the **Academic Resources** section of this catalog. Students interested in study in the Commonwealth of Independent States or in Eastern Europe should write or call the Overseas Program Coordinator, Office of International Affairs, 5209 University of Oregon, Eugene, Oregon 97403-5209; 541-346-3206.

Cultural Programs

The program sponsors lectures, panel discussions, symposiums, films, plays, exhibitions, concerts, and festivals. These presentations involve scholars from other institutions in the United States and Europe as well as specialists at the university. In addition, the program faculty engages in outreach activities with local schools, community groups, and organizations such as the Eugene-Irkutsk Sister City Committee. Students in the program organized a Russian Club.

Resources

The University of Oregon's library has more than 130,000 volumes in the Russian and other Slavic and East European languages, more than 60,000 on Russia and Eastern Europe in Western languages; and subscribes to more than 100 serial titles. The library also has a large collection of Russian and East European films. The bulk of the collection is in the humanities and social sciences.

Facilities at the well-known Yamada Language Center enhance the learning of Slavic and East European languages. For more information, visit the website (https://babel.uoregon.edu).

Faculty

Katya E. Hokanson, associate professor (Russian literature, travel literature, cultural studies). B.A., 1984, Williams; M.A., 1988, Ph.D., 1994, Stanford. (1995)

Yelaina Kripkov, senior instructor (Russian language, culture); coordinator, Russian language program. MA, 1983, Moscow State Pedagogical Institute; PhD, 1996, Kansas. (1995)

Julia Nemirovskaya, instructor (Russian literature and theater). MA, 1986, PhD, 1991, Moscow State. (2002)

Jenifer Presto, associate professor (19th- and 20th-century Russian literature, modernism, gender studies). A.B., 1985, Smith; M.A., 1988, Middlebury; M.A., 1989, Ph.D., 1996, Wisconsin, Madison. (2003)

The date in parentheses at the end of each entry is the first year on the University of Oregon faculty.

Participating

Roy Chan, East Asian languages and literatures (Chinese literature)

Heghine Hakobyan, library

Julie Hessler, history (20th-century Russia, Europe)

R. Alan Kimball, history (modern Russia)

Karrie Koesel, political science (comparative politics)

Susanna Soojung Lim, honors college (19th- and 20th-century Russian literature)

Anna Mikhaylova, linguistics

Mikhail Myagkov, political science (comparative politics, formal political theory)

Stephen J. Shoemaker, religious studies (history of Eastern Christianity)

Carol T. Silverman, anthropology (performance, eastern Europe, gender)

Caleb Southworth, sociology (economic sociology, postsocialist societies, quantitative-historical methods)

Cynthia M. Vakareliyska, linguistics (Slavic linguistics)

Courtesy

Amanda Bird, courtesy instructor (folklore, translation, Persian literature). BA, 1994, Baylor; MA, 2006, Oregon. (2013)

Norma "Bean" Comrada, courtesy instructor (Slavic literature). BA, 1954, Whitman College; MS, 1983, Oregon.(2013)

Richard Morris, courtesy professor (Russian and East European regional studies). MA, 1975 Western Washington; PhD, 1981, Oregon. (1982)

Tamara Morris, courtesy professor (Russian language, culture of "Old Believers"). Baccalaureate, D. Banzarov; MA, 1984, Kransoyarsky State Pedagogical Institute; PhD, 1986, Institute of Russian Language. (2013)

Emeriti

Esther Jacobson-Tepfer, history of art and architecture

Ronald Wixman, geography

Associated

John E. Bonine, law

Keith Eddins, law (post-Communist Russia and Eastern Europe)

Alexander Kashirin, Russian, East European, and Eurasian studies

Sherwin Simmons, history of art and architecture

Andrew Verner, business

Lisa Wolverton, history

- **Bachelor of Arts**
- **Minor**

Undergraduate Studies

The program offers a bachelor of arts degree (BA) and a minor. The undergraduate certificate is inactive.

General Requirements

Fields of Concentration

The program offers the following concentrations for the undergraduate major and minor, the master's degree, and the graduate certificate:

- Russian literature
- Russian language (*as a concentration for the major, special requirements apply—see below; Russian language is not a minor concentration option*)
- Slavic linguistics
- Russian and East European history
- Contemporary Russia, East Europe, and Eurasia

Courses with these focus areas are offered by the program and such participating departments as anthropology, geography, history, political science, and sociology. Any course taken that includes instruction on one of these focus areas and has at least 40 percent Russian, East European, former Soviet Eurasian, or Slavic content, including independent research undertaken by the student, may be applied to the field of concentration requirement with administrative approval. Students may petition to have courses taken in other disciplines count toward the concentration or elective requirement if the content of these courses meets the 40 percent standard. This applies to regularly scheduled courses and to independent reading and conference courses.

Students can request sample programs of study in the various concentrations from their advisor or from the program's office.

Major Requirements

The major requires 40 graded credits; courses must be passed with grades of C– or better. Credits used to fulfill the language requirement may not be applied to the 40-credit requirement.

Bachelor of Arts Degree Requirements

Language Courses		
RUSS101–103	First-Year Russian [1]	15
RUSS201–203	Second-Year Russian [1]	15
RUSS316–318	Third-Year Russian [1]	15
Field of Concentration Courses		16
Four upper-division courses in a chosen concentration [2]		
Elective Courses [3]		24
Total Credits		**40**

1. Three years of college-level Slavic language study is usually fulfilled by taking Russian language courses. Students may petition to substitute one year of a second Slavic language for one year of the primary Slavic language. The language option is chosen in consultation with program advisors.
2. Two courses must be at the 400 level.
3. At least 12 credits must be earned in upper-division courses. As many as 8 of the 24 credits may be in the concentration area, but may not be used to satisfy both the concentration requirement and the elective requirement. Electives must include courses in at least two fields outside the concentration.

Additional Requirements

A research paper written in conjunction with one of the upper-division courses or as a separate Reading and Conference course (RUSS 406, REES 406) in the field of concentration.

Double Majors

Subject to approval by program administrators, as many as four 300- and 400-level courses taken to fulfill requirements for a second major may be used to fulfill the 40-credit requirement of the Russian, East European, and Eurasian studies major. To apply for a double major, students must complete and submit a declaration form to the center's office.

Honors in Russian, East European, and Eurasian Studies

Majors who have an overall GPA of 3.50 by the end of the junior year and who are interested in honors should meet with their advisor, then submit a thesis proposal to the center's director for approval. If approved, the student registers for a minimum of 4 credits in Thesis (403) under the supervision of a program faculty member. The thesis, which fulfills the research requirement, must be completed at least one term before the term of graduation.

Special Requirements for Russian, East European, and Eurasian Studies Majors with a Russian Language Concentration

1. **Language Requirement**. Students who choose the language concentration should finish the program with advanced mastery of Russian. The fourth year of the language counts toward the concentration and is expected as the core of the concentration. In addition, students are expected to take a translation exam from Russian into English, which is administered once a term.
2. **Field of Concentration**. The language concentration, like the other concentrations, consists of four courses beyond the basic third-year sequence. Three of them must be Advanced Russian:

[Topic] (RUSS436) or the equivalent; in each concentration, students may substitute two courses taken abroad for two courses of the concentration. The other course may be any other 4-credit 300- or 400-level language course, such as Russian through Theater (RUSS309), or an independent reading course on a language topic.

3. **Research Paper**. The paper must be written in Russian. It should involve some outside reading, but the research component is less important than the writing of an eight-to-ten-page typed paper in Russian.
4. **Electives**. Because students should have an analytical perspective on the language, they are required to take an advanced course in Slavic linguistics. Because they should have a sense of the literary use of Russian, they also must take a 400-level Russian literature course as one of their electives.

Minor Requirements

The minor requires 28 graded credits; courses must be passed with a grade of C– or better. Courses taken to fulfill the language requirement may not be used to fulfill the 28-credit requirement.

Language Courses		
RUSS101–103	First-Year Russian [1]	15
RUSS201–203	Second-Year Russian [1]	15
RUSS316–318	Third-Year Russian [1]	15
Field of Concentration Courses		12
Three upper-division courses in a chosen concentration [2]		
Elective Courses [3]		16
Total Credits		**28**

1 Three years of college-level Slavic language study is usually fulfilled by taking Russian language courses. Students may petition to substitute one year of a second Slavic language for one year of the primary Slavic language. The language option is chosen in consultation with program advisors.

2 One course must be at the 400 level.

3 At least 12 credits must be earned in upper-division courses. As many as 4 of the 16 credits may be in the concentration area, but may not be used to satisfy both the concentration requirement and the elective requirement.

Additional Requirements

A research paper written in conjunction with one of the upper-division courses or as a separate Reading and Conference course (RUSS 406, REES 406) in the field of concentration.

There is no limit on the number of language courses taken at other universities, including courses taken abroad, that may be used to satisfy the language requirement for the major or minor, subject to an equivalency assessment by the Russian language coordinator. With respect to concentration and elective requirements, undergraduate majors may apply as many as 4 upper-division transfer credits toward the concentration and as many as 12 transfer credits toward the elective requirement, but not toward universitywide graduation requirements.

Secondary School Teaching Careers

The College of Education offers a fifth-year program for teaching licensure in foreign language. This program is described in the **College of Education** section of this catalog.

- **Master of Arts**
- **Certificate**

Graduate Studies

The program offers a master of arts (MA) and a graduate certificate in Russian, East European, and Eurasian studies. The center is affiliated with the master's and PhD programs in comparative literature and linguistics, and students in the center have also successfully applied to PhD programs in history, geography, and other fields.

Master of Arts

Application

Graduate application instructions are available online (http://reees.uoregon.edu/graduate/admission-and-aid). The application deadline for admission the following fall term is February 1. Applicants who are not seeking graduate fellowship support are considered for admission throughout the academic year if space is available in the program.

Incoming candidates for the master's degree must meet with an advisor and take a Russian proficiency examination on the Friday before the beginning of their first academic term.

Graduate students are expected to meet regularly with their advisor and submit an updated program plan every spring term. Students and their advisors use degree planning sheets to design individual programs.

Master of Arts Degree Requirements

The MA in Russian, East European, and Eurasian studies requires 49 graded graduate-level credits; courses must be passed with grades of B– or better. Credits used to fulfill the language requirement may not be applied to the 49-credit requirement. The MA typically takes two years (six terms) to complete.

Language Courses		
Four years of university study of a Slavic language or equivalent, plus reading competency as defined by a translation exam in the student's field of concentration [1]		
Field of Concentration Courses		
Four graded graduate-level courses in a chosen concentration		16
Research and Thesis		
REES503	Thesis	9
Elective Courses		
Six graded graduate-level courses [2]		24
Total Credits		**49**

1 In exceptional cases, a student may petition to substitute one year of a second Slavic language or equivalent mastery for one of the years of the primary language, but must pass the reading exam. Native speakers of a Slavic language may petition to substitute an appropriate alternative measure of English competency to the translation exam.

[2] Two courses may be in the field of concentration. The electives must include courses in at least two fields outside the student's concentration.

Fields of Concentration

- Russian literature
- Russian language
- Slavic linguistics
- Russian and East European history
- Contemporary Russia, East Europe, and Eurasia

Additional Requirements

A written comprehensive examination on the field of concentration is typically taken the term prior to submission of the thesis. The thesis is defended before the candidate's committee. The defense may include discussion of the comprehensive exam.

Graduate Certificate

The graduate certificate in Russian, East European, and Eurasian studies requires 32 graded graduate-level credits; courses must be passed with grades of B– or better. Credits used to fulfill the language requirement may not be applied to the 32-credit requirement.

Language Courses	
Select one of the following:	
Four years of college study or equivalent in one Slavic language	
Total of four years of college study in two languages of the region	
Field of Concentration Courses	
Three graduate-level courses in chosen concentration	12
Elective Courses	
Four graduate-level courses [1]	16
Total Credits	**28**

[1] One elective may be in the field of concentration.

Additional Requirements

A research paper written in conjunction with a course or as a separate reading course in the field of concentration.

Fields of Concentration

- Russian literature
- Russian language
- Slavic linguistics
- Russian and East European history
- Contemporary Russia, East Europe, and Eurasia

The certificate may be earned in conjunction with any MA or PhD degree. Courses taken to fulfill the graduate degree may also be used to fulfill certificate requirements. Master's candidates in the program may earn the graduate certificate if the field of concentration chosen for the certificate is not the same as the one for the master's degree.

Courses

REES196. Field Studies: [Topic]. 1-2 Credits.
Repeatable.

REES198. Workshop: [Topic]. 1-2 Credits.
Repeatable.

REES199. Special Studies: [Topic]. 1-5 Credits.
Repeatable.

REES399. Special Studies: [Topic]. 1-5 Credits.
Repeatable.

REES401. Research: [Topic]. 2-6 Credits.
Repeatable.

REES403. Thesis. 3-6 Credits.
Repeatable.

REES405. Reading and Conference: [Topic]. 1-5 Credits.
Repeatable.

REES406. Field Studies: [Topic]. 1-21 Credits.
Repeatable.

REES407. Seminar: [Topic]. 2-4 Credits.
Repeatable.

REES408. Colloquium: [Topic]. 2-4 Credits.
Repeatable.

REES409. Supervised Tutoring: [Topic]. 1-3 Credits.
Repeatable.

REES410. Experimental Course: [Topic]. 2-6 Credits.
Repeatable.

REES503. Thesis. 1-9 Credits.
Repeatable.

REES507. Seminar: [Topic]. 2-4 Credits.
Repeatable.

REES508. Colloquium: [Topic]. 2-4 Credits.
Repeatable.

REES510. Experimental Course: [Topic]. 2-6 Credits.
Repeatable.

REES601. Research: [Topic]. 2-6 Credits.
Repeatable.

REES605. Reading and Conference: [Topic]. 1-6 Credits.
Repeatable.

REES606. Field Studies: [Topic]. 1-16 Credits.
Repeatable.

REES607. Seminar: [Topic]. 1-5 Credits.
Repeatable.

REES608. Colloquium: [Topic]. 1-16 Credits.
Repeatable.

REES609. Practicum: [Topic]. 1-16 Credits.
Repeatable.

REES610. Experimental Course: [Topic]. 1-5 Credits.
Repeatable.

Courses

RUSS101. First-Year Russian. 5 Credits.
Elementary Russian grammar, conversation, reading, and composition.

RUSS102. First-Year Russian. 5 Credits.
Elementary Russian grammar, conversation, reading, and composition. Prereq: RUSS 101.

RUSS103. First-Year Russian. 5 Credits.
Elementary Russian grammar, conversation, reading, and composition.
Prereq: RUSS 102.

RUSS121. Spoken Russian: [Topic]. 1-2 Credits.
Practice in improving Russian speech, comprehension, and listening skills. Exercises reinforce grammar and vocabulary learned in class instruction. Repeatable twice for a maximum of 6 credits.
Coreq: RUSS 101, 102, or 103.

RUSS196. Field Studies: [Topic]. 1-2 Credits.
Repeatable.

RUSS198. Workshop: [Topic]. 1-2 Credits.
Repeatable.

RUSS199. Special Studies: [Topic]. 1-5 Credits.
Russian Film is a current topic. Repeatable when topic changes.

RUSS201. Second-Year Russian. 5 Credits.
Intermediate Russian grammar, reading, conversation, and composition. Study of representative literary works.
Prereq: RUSS 103 or equivalent.

RUSS202. Second-Year Russian. 5 Credits.
Intermediate Russian grammar, reading, conversation, and composition. Study of representative literary works.
Prereq: RUSS 201 or equivalent.

RUSS203. Second-Year Russian. 5 Credits.
Intermediate Russian grammar, reading, conversation, and composition. Study of representative literary works.
Prereq: RUSS 202 or equivalent.

RUSS204. Introduction to Russian Literature. 4 Credits.
Survey of Russian literature from its origins to the present; emphasis on Pushkin, Gogol, Turgenev, Dostoevsky, Tolstoy, Chekhov, and contemporary works. Readings, lectures, and discussions in English.

RUSS205. Introduction to Russian Literature. 4 Credits.
Survey of Russian literature from its origins to the present; emphasis on Pushkin, Gogol, Turgenev, Dostoevsky, Tolstoy, Chekhov, and contemporary works. Readings, lectures, and discussions in English.

RUSS206. Introduction to Russian Literature. 4 Credits.
Survey of Russian literature from its origins to the present; emphasis on Pushkin, Gogol, Turgenev, Dostoevsky, Tolstoy, Chekhov, and contemporary works. Readings, lectures, and discussions in English.

RUSS221. Spoken Russian. 1-2 Credits.
Practice in improving Russian speech, comprehension, and listening skills. Exercises reinforce grammar and vocabulary learned in class instruction. Repeatable twice for a maximum of 6 credits.
Coreq: RUSS 201, 202, or 203.

RUSS240. Russian Culture. 4 Credits.
Comparative aesthetics and development of art, film, architecture, music, and literature in the context of Russian intellectual history. Readings, lectures, and discussions in English.

RUSS309. Russian through Theater. 2-4 Credits.
Combined elements of Russian language, literature, and culture learned through participation in a theater production. Credits vary with degree of involvement. Repeatable when different theater production is offered.

RUSS316. Third-Year Russian. 5 Credits.
Intermediate-to-advanced Russian. Further development of basic skills, with special attention to reading comprehension, conversational competence, grammatical accuracy, and cultural sophistication.
Prereq: RUSS 203 or equivalent.

RUSS317. Third-Year Russian. 5 Credits.
Intermediate-to-advanced Russian. Further development of basic skills, with special attention to reading comprehension, conversational competence, grammatical accuracy, and cultural sophistication.
Prereq: RUSS 203 or equivalent.

RUSS318. Third-Year Russian. 5 Credits.
Intermediate-to-advanced Russian. Further development of basic skills, with special attention to reading comprehension, conversational competence, grammatical accuracy, and cultural sophistication.
Prereq: RUSS 203 or equivalent.

RUSS331. Russian Short Story. 4 Credits.
Analysis of short stories by important 19th and 20th century Russian writers in the context of social political and literary development. Readings in English. Offered alternate years.

RUSS334. Dostoevsky. 4 Credits.
Introduction to the novels and short stories of Dostoevsky. His literary, ethical, and political development. Readings and instruction in English.

RUSS335. Tolstoy. 4 Credits.
Examines short and long works by Leo Tolstoy, focusing on ethical questions and Tolstoy's literary art. Readings and instruction In English.

RUSS351. Russian Literature and Film. 4 Credits.
Introduction to great works of 19th-century Russian literature and analysis of the cinematic adaptation of these works by Western filmmakers.

RUSS399. Special Studies: [Topic]. 1-5 Credits.
Recent topics are Solzhenitsyn, Sex and Feminism in Russia. Repeatable when topic changes.

RUSS401. Research: [Topic]. 2-6 Credits.
Repeatable.

RUSS403. Thesis. 3-6 Credits.
Repeatable.

RUSS405. Reading and Conference: [Topic]. 1-6 Credits.
Repeatable.

RUSS406. Field Studies: [Topic]. 1-21 Credits.
Repeatable.

RUSS407. Seminar: [Topic]. 2-4 Credits.
Repeatable when topic changes.

RUSS408. Colloquium: [Topic]. 2-4 Credits.
Special on-campus activities. Conducted in Russian. Repeatable when topic changes.

RUSS409. Practicum: [Topic]. 1-5 Credits.
Repeatable.

RUSS410. Experimental Course: [Topic]. 2-4 Credits.
Recent topics are Methods of Teaching, Russian through Theater. Repeatable when topic changes.

RUSS426. Classics of Russian Poetry: [Topic]. 4 Credits.
Comprehensive study of selected topics in Russian poetry (e.g., Alexander Pushkin, Russian symbolism, acmeism, futurism, and contemporary poetry). Repeatable twice when topic changes for maximum of 12 credits.

RUSS434. Russian Literature: [Topic]. 4 Credits.
Comprehensive study of selected topics in Russian literature, (e.g., 20th-century, contemporary, and Old Russian literature). Repeatable twice when topic changes for maximum of 12 credits.

RUSS436. Advanced Russian: [Topic]. 4 Credits.
Analysis of Russian texts, films, and TV broadcasts about selected topics in Russian culture, literature, politics, and economics with practice in comprehension, conversation, and composition. Repeatable twice when topic changes for a maximum of 12 credits.
Prereq: RUSS 318 or equivalent.

RUSS440. Russian Phonology and Morphology. 4 Credits.
Russian phonology and morphology (sound system and word formation) Offered alternate years.

RUSS444. Slavic Linguistics: [Topic]. 4 Credits.
Comparative survey of Slavic languages, their relationships to each other, and the characterizing features of each individual language. Repeatable when topic changes.
Prereq: RUSS 203 or LING 290.

RUSS445. Old Church Slavonic. 4 Credits.
Sound system and grammar of Old Church Slavonic; its role as a primary source of evidence on the development of the Slavic languages. Readings from Old Church Slavonic texts.
Prereq: RUSS 203 or LING 290 or equivalent.

RUSS503. Thesis. 1-9 Credits.
Repeatable.

RUSS507. Seminar: [Topic]. 2-4 Credits.
Repeatable when topic changes.

RUSS508. Colloquium: [Topic]. 2-4 Credits.
Special on-campus activities. Conducted in Russian. Repeatable when topic changes.

RUSS510. Experimental Course: [Topic]. 2-4 Credits.
Recent topics are Methods of Teaching, Russian through Theater. Repeatable when topic changes.

RUSS526. Classics of Russian Poetry: [Topic]. 4 Credits.
Comprehensive study of selected topics in Russian poetry (e.g., Alexander Pushkin, Russian symbolism, acmeism, futurism, and contemporary poetry). Repeatable twice when topic changes for maximum of 12 credits.

RUSS534. Russian Literature: [Topic]. 4 Credits.
Comprehensive study of selected topics in Russian literature, (e.g., 20th-century, contemporary, and Old Russian literature). Repeatable twice when topic changes for maximum of 12 credits.

RUSS536. Advanced Russian: [Topic]. 4 Credits.
Analysis of Russian texts, films, and TV broadcasts about selected topics in Russian culture, literature, politics, and economics with practice in comprehension, conversation, and composition. Repeatable twice when topic changes for a maximum of 12 credits.

RUSS540. Russian Phonology and Morphology. 4 Credits.
Russian phonology and morphology (sound system and word formation) Offered alternate years.

RUSS544. Introduction to Slavic Languages. 4 Credits.
Comparative survey of Slavic languages, their relationships to each other, and the characterizing features of each individual language. Repeatable when topic changes.

RUSS545. Old Church Slavonic. 4 Credits.
Sound system and grammar of Old Church Slavonic; its role as a primary source of evidence on the development of the Slavic languages. Readings from Old Church Slavonic texts.

RUSS601. Research: [Topic]. 2-6 Credits.
Repeatable.

RUSS602. Supervised College Teaching. 1-5 Credits.
Repeatable.

RUSS605. Reading and Conference: [Topic]. 1-6 Credits.
Repeatable.

RUSS606. Field Studies: [Topic]. 1-16 Credits.
Repeatable.

RUSS607. Seminar: [Topic]. 1-5 Credits.
Repeatable.

RUSS608. Colloquium: [Topic]. 2-4 Credits.
Repeatable.

RUSS609. Practicum: [Topic]. 1-5 Credits.
Repeatable.

RUSS610. Experimental Course: [Topic]. 1-5 Credits.
Repeatable.

Scandinavian Studies

Michael Stern, Committee Chair
541-346-4051
202 Friendly Hall
1250 University of Oregon
Eugene, Oregon 97403-1250

Undergraduate Studies

The Scandinavian Studies Committee endeavors to stimulate interest in Scandinavian culture, society, languages, and history. The committee is a focal point for faculty members and students who want to teach or take courses related to Scandinavia or to do research on Scandinavian countries. Students can earn a minor in Scandinavian or a major in German with a focus on Scandinavian. Both academic programs are described in the **German and Scandinavian** section of this catalog.

Overseas Study

Students in all University of Oregon overseas study programs enroll in courses with subject codes that are unique to individual programs. Special course numbers are reserved for overseas study. See International Affairs in the **Academic Resources** section of this catalog.

The university has student exchange programs with the University of Aalborg, Copenhagen Business School, Denmark's International Study Program in Copenhagen, the University of Tampere in Finland, the Universities of Bergen and Oslo in Norway, and the University of Uppsala in Sweden. Area-studies courses not offered by the university can often be taken at one of the Nordic universities. The courses may be applied to the Scandinavian minor or the German and Scandinavian focus of the German major.

Committee members have close ties to the information services of Nordic governments. As a result, books, periodicals, and newspapers regularly arrive from Nordic countries.

The UO Friends of Scandinavian Studies, a community-based support group, annually awards scholarship assistance to students seriously engaged in some aspect of Scandinavianstudies.

Curriculum

Courses appropriate for Scandinavian studies have been offered in anthropology, comparative literature, English, German and Scandinavian, political science, sociology, and other departments. The Department of

German and Scandinavian offers language instruction in Danish, Finnish, Norwegian, and Swedish.

Steering Committee Faculty

James W. Earl, English

Jon M. Erlandson, anthropology

D. Gantt Gurley, German and Scandinavian

Sergio Koreisha, decision sciences

Sonja Rasmussen, International Resource Center

Michael G. Raymer, physics

Lars Skalnes, political science

Michael Stern, German and Scandinavian

Richard A. Sundt, history of art and architecture

Bruce Harwood Tabb, UO Libraries

Roxi Thoren, landscape architecture

Glenda Fravel Utsey, architecture

Sociology

Jocelyn Hollander, Department Head
541-346-5002
541-346-5026 fax
736 Prince Lucien Campbell Hall
1291 University of Oregon
Eugene OR 97403-1291
sociology@uoregon.edu

Sociology is the analytical study of human groups and societies—how they develop, how they are structured, and how they function. Like human society itself, the field of sociology is extremely broad. Sociologists study the social world, from small groups of friends and families to formal organizations, such as universities and corporations, to entire nations. In addition, scholars of sociology look at social relationships and interactions, at power and conflict, at the structures that hold societies together, and at how those societies change.

Faculty

Michael B. Aguilera, associate professor (economic sociology, social inequality, race and ethnicity). BA, 1995, California, Irvine; MA, 1995, PhD, 1999, State University of New York, Stony Brook. (2004)

Oluwakemi Balogun, assistant professor (gender, race and migration, African Studies). See **Women's and Gender Studies**.

Vallon L. Burris, professor (theory, power structure, network analysis). BA, 1969, Rice; PhD, 1976, Princeton. (1977)

Scott Coltrane, professor (family, gender, social psychology); interim president. BA, 1974, MA, 1985, PhD, 1988, California, Santa Cruz. (2008)

Michael C. Dreiling, associate professor (political sociology, environmental sociology, social movements). BA, 1990, California, Irvine; MA, 1993, PhD, 1997, Michigan, Ann Arbor. (1996)

John B. Foster, professor (environment, Marxism, political economy). BA, 1975, Evergreen State; MA, 1977, PhD, 1984, York. (1985)

Aaron O. Gullickson, associate professor (race and ethnicity, stratification, demography). BA, 1998, Washington (Seattle); MA, 1999, 2001, PhD, 2004, California, Berkeley. (2007)

Patricia A. Gwartney, professor (social demography, methods, stratification). AB, 1973, California, Berkeley; MA, 1979, PhD, 1981, Michigan. (1981)

Jill A. Harrison, assistant professor (work, organizations, qualitative methods). BA, 2000, Youngstown State; MA, 2004, PhD, 2009, Ohio State. (2009)

Jocelyn Hollander, professor (gender, microsociology, social inequality). BA, 1987, Stanford; MA, 1991, PhD, 1997, Washington (Seattle). (1997)

Ryan Light, assistant professor (cultural sociology, inequality, social networks). BA, 2000, Kenyon College; MA, 2004, PhD, 2009, Ohio State. (2009)

Gregory McLauchlan, associate professor (urban sociology; political sociology; science, technology, environment). BA, 1974, MA, 1978, PhD, 1988, California, Berkeley. (1989)

Kari Norgaard, associate professor (environmental and cultural sociology, sociology of emotions). BS, 1992, Humboldt State; MA, 1994, Washington State; PhD, 2003, Oregon. (2011)

Matthew Norton, assistant professor (political and cultural sociology, theory). BA, 1998, Villanova; MA, 2002, Bradford; PhD, 2012, Yale. (2012)

Eileen M. Otis, associate professor (gender, labor, China), B.A, 1987, California, Berkeley; MA, 1996 and 1999, California, Santa Barbara; PhD, 2003, California, Davis. (2008)

C. J. Pascoe, associate professor (sexuality and gender, childhood and youth, new media). BA, 1996, Brandeis; MA, 2000, PhD, 2006, California, Berkeley. (2013)

Elaine Replogle, instructor (sociology of medicine and mental health, culture, qualitative methods). BA, 1989, Earlham College; MTS, 1994, Harvard; MA, 2002, PhD, 2005, Rutgers. (2008)

Ellen K. Scott, professor (gender, social inequality, qualitative methods). BA, 1982, Williams; MA, 1991, New School for Social Research; MA, 1992, PhD, 1997, California, Davis. (2001)

Jiannbin Lee Shiao, associate professor (race and ethnicity, research methods, Asian America). BA, 1991, Brown; MA, 1994, 1996, PhD, 1998, California, Berkeley. (1998)

Caleb Southworth, associate professor (policy evaluation, data visualization, applied sociology). BA, 1989, Michigan, Ann Arbor; MA, 1994, California, Irvine; PhD, 2001, California, Los Angeles. (2001)

Jessica M. Vasquez, associate professor (race and ethnicity, immigration, family). BA, 1998, Princeton; MA, 2002, PhD, 2007, California, Berkeley. (2012)

Richard York, professor (environmental sociology, statistics, research methods). BS, 1994, Southern Oregon; MS, 1997, Bemidji State; PhD, 2002, Washington State. (2002)

Emeriti

Joan R. Acker, professor emerita. BA, 1946, Hunter; MA, 1948, Chicago; PhD, 1967, Oregon. (1964)

Steven Deutsch, professor emeritus. BA, 1958, Oberlin; MA, 1959, PhD, 1964, Michigan State. (1966)

Marion Sherman Goldman, professor emeritus [sic]. AB, 1967, California, Berkeley; MA, 1970, PhD, 1977, Chicago. (1973)

Benton Johnson, professor emeritus. BA, 1947, North Carolina; MA, 1953, PhD, 1954, Harvard. (1957)

Kenneth B. Liberman, professor emeritus. BA, 1970, State University of New York, Old Westbury; MA, 1976, PhD, 1981, California, San Diego (1983)

David Milton, professor emeritus. BA, 1963, San Francisco State; MA, 1973, PhD, 1980, California, Berkeley (1978)

Robert M. O'Brien, professor emeritus. BS, 1967, Pomona; MS, 1970, PhD, 1973, Wisconsin. (1981)

Donald R. Van Houten, professor emeritus. BA, 1958, Oberlin; PhD, 1967, Pittsburgh. (1968)

The date in parentheses at the end of each entry is the first year on the University of Oregon faculty.

- **Bachelor of Arts**
- **Bachelor of Science**
- **Minor** (p. 381)

Undergraduate Studies

Sociology is the analytical study of the development, structure, and function of human groups and societies. It is concerned with the scientific understanding of human behavior as it relates to, and as a consequence of, interaction within groups. The undergraduate program in the Department of Sociology provides a broad understanding of human society for students in every field and integrated programs for majors in sociology.

Preparation

High school students planning to major in sociology should take courses in history and social studies. Substantial work in English composition, mathematics, and second languages is also desirable. Two-year transfer students are advised to come with a year's work in introductory sociology courses as well as courses that fulfill university group requirements.

Careers

Recent graduates with bachelor's degrees in sociology are found in all the pursuits traditionally open to liberal-arts graduates—especially social service, management, marketing, teaching, library, and research-statistics occupations in industries related to health, education, business, government, and the environment. Some graduates seek additional training in graduate professional schools of social work, business administration, and law. A bachelor's degree alone is seldom sufficient to allow a person to enter a professional career as a sociologist. Students who seek careers as social scientists enter graduate programs in sociology or related fields.

Curriculum

Undergraduate courses in sociology are offered at three levels. Courses at the 200 level provide an introduction to the field. Basic courses are Introduction to Sociology (SOC204) and Social Inequality (SOC207). One must be taken to advance to 300-level courses.

Courses at the 300 level extend the student's knowledge of subjects covered in the 200-level courses and provide an introduction to social research methods and social theory.

Courses at the 400 level are advanced and specialized. Most build on background obtained in the 200- and 300-level courses. As prerequisites for enrollment, students must successfully complete the core courses: SOC 310, 311, 312. Upper-division (300- and 400-level) classes are usually smaller in size than the lower-division classes and provide more opportunity for faculty-student interaction.

Courses used to satisfy major requirements must be taken for letter grades and passed with grades of C– or better; at least a 2.00 grade point average (GPA) must be achieved in these courses.

Courses numbered 401–406 and 408–409 may be taken pass/no pass (P/N); P grades must be earned to apply them to the major. No more than 8 credits may be applied to the major.

Bachelor of Arts Degree Requirements

Core Courses		
SOC310	Development of Sociology	4
SOC311	Introduction to Social Research	4
SOC312	Quantitative Methods in Sociology	4
Upper-Division Courses		
400-level courses (407, 410–491) [1]		16
300- or 400-level courses		8
Additional Courses		
Sociology courses (any level)		8
Total Credits		**44**

[1] At least 12 of the credits must be taken at the University of Oregon.

Bachelor of Science Degree Requirements

Core Courses		
SOC310	Development of Sociology	4
SOC311	Introduction to Social Research	4
SOC312	Quantitative Methods in Sociology	4
Upper-Division Courses		
400-level courses (407, 410–491) [1]		16
300- or 400-level courses		8
Additional Courses		
Sociology courses (any level)		8
Total Credits		**44**

[1] At least 12 of the credits must be taken at the University of Oregon.

General Sociology

Work in sociology begins with Introduction to Sociology (SOC204) or Social Inequality (SOC207), both of which provide an introduction to the discipline. They emphasize how sociology can be applied to contemporary social issues. Students specializing in general sociology move on to courses that provide a more in-depth study of social institutions. Courses on social stratification, social psychology, social change, and sociological theory help to tie these diverse areas together by providing perspectives that are useful in the study of any institutional area. Finally, courses in methodology and statistics provide a tool kit of analytical and research skills that are useful both in sociology courses and in whatever activities the student pursues after graduation.

Concentration Areas

Students can focus upper-division course work in one or more areas of concentration listed below. Concentrations are optional; it is each student's responsibility to plan far enough in advance to complete concentration requirements and to complete the required form in the sociology office. A list of courses to be offered during the academic year is available in the sociology office or peer advising office each fall.

Each concentration requires completion of at least four courses from the respective category with grades of C– or better. Students who successfully complete a concentration receive formal recognition upon graduation. In addition to the courses listed below, approved internships (Internship: [Topic] (SOC404)) and special topics courses (Seminar: [Topic] (SOC407) and Experimental Course: [Topic] (SOC410)) may count toward the completion of the concentration. Information about internships is available in the sociology department office.

Crime and Delinquency

SOC370	Urban Sociology	4
SOC380	Introduction: Deviance, Control, and Crime	4
SOC442	Issues in Urban Sociology: [Topic] (Urbanization and the City)	4
SOC480	Crime and Social Control	4
SOC484	Issues in Deviance, Control, and Crime: [Topic]	4

Culture, Education, and Religion

SOC301	American Society	4
SOC317	Sociology of the Mass Media	4
SOC330	Sociology of the Family	4
SOC461	Sociology of Religion	4
SOC491	Sociology of Education	4

Environment, Population, and Society

SOC301	American Society	4
SOC303	World Population and Social Structure	4
SOC304	Community, Environment, and Society	4
SOC415	Social Demography	4
SOC416	Issues in Sociology of the Environment: [Topic]	4
SOC442	Issues in Urban Sociology: [Topic] (Urbanization and the City)	4
SOC450	Sociology of Developing Areas	4

Family, Gender, and Sexuality

SOC301	American Society	4
SOC330	Sociology of the Family	4
SOC355	Sociology of Gender	4
SOC425	Issues in Sociology of Family: [Topic]	4
SOC447	Issues in Sociology of Organizations: [Topic]	4
SOC451	Social Stratification	4
SOC455	Issues in Sociology of Gender: [Topic]	4
SOC456	Feminist Theory	4
SOC457	Sex and Society	4

International Systems

SOC420	Political Economy	4
SOC446	Issues in Sociology of Work: [Topic]	4
SOC450	Sociology of Developing Areas	4
SOC464	Systems of War and Peace	4
SOC465	Political Sociology	4

Politics and Social Movements

SOC301	American Society	4
SOC313	Social Issues and Movements	4
SOC317	Sociology of the Mass Media	4
SOC420	Political Economy	4
SOC442	Issues in Urban Sociology: [Topic]	4
SOC464	Systems of War and Peace	4
SOC465	Political Sociology	4
SOC475	Marxist Sociological Theory	4

Race, Ethnicity, and Social Change

SOC301	American Society	4
SOC305	America's Peoples	4
SOC345	Race, Class, and Ethnic Groups	4
SOC415	Social Demography	4
SOC445	Sociology of Race Relations	4
SOC451	Social Stratification	4

Social Theory and Methods

SOC412–413	Sociological Research Methods	8
SOC456	Feminist Theory	4
SOC475	Marxist Sociological Theory	4

Work, Labor, and Economy

SOC301	American Society	4
SOC346	Work and Occupations	4
SOC347	Complex Organizations	4
SOC420	Political Economy	4
SOC446	Issues in Sociology of Work: [Topic]	4
SOC447	Issues in Sociology of Organizations: [Topic]	4
SOC451	Social Stratification	4

SOC467	Economic Sociology	4
SOC475	Marxist Sociological Theory	4

Minor Requirements

The minor in sociology complements a major in another discipline. Courses used to satisfy requirements for the minor must be taken for letter grades and passed with grades of C– or better.

- Of the 24 credits required in sociology courses, 12 must be upper division
- 12 credits must be taken in residence at the University of Oregon; 8 of those credits must be upper division
- No more than 16 credits from the sociology minor may be used to complete the requirements of another major or minor

Select one from the following:		4
SOC204	Introduction to Sociology	
SOC207	Social Inequality	
Select one of the following: [1]		4
SOC310	Development of Sociology	
SOC311	Introduction to Social Research	
SOC312	Quantitative Methods in Sociology	
Other sociology courses [2]		16
Total Credits		**24**

1 Students in the minor may take 400-level courses only after completing this requirement. Exceptions may be made by instructor permission.

2 No more than 4 credits in courses numbered 401–406 may be applied to the minor.

Advising

The department maintains an active peer advising program for undergraduate students. Peer advisors keep regular office hours in the advising office, 706 Prince Lucien Campbell Hall. The department's permanent advisor is in 707 Prince Lucien Campbell Hall.

Career Planning

With the help of peer advisors and the departmental advisor, each student should select courses that emphasize experiences most useful for the student's educational and career objectives. Students with specific career plans may also go to the Career Center, 220 Hendricks Hall, for advice about suitable course programs.

When planning a program, students should keep in mind the ways in which concentration areas and major requirements fit with career objectives.

Social Service Professions

Social service professions include social work, work in nonprofit organizations, counseling, community relations, housing, labor relations, and human resources. Sociology majors who want to enter a helping profession should take at least one course each in sociological methodology and social psychology and several courses dealing with social issues and problems. Students may want to complete one of the concentrations listed above in order to focus on a specific group of social issues and problems.

Students may supplement their programs with courses in the psychology and political science departments and in the College of Education. Many of these occupations require graduate or field training. Students can get more detailed information from the Career Center.

Business or Government Service

Business or government organizations typically require general human-relations skills, some awareness of organizations and the surrounding social environment, and an ability to analyze and understand basic social data.

Students interested in business should include in their programs courses in methodology, social psychology, and organizations and occupations. Programs may be supplemented with courses in the Lundquist College of Business and in the Department of Economics.

Students with career goals in governmental service should include courses in community, urban affairs, population, and resources; social psychology; organizations and occupations; and methodology. Related courses in the economics, political science, and planning, public policy and management departments also are useful.

Honors in Sociology

Motivated students may participate in the honors program in sociology. Qualified students work closely with faculty members and fellow honors students on a yearlong project of their own design, and write an honors thesis. The thesis may be based on existing data or data collected by the student.

Students who successfully complete the honors program are awarded honors, high honors, or highest honors based on the evaluation of the quality of their work by their advisors and the honors program advisor.The honors distinction (but not the level) is noted on the student's official transcript and diploma.

Applicants to the honors program must demonstrate a high level of competence and motivation for advanced studies in sociology. A GPA of no less than 3.40 in sociology courses or a nomination by two faculty members is required for admittance, but does not guarantee acceptance. Students selected for the program are notified during spring term of their sophomore or junior year. Application forms are available in the sociology department office or the department's web page. Students also receive an e-mail describing the application process in the spring term.

During fall and winter terms of the senior year, honors students take part in the honors seminar (SOC 407). In fall term, they work closely with the course instructor, the individual thesis advisor, and other students to refine research questions and design. By the end of the term, each student submits a thesis proposal for approval. During winter term, students work with the course instructor and classmates to collect data and begin their analysis. In the spring term, working with their thesis advisors, students complete, publicly present, and submit their theses.

Preparing for Graduate Study

Students planning graduate work in sociology should have a strong background in sociological theory and social research methods well beyond courses required for the major. Besides taking advanced courses in areas of special interest to them, students should take a substantial number of upper-division courses in other social sciences.

Applications to graduate school should be made in fall or winter the year before the student plans to enter a graduate program. Students

considering graduate school should talk to their faculty advisors before their final year of school about programs at various schools, experiences that increase chances for admission, and requirements for students in graduate programs in sociology.

Kindergarten through Secondary Teaching Careers

Students who complete a degree with a major in sociology are eligible to apply to the College of Education's fifth-year program for a license in middle-secondary teaching or the fifth-year program for a license in elementary teaching. Refer early to information in the **College of Education** section of this catalog.

- **Master of Arts**
- **Master of Science**
- **Doctor of Philosophy**

Graduate Studies

The graduate program of the Department of Sociology is intended primarily to lead to the doctor of philosophy (PhD) degree.

Students who seek an advanced degree in sociology should have achieved a grade point average (GPA) of 3.00 or better in their undergraduate work in the social sciences. Admission is not restricted to students with undergraduate majors in sociology, although the chance of admission is considerably reduced for someone without any undergraduate work in sociology.

Many students receive some type of financial assistance. In addition, some graduate students hold part-time teaching or research appointments outside the department. Information for Graduate Students, an online publication available from the department website, describes the graduate program, specifies the materials needed to apply for admission, lists specific course requirements, and includes a list of faculty members and their research interests. Students applying for graduate admission should submit all necessary materials by January 15.

Curriculum

All graduate-level courses taken to meet requirements are taken for letter grades except for the following courses:

SOC601	Research: [Topic]	1-16
SOC603	Dissertation	1-16
SOC605	Reading and Conference: [Topic]	1-16
SOC606	Supervised Field Study: [Topic]	1-16
SOC608	Workshop: [Topic] (Master's Project)	1-16

Master's Curriculum

Students are encouraged to complete their 60 credits for the master's degree in the first six terms of enrollment. Students are awarded a master's degree if they have achieved a mid-B or better average in their graded courses and if they have passed the master's paper requirement.

Doctoral Curriculum

After earning the master's degree, students prepare for a comprehensive examination in a sociological subfield chosen jointly by the student and the advisor.

Upon passing the comprehensive examination, the student is advanced to PhD candidacy and begins work on the doctoral dissertation, which must embody the results of research and show evidence of originality and ability in independent investigation. Early in their graduate work, students should begin defining the general topic to be covered in the dissertation research.

Master of Arts Degree Requirements

Graduate-level sociology courses	60
Master's paper [1]	
Total Credits	**60**

1 The paper must present original empirical research and be stylistically formatted for an existing peer-reviewed journal approved by the student's advisor.

Master of Science Degree Requirements

Graduate-level sociology courses	60
Master's paper [1]	
Total Credits	**60**

1 The paper must present original empirical research and be stylistically formatted for an existing peer-reviewed journal approved by the student's advisor.

Doctor of Philosophy Degree Requirements

Graduate-level sociology courses		75
SOC603	Dissertation	18
Total Credits		**93**

Courses

SOC196. Field Studies: [Topic]. 1-2 Credits.
Repeatable.

SOC198. Workshop: [Topic]. 1-2 Credits.
Repeatable.

SOC199. Special Studies: [Topic]. 1-5 Credits.
Repeatable.

SOC204. Introduction to Sociology. 4 Credits.
The sociological perspective with emphasis on fundamental concepts, theories, and methods of research.

SOC207. Social Inequality. 4 Credits.
Overview of social inequality, cross-culturally and within the United States. Examines relationship of social inequality based on social class, race, and gender to social change, social institutions, and self-identity.

SOC301. American Society. 4 Credits.
Selected aspects of American culture and institutions and the ways in which they are changing.
Prereq: SOC 204 or 207.

SOC303. World Population and Social Structure. 4 Credits.
Introduction to population studies. Comparative analysis of historical, contemporary, and anticipated demographic change. Emphasis on demographic transitions between and within developed and underdeveloped countries.
Prereq: SOC 204 or 207.

SOC304. Community, Environment, and Society. 4 Credits.
Interrelationship of social and environmental factors in human communities, processes of community change, impact of environmental change on human communities.
Prereq: SOC 204 or 207.

SOC305. America's Peoples. 4 Credits.
Examines how the size, composition, and distribution of America's ethnic and racial subpopulations have shaped social structure, social culture, and social change in the United States.
Prereq: SOC 204 or 207.

SOC310. Development of Sociology. 4 Credits.
Analysis of the major writers and ideas that have shaped contemporary sociology. Focus on recurrent concepts and issues that continue to challenge sociological inquiry.
Prereq: SOC 204 or 207.

SOC311. Introduction to Social Research. 4 Credits.
The development of social research; the nature of scientific inquiry and basic methods and techniques; examination of representative sociological studies from the standpoint of methodology.
Prereq: SOC 204 or 207.

SOC312. Quantitative Methods in Sociology. 4 Credits.
Construction and interpretation of tables and graphs, descriptive statistics, measures of association and contingency relationships, basic ideas of probability, and elementary statistical inference applied to nonexperimental research.
Prereq: SOC 204 or 207; MATH 95 or equivalent.

SOC313. Social Issues and Movements. 4 Credits.
Contemporary social issues viewed in relation to the social structure of American society. Social movements and ideologies related to these issues.
Prereq: SOC 204 or 207.

SOC317. Sociology of the Mass Media. 4 Credits.
Analysis of media events: advertisements, news broadcasts, documentaries, popular music, and television. Perspectives include content analysis, semiotics, functionalist and structuralist paradigms, and power system analysis.
Prereq: SOC 204 or 207.

SOC328. Introduction to Social Psychology. 4 Credits.
How the thought, feeling, and behavior of individuals are influenced by the actual, imagined, or implied presence of others.
Prereq: SOC 204 or 207.

SOC330. Sociology of the Family. 4 Credits.
Introduction to and historical perspective of the family as a social institution and small-group association.
Prereq: SOC 204 or 207.

SOC335. Interaction and Social Order. 4 Credits.
Introduction to ethnomethodology, which is the study of methods by which humans order their activities, and conversation analysis, which focuses on methods organizing talk-in-interaction.
Prereq: SOC 204 or 207.

SOC345. Race, Class, and Ethnic Groups. 4 Credits.
Major class, racial, and ethnic groups in the United States with special attention to the culture and experience of minority groups.
Prereq: SOC 204 or 207.

SOC346. Work and Occupations. 4 Credits.
Characteristics of work and occupational careers in modern societies; relationships of those to family, the economy, bureaucracy, technology, and alienation.
Prereq: SOC 204 or 207.

SOC347. Complex Organizations. 4 Credits.
Nature of organizations in modern societies (e.g., specialization, impersonality, formalization, authority, and power); relationship of organizations to work and careers, stratification, democracy, discrimination, and deviance.
Prereq: SOC 204 or 207.

SOC355. Sociology of Gender. 4 Credits.
Position of women in contemporary society; women and work, politics, families, the economy; intersection of gender, race, and class; women's movements.
Prereq: SOC 204 or 207.

SOC370. Urban Sociology. 4 Credits.
Examines the growth of cities; urban inequalities, politics, and social movements; built environment, ecology, and sustainability of cities and identity; global cities and immigration.
Prereq: SOC 204 or 207.

SOC380. Introduction: Deviance, Control, and Crime. 4 Credits.
Origins of rules and laws, patterns of reactions to their violation, emphasis on causal theories of deviance and of crime, data sources for study of crime.
Prereq: SOC 204 or 207.

SOC399. Special Studies: [Topic]. 1-5 Credits.
Repeatable.
Prereq: SOC 204 or 207.

SOC401. Research: [Topic]. 1-21 Credits.
Repeatable.

SOC403. Thesis. 1-12 Credits.
Repeatable.

SOC404. Internship: [Topic]. 1-12 Credits.
Repeatable.

SOC405. Reading and Conference: [Topic]. 1-21 Credits.
Repeatable.

SOC406. Supervised Field Study: [Topic]. 1-21 Credits.
Repeatable.

SOC407. Seminar: [Topic]. 1-5 Credits.
Repeatable. Offerings vary from year to year depending on student needs and faculty interests.
Prereq: SOC 310, 311, 312.

SOC408. Workshop: [Topic]. 1-21 Credits.
Repeatable.

SOC409. Practicum: [Topic]. 1-21 Credits.
Repeatable.

SOC410. Experimental Course: [Topic]. 1-5 Credits.
Repeatable.
Prereq: SOC 310, 311, 312.

SOC412. Sociological Research Methods. 4 Credits.
Descriptive and inferential statistics, including multiple regression.
Prereq: SOC 310, 311, 312.

SOC413. Sociological Research Methods. 4 Credits.
Advanced statistical techniques focusing on generalized linear models.
Prereq: SOC 412.

SOC415. Social Demography. 4 Credits.
Causes and consequences of demographic change in racial or ethnic groups in the United States. Techniques of demographic analysis.
Prereq: SOC 310, 311, 312.

SOC416. Issues in Sociology of the Environment: [Topic]. 4 Credits.
Analysis of selected topics in environmental sociology. Topics include environmental movement, impacts of technological change, environmental policy and the state, environmental values, attitudes, and behaviors. Repeatable twice when topic changes for maximum of 12 credits.
Prereq: SOC 310, 311, 312.

SOC420. Political Economy. 4 Credits.
Survey of the fundamentals of political economy. Readings from Marxian and mainstream traditions introduce contemporary debates on socioeconomic crisis.
Prereq: SOC 310, 311, 312.

SOC425. Issues in Sociology of Family: [Topic]. 4 Credits.
Analysis of selected topics in the sociology of the family. Topics include the sociology of parenthood, feminist perspectives on the family, and the family in cross-cultural perspective. Repeatable twice for a maximum of 12 credits when topic changes.
Prereq: SOC 310, 311, 312.

SOC442. Issues in Urban Sociology: [Topic]. 4 Credits.
Determinants and consequences of urbanization under different conditions; the city as a social and ecological system. Repeatable twice when topic changes for a maximum of 12 credits.
Prereq: SOC 310, 311, 312.

SOC445. Sociology of Race Relations. 4 Credits.
Racial oppression as a structural and ideological feature in American life.
Prereq: SOC 310, 311, 312.

SOC446. Issues in Sociology of Work: [Topic]. 4 Credits.
Selected topics in sociology of work: occupational structures and careers, industrial democracy; technological change and work reform, politics of work. Repeatable twice when topic changes for maximum of 12 credits.
Prereq: SOC 310, 311, 312.

SOC447. Issues in Sociology of Organizations: [Topic]. 4 Credits.
Analysis of selected topics in the sociology of organizations. Topics include industrial sociology, organizational change; organizational democracy; corporate deviance; bureaucracy, power, and society. Repeatable twice when topic changes for maximum of 12 credits.
Prereq: SOC 310, 311, 312.

SOC450. Sociology of Developing Areas. 4 Credits.
Social and economic structures and processes promoting or inhibiting change in the developing nations of Africa, Asia, Latin America. Topics include urbanization, industrialization, cultural change, world poverty, and dependence.
Prereq: SOC 310, 311, 312.

SOC451. Social Stratification. 4 Credits.
The interrelations among class, race, and sex. Historical origins and development of class and class systems including slavery.
Prereq: SOC 310, 311, 312.

SOC452. Issues of Migration: [Topic]. 4 Credits.
Sociological analysis of migration, including dynamics of race and ethnicity, social structure, and social policy. Examines assimilation, marginalization, multiculturalism, postcolonialism, and social cohesion. Repeatable when topic changes. Offered alternate years.
Prereq: SOC 310, 311, 312.

SOC455. Issues in Sociology of Gender: [Topic]. 4 Credits.
Advanced analysis of gender and social relations of power in contemporary society. Variable topics include Women and Health; Violence against Women. Repeatable twice when topic changes for maximum of 12 credits.
Prereq: SOC 310, 311, 312.

SOC456. Feminist Theory. 4 Credits.
Examines major sociological theories that elucidate the position of women and gender as part of the configuration of social relations of power in contemporary societies.
Prereq: SOC 310, 311, 312.

SOC457. Sex and Society. 4 Credits.
Examines alternative sociological perspectives on sexual behavior, the social construction and regulation of sexuality, contemporary social and political issues pertaining to sexuality.
Prereq: SOC 310, 311, 312.

SOC461. Sociology of Religion. 4 Credits.
Sociological analysis of religious belief and behavior; special attention to the relation between religious institutions and the larger societies of which they are a part.
Prereq: SOC 310, 311, 312.

SOC464. Systems of War and Peace. 4 Credits.
Violence and nonviolence as functions of social structures and as instruments of social change. Systems of international threat, their supporting institutions, and the ideology of nationalism.
Prereq: SOC 310, 311, 312.

SOC465. Political Sociology. 4 Credits.
Analysis of political theory and behavior, social bases of power and policy determination, institutional interrelationships, intellectuals and ideologies, political trends and change, political participation and membership.
Prereq: SOC 310, 311, 312.

SOC467. Economic Sociology. 4 Credits.
Applies the sociological perspective to basic economic phenomena such as markets, exchange, prices, money and rationality.
Prereq: SOC 310, 311, 312.

SOC475. Marxist Sociological Theory. 4 Credits.
Basic concepts, theory, and social analysis in the works of Marx and Engels. Topics include dialectical and historical materialism, class, historical development, political economy, and imperialism.
Prereq: SOC 310, 311, 312.

SOC480. Crime and Social Control. 4 Credits.
Emphasizes definitions of crimes, major substantive areas of crime, and control policies in the United States.
Prereq: SOC 310, 311, 312.

SOC484. Issues in Deviance, Control, and Crime: [Topic]. 4 Credits.
Topics vary. Examples are modern policing, juvenile delinquency, correction, emerging forms of social control. Repeatable twice when topic changes for maximum of 12 credits.
Prereq: SOC 310, 311, 312.

SOC491. Sociology of Education. 4 Credits.
The relationship between education and other social institutions, the school and the community, the school as a social system, social change and education.
Prereq: SOC 310, 311, 312.

SOC503. Thesis. 1-16 Credits.
Repeatable.

SOC507. Seminar: [Topic]. 1-5 Credits.
Repeatable. Offerings vary from year to year depending on student needs and faculty interests.

SOC508. Workshop: [Topic]. 1-21 Credits.
Repeatable.

SOC510. Experimental Course: [Topic]. 1-5 Credits.
Repeatable.

SOC512. Sociological Research Methods. 4 Credits.
Descriptive and inferential statistics, including multiple regression.

SOC513. Sociological Research Methods. 4 Credits.
Advanced statistical techniques focusing on generalized linear models. Prereq: SOC 4/512.

SOC515. Social Demography. 4 Credits.
Causes and consequences of demographic change in racial or ethnic groups in the United States. Techniques of demographic analysis.

SOC516. Issues in Sociology of the Environment: [Topic]. 4 Credits.
Analysis of selected topics in environmental sociology. Topics include environmental movement, impacts of technological change, environmental policy and the state, environmental values, attitudes, and behaviors. Repeatable twice when topic changes for maximum of 12 credits.

SOC520. Political Economy. 4 Credits.
Survey of the fundamentals of political economy. Readings from Marxian and mainstream traditions introduce contemporary debates on socioeconomic crisis.

SOC525. Issues in Sociology of Family: [Topic]. 4 Credits.
Analysis of selected topics in the sociology of the family. Topics include the sociology of parenthood, feminist perspectives on the family, and the family in cross-cultural perspective. Repeatable twice for a maximum of 12 credits when topic changes.

SOC542. Issues in Urban Sociology: [Topic]. 4 Credits.
Determinants and consequences of urbanization under different conditions; the city as a social and ecological system. Repeatable twice when topic changes for a maximum of 12 credits.

SOC545. Sociology of Race Relations. 4 Credits.
Racial oppression as a structural and ideological feature in American life.

SOC546. Issues in Sociology of Work: [Topic]. 4 Credits.
Selected topics in sociology of work: occupational structures and careers, industrial democracy; technological change and work reform, politics of work. Repeatable twice when topic changes for maximum of 12 credits.

SOC547. Issues in Sociology of Organizations: [Topic]. 4 Credits.
Analysis of selected topics in the sociology of organizations. Topics include industrial sociology, organizational change; organizational democracy; corporate deviance; bureaucracy, power, and society. Repeatable twice when topic changes for maximum of 12 credits.

SOC550. Sociology of Developing Areas. 4 Credits.
Social and economic structures and processes promoting or inhibiting change in the developing nations of Africa, Asia, Latin America. Topics include urbanization, industrialization, cultural change, world poverty, and dependence.

SOC551. Social Stratification. 4 Credits.
The interrelations among class, race, and sex. Historical origins and development of class and class systems including slavery.

SOC552. Issues of Migration: [Topic]. 4 Credits.
Sociological analysis of migration, including dynamics of race and ethnicity, social structure, and social policy. Examines assimilation, marginalization, multiculturalism, postcolonialism, and social cohesion. Repeatable when topic changes. Offered alternate years.

SOC555. Issues in Sociology of Gender: [Topic]. 4 Credits.
Advanced analysis of gender and social relations of power in contemporary society. Variable topics include Women and Health; Violence against Women. Repeatable twice when topic changes for maximum of 12 credits.

SOC556. Feminist Theory. 4 Credits.
Examines major sociological theories that elucidate the position of women and gender as part of the configuration of social relations of power in contemporary societies.
Prereq: SOC 4/555.

SOC557. Sex and Society. 4 Credits.
Examines alternative sociological perspectives on sexual behavior, the social construction and regulation of sexuality, contemporary social and political issues pertaining to sexuality.

SOC561. Sociology of Religion. 4 Credits.
Sociological analysis of religious belief and behavior; special attention to the relation between religious institutions and the larger societies of which they are a part.

SOC564. Systems of War and Peace. 4 Credits.
Violence and nonviolence as functions of social structures and as instruments of social change. Systems of international threat, their supporting institutions, and the ideology of nationalism.

SOC565. Political Sociology. 4 Credits.
Analysis of political theory and behavior, social bases of power and policy determination, institutional interrelationships, intellectuals and ideologies, political trends and change, political participation and membership.

SOC567. Economic Sociology. 4 Credits.
Applies the sociological perspective to basic economic phenomena such as markets, exchange, prices, money and rationality.

SOC575. Marxist Sociological Theory. 4 Credits.
Basic concepts, theory, and social analysis in the works of Marx and Engels. Topics include dialectical and historical materialism, class, historical development, political economy, and imperialism.

SOC580. Crime and Social Control. 4 Credits.
Emphasizes definitions of crimes, major substantive areas of crime, and control policies in the United States.

SOC584. Issues in Deviance, Control, and Crime: [Topic]. 4 Credits.
Topics vary. Examples are modern policing, juvenile delinquency, correction, emerging forms of social control. Repeatable twice when topic changes for maximum of 12 credits.

SOC591. Sociology of Education. 4 Credits.
The relationship between education and other social institutions, the school and the community, the school as a social system, social change and education.

SOC601. Research: [Topic]. 1-16 Credits.
Repeatable.

SOC602. Supervised College Teaching. 1-5 Credits.
Repeatable.

SOC603. Dissertation. 1-16 Credits.
Repeatable.

SOC604. Internship: [Topic]. 1-6 Credits.
Repeatable.

SOC605. Reading and Conference: [Topic]. 1-16 Credits.
Repeatable.

SOC606. Supervised Field Study: [Topic]. 1-16 Credits.
Repeatable.

SOC607. Seminar: [Topic]. 1-5 Credits.
Repeatable. Proseminar required for all incoming Sociology graduate students. Professional socialization and preparation for the discipline.

SOC608. Workshop: [Topic]. 1-16 Credits.
Repeatable. A current topic is Master's Project.

SOC609. Practicum: [Topic]. 1-3 Credits.
Repeatable.

SOC610. Experimental Course: [Topic]. 1-5 Credits.
Repeatable.

SOC612. Overview of Sociological Methods. 5 Credits.
Examines the research process--framing research questions, qualitative and quantitative design, relationships between methods and theory, deductive and inductive investigation logic, research ethics, sampling procedures, explanatory power.

SOC613. Advanced Sociological Methods: [Topic]. 5 Credits.
Major methodological topics such as comparative, demographic, experimental, field, historical, and survey methods. Other possible topics include time-series analysis. Repeatable twice when topic changes for maximum of 15 credits.
Prereq: SOC 612 or equivalent.

SOC615. Advanced Sociological Theory: [Topic]. 5 Credits.
Major sociological theories such as modern functionalism, contemporary Marxism, phenomenology, postmodernism, feminist and organizational theory. Repeatable twice when topic changes for maximum of 15 credits.

SOC616. Environment and Resource Issues: [Topic]. 5 Credits.
Explores issues of environmental sociology and resource policy, including ecological crisis; environmental justice as it pertains to race, gender, class, and international inequality. Repeatable twice when topic changes for maximum of 15 credits.

SOC617. Sociological Theory I. 5 Credits.
Sociological theories of the 19th century (especially Marx, Weber, and Durkheim) and 20th century (e.g., modern functionalism, feminist, neo-Marxism, neo-Weberian, poststructuralist theories).

SOC618. Sociological Theory II. 5 Credits.
Major themes and historical foundation of contemporary sociological theory.
Prereq: SOC 617.

SOC621. Teaching in the Social Sciences. 4 Credits.
Prepares graduate students to teach their own classes. Covers pedagogy and develops practical skills. Offered alternate years.

SOC644. Race and Ethnicity Issues: [Topic]. 5 Credits.
Explores current reseach and theoretical debates, such as Chicano-Chicana and Latino-Latina studies, in the sociology of race and ethnicity. Repeatable twice when topic changes for maximum of 15 credits.

SOC646. Work and Organization Issues: [Topic]. 5 Credits.
Examples of issues explored include power in organizations; changing patterns of employment and work; industrial democracy; and race, class and gender. Repeatable twice when topic changes for maximum of 15 credits.

SOC656. Issues in Sociology of Gender: [Topic]. 5 Credits.
Examines sociological theories of gender, focusing on a particular substantive area such as health, work, family, or sexuality. Explores gender in relation to race, ethnicity, and class. Repeatable twice when topic changes for maximum of 15 credits.

SOC664. Political and Economic Sociology Issues: [Topic]. 5 Credits.
Examines the relationship between economic institutions and political processes. Sample topics include theories of modern capitalism, corporations and the state, development and underdevelopment, war and peace. Repeatable twice when topic changes for maximum of 15 credits.

Southeast Asian Studies

William S. Ayres, Associate Director
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5206 University of Oregon
Eugene, Oregon 97403-5206
ast@uoregon.edu

The University of Oregon offers students an opportunity to pursue interdisciplinary studies on Southeast Asia. Specialists from across the university acquaint students with recent research on such topics as women, health, healing, and nutrition in Thailand and Indonesia; the archaeology of Thailand and Malaysia; education and development in Vietnam, Laos, and Thailand; regional transnationalisms; and indigenous minority communities and cultures throughout the region. Individualized and self-instructional study of Southeast Asian languages can be arranged through the Yamada Language Center.

Important resources include Southeast Asian library collections, the Center for Asian and Pacific Studies, and the Office of International Affairs. The university also belongs to the Northwest Consortium for Southeast Asian Studies, which sponsors conferences, workshops, outreach, study abroad opportunities, internships, fellowships, student and faculty exchange, and cooperation between libraries.

Southeast Asian studies is a track in the Asian Studies Program. Undergraduates may pursue a minor in Southeast Asian studies in conjunction with majors in most departments (e.g., anthropology, history), as a concentration in international studies, or as the basis for a BA in Asian studies. See the **Asian Studies** (p. 73) section of this catalog for requirements and curriculum offerings.

Statistics

The University of Oregon does not have a formal department of statistics. However, a variety of courses are either exclusively or primarily about statistics. Over the past several decades, statistical techniques have become a primary tool of empirical research. As such, a variety of functional areas and disciplines teach applied statistical techniques. This is particularly true at the graduate level, where research plays an important role.

Degrees

The Department of Mathematics in the College of Arts and Sciences offers both undergraduate and graduate degrees with options that allow a specialty in statistics. Interested students should address inquiries about specific requirements to that department.

Statistics Courses

Students and advisors should be aware that, within any given area, two or more courses offered by different departments may contain such similar content that a student may not be granted credit toward graduation for more than one of the courses.

Theater Arts

John Schmor, Department Head
541-346-4145
541-346-1978 fax
216 Villard Hall
1231 University of Oregon
Eugene, Oregon 97403-1231

About the Department

The Department of Theater Arts offers major curricula leading to the bachelor of arts (BA), bachelor of science (BS), master of arts (MA), master of science (MS), master of fine arts (MFA) with a specialization in design, and doctor of philosophy (PhD) degrees. Courses in theater arts are available for students majoring in other disciplines who want to develop their communication skills and their ability to appreciate and evaluate what they see and hear.

The theater arts department offers a cross-disciplinary and liberal-arts education. Preprofessional courses provide vocational competence in teaching and in some aspects of commercial theater. Some students seek careers in commercial, educational, and community theaters as designers, actors, technicians, stage managers, or theater managers. Many continue specialized training in MFA degree programs or nondegree professional training schools. Some students use their liberal-arts background to pursue vocational opportunities that require advanced skills in communication and organization.

Students may gain practical experience in theater studies through University Theatre productions and other opportunities.

Theaters

The newly renovated Robinson Theatre has a proscenium stage and seats 300 people. The new James F. Miller Theatre Complex includes the Hope Theatre, a "black box" arena theater seating 100–150 people, a lobby serving both theaters, a costume shop, and an expanded scene shop. The Pocket Playhouse, in Villard Hall, is a small proscenium stage and seats 75 people.

Technical Facilities

The scene shop is well equipped with power tools for wood and metal fabrication. Lighting equipment includes computerized controls and up-to-date instruments. The costume shop has power sewing and serging machines and a laundry and crafts area. Students are encouraged to sign up for production workshop classes or to practice their crafts as volunteers. Those who qualify for work-study financial aid are hired to assist in the shops. The shops are open every day.

Pocket Playhouse

Pocket Playhouse is the site for a series of productions presented by an elected student board. Student directors may propose plays and the board makes selections by lottery.

University Theatre

The department's season is composed of productions in two venues: the Robinson Theatre and the new Hope Theatre. Faculty members and graduate students direct and design as many as six shows a year. Auditions are open to UO students, and admission for UO students is free.

Faculty

Alexandra Bonds, professor (costume designer). BS, 1972, Syracuse; MA, 1974, Denver. (1979)

Bradley Branam, assistant professor (technical direction, media design). BA, 2000, Luther College; MFA, 2009, Missouri, Kansas City. (2012)

La Donna Forsgren, assistant professor (African American theater, Black feminist theories and drama, playwriting). BA, 2002, Western Oregon; MA, 2005, Brigham Young; PhD, 2012, Northwestern. (2011)

Joseph Gilg, instructor (acting, directing). BA, 1969, St. Benedict's College (Kansas); MA, 1975, MFA, 1986, Oregon. (1992)

Jerry Hooker, associate professor (scene designer). BA, 1978, Puget Sound; MFA, 1985, Utah State. (2001)

Theresa May, assistant professor (dramatic literature, acting). BA, 1980, California, Irvine; MFA, 1983, Southern California; PhD, 2000, Washington (Seattle). (2007)

Michael Malek Najjar, assistant professor (Arab American theater and performance, playwriting, performance theory). BA, 1993, New Mexico; MFA, 1999, York; PhD, 2011, California, Los Angeles. (2011)

Janet Rose, senior instructor (technical director, lighting designer). BFA, 1977, Florida Atlantic; MFA, 1979, Ohio. (1987)

John Schmor, associate professor (theory, history, acting). BA, 1984, Willamette; MA, 1989, PhD, 1991, Oregon. (1999)

Emeriti

Robert Barton, professor emeritus. BA, 1967, Western Michigan; MA, 1968, PhD, 1977, Bowling Green State. (1980)

Faber B. DeChaine, professor emeritus. BS, 1952, Oregon; MA, 1953, Michigan State; PhD, 1963, Minnesota. (1964)

Grant F. McKernie, professor emeritus. BA, 1964, Northwestern; MA, 1965, PhD, 1972, Ohio State. (1979)

John C. Watson, associate professor emeritus. BA, 1964, Lewis and Clark; PhD, 1987, Oregon. (1987)

Jerry R. Williams, professor emeritus. BFA, 1964, Carnegie-Mellon; MA, 1965, Washington (Seattle). (1973)

The date in parentheses at the end of each entry is the first year on the University of Oregon faculty.

- **Bachelor of Arts**
- **Bachelor of Science**
- **Minor**

Undergraduate Studies

For its undergraduate major program, the Department of Theater Arts has three principal objectives:

1. The attainment, by all of its majors, of a broad liberal arts education
2. Sufficient instruction to provide an appreciation of the different areas of theater
3. Direct experience in several aspects of theater production

Students study acting, directing, design, costume, lighting, stagecraft, history, dramatic literature, and theory. Courses in these fields are available to both majors and nonmajors.

In addition to the BA or BS degree requirements of the university, the following requirements are specified for students with a major in theater arts:

Bachelor of Arts Degree Requirements

TA210	Introduction to Design	4
TA211–212	Theater Production I-II	8
TA250	Acting I	4
TA271	Introduction to Theater Arts	4
TA364	Play Direction	4
TA367–369	History of the Theater I-III	12
TA470	Majors Seminar	4
Three of the following:		9
TA321	Scenery Production	
TA322	Costume Production	
TA323	Lighting Production	
TA324	Production	
Three upper-division courses in acting, directing, design, technical production, or playwriting		12
Three upper-division courses in history, literature, criticism, or dramaturgy [1]		12
Total Credits		**73**

1 With the consent of an advisor, a student may substitute a course in another department for one of these courses, selected from a list approved by the theater arts faculty.

Bachelor of Science Degree Requirements

TA210	Introduction to Design	4
TA211–212	Theater Production I-II	8
TA250	Acting I	4
TA271	Introduction to Theater Arts	4
TA364	Play Direction	4
TA367–369	History of the Theater I-III	12
TA470	Majors Seminar	4
Three of the following:		9
TA321	Scenery Production	
TA322	Costume Production	
TA323	Lighting Production	
TA324	Production	
Three upper-division courses in acting, directing, design, technical production, or playwriting		12
Three upper-division courses in history, literature, criticism, or dramaturgy [1]		12
Total Credits		**73**

1 With the consent of an advisor, a student may substitute a course in another department for one of these courses, selected from a list approved by the theater arts faculty.

Grading Options

Some courses in theater arts are offered pass/no pass (P/N) only. Work counts toward fulfillment of the 180-credit requirement for a BA or BS only if satisfactorily completed.

Transfer Students

Transfer students must complete six 4-credit, upper-division courses and two of the production courses listed in the course list in residence at the University of Oregon.

Honors in Theater Arts

At the end of each academic year, the department's faculty selects certain graduating seniors and confers on them departmental honors. Criteria include academic performance as well as the quality of participation in the production program.

Minor Requirements

Theater arts courses [1]	8
Upper-division theater arts courses [1]	16
Total Credits	**24**

1 At least 16 credits must be taken at the university. One course in each of the following areas must be included: literature and criticism, performance, technical theater, and theater history.

Course work for the minor must be completed with letter grades of mid-C or better.

- **Master of Arts**
- **Master of Science**
- **Master of Fine Arts**
- **Doctor of Philosophy**

Graduate Studies

The department offers graduate work leading to the MA, MFA, and PhD degrees. Students entering the master's degree program should have an undergraduate major in theater arts or the equivalent, while students entering the doctoral program should have completed a master's degree in theater arts or the equivalent.

Each graduate student is expected to show ability in both academic and production areas. During residence at the university, a student is expected to make a significant contribution in three areas out of the following seven: acting, directing, technical theater, management, playwriting, teaching, and design.

Master of Arts Degree Requirements

Graduate courses in theater arts		29
TA607	Seminar: [Topic] [1]	16
Total Credits		**45**

1 Course topic changes every term. MA requires at least 16 credits (four seminars).

Additional Requirements

Students are required to write a thesis and pass an oral examination.

Candidates for an MA degree in theater arts must demonstrate their ability to read a second language.

Master of Science Degree Requirements

Graduate courses in theater arts		29
TA607	Seminar: [Topic] [1]	16
Total Credits		**45**

1 Course topic changes every term. MA requires at least 16 credits (four seminars).

Additional Requirements

Students are required to write a thesis and pass an oral examination.

Master of Fine Arts Degree Requirements

Graduate courses in theater arts		38
TA607	Seminar: [Topic]	16
Total Credits		**54**

Additional Requirements

Terminal artistic projects are completed typically after students complete course work.

An oral evaluation and review of the project is held following completion of the project performance. A written report on the project, previewed by the candidate's report committee, follows the review.

Specialization

Areas of specialization are set design, lighting design, and costume design.

Course work is substantially completed during the first two years.

The MFA program typically takes three years to complete.

Doctor of Philosophy Degree Requirements

PhD candidates are expected to complete 60 to 90 credits in history, theory, and literature of the theater after obtaining a master's degree.

Students seeking the PhD degree must acquire two research tools, one of which must be the knowledge of a second language. The other may be a third language or 9 credits of graduate-level study outside the department in a field related to the student's research intent.

Most theater arts students take approximately 130 credits beyond the bachelor's degree. After candidates have completed most of their course work, they write a qualifying examination and take an oral examination. The qualifying examination committee may require that all or part of the examination be retaken with or without additional courses. Students who fail to pass this examination by the second try may not remain in the theater arts PhD program. A dissertation with an oral defense is required. The dissertation must be completed within three years after the student is advanced to candidacy, which happens after passing the comprehensive examination.

For additional requirements and information, contact the graduate coordinator.

Courses

TA121. Scenery and Lighting Laboratory. 1-2 Credits.
Building and painting scenery, hanging lights for productions. Repeatable thrice for maximum of 8 credits.

TA122. Costume Laboratory. 1-2 Credits.
Building costumes for productions. Repeatable thrice for maximum of 8 credits.

TA124. Production. 1-2 Credits.
Working backstage for productions. Repeatable thrice for maximum of 8 credits.

TA196. Field Studies: [Topic]. 1-2 Credits.
Repeatable.

TA198. Workshop: [Topic]. 1-2 Credits.
Repeatable.

TA199. Special Studies: [Topic]. 1-5 Credits.
Repeatable. Freshman seminars.

TA210. Introduction to Design. 4 Credits.
Introduction to the principles of design as applied to the arts of theater design, scenery, costumes, and lighting. Creative projects to develop concepts of visual imagery. Includes laboratory.

TA211. Theater Production I. 4 Credits.
Introduction to the mechanics of mounting a theatrical production including basic construction of scenery and props and use of lighting equipment. Includes laboratory.

TA212. Theater Production II. 4 Credits.
Introduction to costumes and makeup. Costume construction includes basic hand and machine sewing techniques. Beginning makeup covers ingenue, beards, wounds, and fantasy. Includes laboratory.

TA250. Acting I. 4 Credits.
Principles of warm-ups, individual inventory, Stanislavski system, character analysis, and rehearsal procedure.

TA251. Acting II. 4 Credits.
Continuation of performance principles for contemporary realistic theater with addition of dramaturgical scene study.

TA252. Acting III. 4 Credits.
Development of improvisational skills while establishing a working file of monologue material.

TA271. Introduction to Theater Arts. 4 Credits.
Play and script structure, contemporary aesthetic attitudes, and the value of theater arts to society and the individual.

TA321. Scenery Production. 1-3 Credits.
Production or performance crew head for scenery. Repeatable thrice for maximum of 12 credits.
Prereq: TA 211

TA322. Costume Production. 1-3 Credits.
Production or performance crew head for costumes. Repeatable thrice for maximum of 12 credits.
Prereq: TA 212

TA323. Lighting Production. 1-3 Credits.
Production or performance crew head for lighting. Repeatable thrice for maximum of 12 credits.
Prereq: TA 211

TA324. Production. 1-3 Credits.
Stage manager, assistant director, or dramaturgy position. Repeatable thrice for maximum of 12 credits.

TA325. Performance. 1-3 Credits.
Preparation, rehearsal, and performance of an acting role. Repeatable thrice for maximum of 12 credits.

TA364. Play Direction. 4 Credits.
Sources of dramatic material, choice of plays, casting and rehearsal of players, production organization.

TA367. History of the Theater I. 4 Credits.
Development of the theater from its origins to the present. Emphasizes the history of dramatic literature, criticism, theater architecture, design, and performance.

TA368. History of the Theater II. 4 Credits.
Development of the theater from its origins to the present. Emphasizes the history of dramatic literature, criticism, theater architecture, design, and performance.

TA369. History of the Theater III. 4 Credits.
Development of the theater from its origins to the present. Emphasizes the history of dramatic literature, criticism, theater architecture, design, and performance.

TA399. Special Studies: [Topic]. 1-5 Credits.
Repeatable.

TA401. Research: [Topic]. 1-21 Credits.
Repeatable.

TA405. Reading and Conference: [Topic]. 1-21 Credits.
Repeatable.

TA406. Field Studies: [Topic]. 1-21 Credits.
Repeatable.

TA407. Seminar: [Topic]. 1-5 Credits.
Repeatable.

TA408. Workshop: [Topic]. 1-21 Credits.
Repeatable.

TA409. Practicum: [Topic]. 1-3 Credits.
Repeatable thrice for maximum of 12 credits.

TA410. Experimental Course: [Topic]. 1-4 Credits.
Repeatable.

TA411. Costume History I. 4 Credits.
History of Western clothing in cultural context. Egyptian to Renaissance.

TA412. Costume History II. 4 Credits.
History of Western clothing in cultural context. Mid-Renaissance to romanticism.

TA413. Costume History III. 4 Credits.
History of Western clothing in cultural context. Victorian to the present.

TA416. Costume Design. 4 Credits.
Beginning design concepts and various artistic media as applicable to costume design and rendering techniques.
Prereq: TA 210.

TA417. Advanced Costume Design. 4 Credits.
Analysis and interpretation of scripts for costume design. Continuation of development of rendering techniques.
Prereq: TA 416.

TA418. Costume Pattern Drafting. 4 Credits.
Designing patterns through flat patterning and draping techniques. Practical experience in pattern development and execution.
Prereq: TA 212.

TA419. Costume Construction. 4 Credits.
Practical problems encountered in building and decorating costumes for the stage.
Prereq: TA 212.

TA420. Return and Review for Actors. 1 Credit.
Review foundational concepts and technique by participating, demonstrating, and coaching in Acting I or II. Repeatable for Acting I (TA 250) only once; for Acting II (TA 251) only once.
Prereq: TA 250, 251, 252. Coreq: TA 409.

TA441. Scene Design: Single Set. 4 Credits.
Elements of scene design; the scene designer's role. Creating a ground plan, measured perspective techniques, elevations, design styles. Design process and procedures related to the proscenium stage only.
Prereq: TA 210.

TA445. Advanced Projects in Theater Technology: [Topic]. 4 Credits.
Specialized areas of theater technology, one topic per term. Topics include scene painting, stage management, props, and computer drafting. Repeatable seven times when topic changes for maximum of 32 credits.

TA452. Advanced Acting: [Topic]. 4 Credits.
Topics in the performance of a specific genre or authors, or in specific performance technique, including voice, movement, and musical skills. Repeatable when topic changes.
Prereq: TA 252, 271; one from TA 210, 211, 212.

TA465. Playwriting. 4 Credits.
Laboratory seminar focused on active and intensive development of new skills and aims in writing for live performance. Offered alternate years.
Prereq: junior standing.

TA467. Lighting for the Stage. 4 Credits.
Designing lighting for the stage; technical and aesthetic problems.
Prereq: TA 211.

TA470. Majors Seminar. 4 Credits.
Capstone seminar for junior theater majors; readings and research in new theater trends, aesthetics, professional and higher academic opportunities.

TA471. Studies in Theater and Culture: [Topic]. 4 Credits.
Dramatic literature and historical cultural concepts. Establishes a cultural context for periods of drama, using arts materials and socioeconomic factors to clarify aesthetic attitudes and practices of theater. Repeatable thrice when topic changes for maximum of 16 credits.

TA472. Multicultural Theater: [Topic]. 4 Credits.
Origins and development of contributions in theater and drama by various cultures including Latino, Chicano, African American, Asian American, and Native American. Repeatable four times when topic changes for maximum of 20 credits.

TA474. Themes in Dramatic Literature: [Topic]. 4 Credits.
The intents, uses, and effects of dramatic literature with special regard for theatrical production and audience reception. Repeatable thrice when topic changes for maximum of 16 credits.

TA503. Thesis. 1-16 Credits.
Repeatable.

TA507. Seminar: [Topic]. 1-5 Credits.
Repeatable.

TA508. Workshop: [Topic]. 1-21 Credits.
Repeatable.

TA510. Experimental Course: [Topic]. 1-4 Credits.
Repeatable.

TA511. Costume History I. 4 Credits.
History of Western clothing in cultural context. Egyptian to Renaissance.

TA512. Costume History II. 4 Credits.
History of Western clothing in cultural context. Mid-Renaissance to romanticism.

TA513. Costume History III. 4 Credits.
History of Western clothing in cultural context. Victorian to the present.

TA516. Costume Design. 4 Credits.
Beginning design concepts and various artistic media as applicable to costume design and rendering techniques.

TA517. Advanced Costume Design. 4 Credits.
Analysis and interpretation of scripts for costume design. Continuation of development of rendering techniques.
Prereq: TA 416/516.

TA518. Costume Pattern Drafting. 4 Credits.
Designing patterns through flat patterning and draping techniques. Practical experience in pattern development and execution.

TA519. Costume Construction. 4 Credits.
Practical problems encountered in building and decorating costumes for the stage.

TA541. Scene Design: Single Set. 4 Credits.
Elements of scene design; the scene designer's role. Creating a ground plan, measured perspective techniques, elevations, design styles. Design process and procedures related to the proscenium stage only.

TA545. Advanced Projects in Theater Technology: [Topic]. 4 Credits.
Specialized areas of theater technology, one topic per term. Topics include scene painting, stage management, props, and computer drafting. Repeatable seven times when topic changes for maximum of 32 credits.

TA552. Advanced Acting: [Topic]. 4 Credits.
Topics in the performance of a specific genre or authors, or in specific performance technique, including voice, movement, and musical skills. Repeatable when topic changes.

TA567. Lighting for the Stage. 4 Credits.
Designing lighting for the stage; technical and aesthetic problems.

TA571. Studies in Theater and Culture: [Topic]. 4 Credits.
Dramatic literature and historical cultural concepts. Establishes a cultural context for periods of drama, using arts materials and socioeconomic factors to clarify aesthetic attitudes and practices of theater. Repeatable thrice when topic changes for maximum of 16 credits.

TA572. Multicultural Theater: [Topic]. 4 Credits.
Origins and development of contributions in theater and drama by various cultures including Latino, Chicano, African American, Asian American, and Native American. Repeatable four times when topic changes for maximum of 20 credits.

TA574. Themes in Dramatic Literature: [Topic]. 4 Credits.
The intents, uses, and effects of dramatic literature with special regard for theatrical production and audience reception. Repeatable thrice when topic changes for maximum of 16 credits.

TA601. Research: [Topic]. 1-16 Credits.
Repeatable.

TA602. Supervised College Teaching. 1-16 Credits.
Repeatable.

TA603. Dissertation. 1-16 Credits.
Repeatable.

TA605. Reading and Conference: [Topic]. 1-16 Credits.
Repeatable.

TA606. Field Studies: [Topic]. 1-16 Credits.
Repeatable.

TA607. Seminar: [Topic]. 1-5 Credits.
Repeatable.

TA608. Workshop: [Topic]. 1-16 Credits.
Repeatable.

TA609. Practicum: [Topic]. 1-3 Credits.
Rehearsal and Performance is a current topic. Repeatable five times for a maximum of 18 credits.

TA610. Experimental Course: [Topic]. 1-5 Credits.
Repeatable.

TA651. Theory of Dramatic Production. 4 Credits.
Theory of acting.

Women's and Gender Studies

Elizabeth Reis, Department Head
541-346-5529
541-346-0652 fax
315 Hendricks Hall
1298 University of Oregon
Eugene, Oregon 97403-1298
wgs@uoregon.edu

The Department of Women’s and Gender Studies offers students an interdisciplinary curriculum that focuses on the diverse experiences of women and the structures of power in both national and international contexts. The department also examines the meaning of gender as a socially constructed category that shapes personal identities, beliefs, opportunities, and behaviors. Courses explore the intersections of gender, race, class, and sexuality; the institutional structures that have an impact on people's lives; and the broad range of feminist theory that seeks to explain and influence women's status in society.

The department is administered by a committee of faculty members appointed by the dean of the College of Arts and Sciences. The department is interdisciplinary, and courses are taught in many areas of study: anthropology, architecture, arts and administration, education, English, ethnic studies, history, international studies, journalism,

literature, philosophy, public policy and management, political science, psychology, and sociology, among others.

Any student may take women's and gender studies courses. Some students take a few courses to complement the curriculum in another major. Others choose to fulfill the requirements for a major in women's and gender studies or a minor in women's and gender studies or in queer studies.

Most women's and gender studies courses satisfy group and multicultural requirements. For courses approved to fulfill these requirements, see the current list on the registrar's website.

Faculty

Oluwakemi Balogun, assistant professor (globalization, nationalism, African studies). BA, Pomona College, 2003; PhD, California, Berkeley, 2012. (2013)

Yvonne A. Braun, associate professor (gender and development, political ecology, social inequality). BA, 1994, State University of New York, Geneseo; MA, 2000, PhD, 2005, California, Irvine. (2005)

Lynn H. Fujiwara, associate professor (women of color; labor, family, citizenship, and welfare; third-world feminist theory). BA, 1990, California, San Diego; MA, 1993, PhD, 1999, California, Santa Cruz. (2000)

Ernesto J. Martínez, associate professor (comparative ethnic literature; U.S. Latino literature; literary theory). BA, 1998, Stanford; MA, 2003, PhD, 2005, Cornell. (2006)

Judith Raiskin, associate professor (postcolonial literature, feminist theory, sexuality). BA, 1979, California, Berkeley; MA, 1981, Chicago; PhD, 1989, Stanford. (1995)

Elizabeth Reis, professor (U.S. women's history, history of sexuality, women and religion). AB, 1980, Smith; MA, 1982, Brown; PhD, 1991, California, Berkeley. (2002)

Carol Stabile, professor (gender, race, and class in the media). AB, 1983, Mount Holyoke College; MA, 1985, PhD, 1992, Brown. (2008)

Stephanie "Lani" Teves, assistant professor (indigenous feminisms, native studies, performance studies). BA, 2002, MA, 2005, Hawaii, Hilo; PhD, 2012, Michigan, Ann Arbor. (2014)

Emerita

Barbara Corrado Pope, professor emerita. BA, 1964, Hiram; MA, 1966, Iowa; PhD, 1981, Columbia. (1976)

Linda O. Fuller, professor emerita. BA, 1966, MA, 1977, PhD, 1985, California, Berkeley. (1989)

The date in parentheses at the end of each entry is the first year on the University of Oregon faculty.

Participating

Joan R. Acker, sociology

Laura J. Alpert, art

Barbara K. Altmann, Romance languages

Susan C. Anderson, German and Scandinavian

Monique Balbuena, honors college

Judith R. Baskin, Judaic studies

Diane B. Baxter, anthropology

Erin Beck, political science

Aletta Biersack, anthropology

Louise M. Bishop, honors college

Elizabeth A. Bohls, English

Sara N. Brownmiller, library

Krista Chronister, counseling psychology and human services

Suzanne Clark, English

Jane K. Cramer, political science

Dianne M. Dugaw, English

Maram Epstein, East Asian languages and literatures

Caroline Forell, law

Linda M. Forrest, counseling psychology and human services

Lisa Freinkel, English

Jennifer J. Freyd, psychology

Alison Gash, political science

Lisa M. Gilman, English

Amalia Gladhart, Romance languages

Marion Sherman Goldman, sociology

Bryna Goodman, history

Sangita Gopal, English

Deborah A. Green, Judaic studies

Michael Hames-Garcia, ethnic studies

Susan W. Hardwick, geography

Leslie J. Harris, law

April Haynes, history

Ellen Herman, history

Jocelyn Hollander, sociology

Daniel HoSang, political science

Mary Jaeger, classics

Lamia Karim, anthropology

Lauren J. Kessler, journalism and communication

Linda Kintz, English

Brian Klopotek, ethnic studies

Cheris Kramarae, Center for the Study of Women in Society

C. Anne Laskaya, English

David Leiwei Li, English

Joseph E. Lowndes, political science

Kathryn A. Lynch, environmental studies

Bonnie Mann, philosophy

Gabriela Martinez, journalism and communication

Barbara D. May, Romance languages

Randall E. McGowen, history

Michelle McKinley, law

Karen McPherson, Romance languages

Debra L. Merskin, journalism and communication

Quinn Miller, English

Fabienne Moore, Romance languages

Geraldine Moreno Black, anthropology

Sandra L. Morgen, anthropology

Madonna L. Moss, anthropology

Kari Norgaard, sociology

Dorothee Ostmeier, German and Scandinavian

Eileen M. Otis, sociology

Priscilla P. Ovalle, English

Amanda W. Powell, Romance languages

Scott L. Pratt, philosophy

Jenifer Presto, comparative literature

F. Regina Psaki, Romance languages

Forest Pyle, English

Suzanne E. Rowe, law

Tze-Lan Sang, East Asian languages and literatures

Stephen J. Shoemaker, religious studies

Nancy E. Shurtz, law

Carol T. Silverman, anthropology

Beata Stawarska, philosophy

Leslie H. Steeves, journalism and communication

Lynn Stephen, anthropology

Analisa Taylor, Romance languages

Courtney Thorsson, English

Mark T. Unno, religious studies

Dominick R. Vetri, law

Merle H. Weiner, law

Anita M. Weiss, international studies

Louise Westling, English

Elizabeth A. Wheeler, English

Frances J. White, anthropology

Lisa Wolverton, history

Mary E. Wood, English

Stephanie Wood, College of Education

Priscilla Yamin, political science

Naomi Zack, philosophy

- **Bachelor of Arts**
- **Bachelor of Science**
- **Minor in Women's and Gender Studies**
- **Minor in Queer Studies**

Undergraduate Studies

Preparation

No specific high school preparation is necessary. Students who transfer to the university from other colleges may apply as many as 8credits of women’s and gender studies courses to the major or to the minors.

Careers

An understanding of gender and of women’s experiences, abilities, and needs is an asset to careers in such fields as education, social service, government, business, law, medicine, the ministry, journalism, counseling, and child care. In addition, a background in women’s and gender studies can be used as a basis for entering a growing number of graduate programs that emphasize the study of women or gender.

Major Requirements

The Department of Women’s and Gender Studies offers an undergraduate major leading to a bachelor of arts (BA) or bachelor of science (BS) degree. Students may major in women’s and gender studies alone or as one of two or more majors. Majors must construct their programs in consultation with women’s and gender studies advisors.

Graded courses in the major must be completed with grades of C– or higher. No more than 12 credits taken pass/no pass in these courses may be counted toward the major.

At least 32 credits must be in upper-division courses. At least 24 upper-division credits must be taken at the University of Oregon. Women’s and gender studies majors must attain a grade point average of 2.50 or higher in courses applied to the major.

Bachelor of Arts Degree Requirements

Core Courses		
WGS101	Women, Difference, and Power	4

WGS303	Women and Gender in American History	4
WGS315	History and Development of Feminist Theory	4
WGS321	Feminist Perspectives: Identity, Race, Culture	4
WGS351	Introduction to Global Feminisms	4
WGS352	Gender, Literature, and Culture	4
WGS411	Feminist Praxis (offered fall term only)	4
Electives		
Approved WGS courses		8
Upper-division WGS or other approved subject courses		12
Total Credits		**48**

Bachelor of Science Degree Requirements

Core Courses		
WGS101	Women, Difference, and Power	4
WGS303	Women and Gender in American History	4
WGS315	History and Development of Feminist Theory	4
WGS321	Feminist Perspectives: Identity, Race, Culture	4
WGS351	Introduction to Global Feminisms	4
WGS352	Gender, Literature, and Culture	4
WGS411	Feminist Praxis (offered fall term only)	4
Electives		
Approved WGS courses		8
Upper-division WGS or other approved subject courses		12
Total Credits		**48**

Courses used to satisfy major requirements must be taken for letter grades except for the following courses:

WGS403	Thesis	1-12
WGS405	Reading and Conference: [Topic]	1-5
WGS409	Practicum: [Topic]	1-5
WGS413	Feminist Pedagogy	2

Senior Thesis

Students interested in producing a substantial piece of original research and writing may elect to write a senior thesis in women's and gender studies. Eligible students must have a cumulative GPA of 3.50 in women's and gender studies courses.

Students producing a senior thesis should expect to do this work over the course of a full year prior to their graduation.

Summer-Fall

Students should identify a primary advisor who is either a faculty member in women's and gender studies or an affiliate faculty member (see website for list of affiliates). By the end of the fall term, they should have a complete draft of a research proposal approved by their thesis advisor. Proposals will be five to eight pages in length and will identify an important issue in the field of gender-sexuality studies and the question or questions the student wishes to pursue about the topic. If an affiliate faculty member is advising the student, the student must have their proposal approved by their primary advisor in women's and gender studies as well. Students should ideally take research or reading credits with their advisor during fall term.

Winter

Students must register for Reading and Conference: [Topic] (WGS405) and Research: [Topic] (WGS601). They spend winter term conducting research and writing the thesis, working closely with their advisors and attending the research course. By the end of winter term, students should have completed their research.

Spring

Students write, revise, and produce the thesis. A first draft is due in the third or fourth week of the term. A revised final draft is due in the sixth or seventh week of spring term. The length of a senior thesis will vary, but typically they are thirty-five to fifty pages long.

Honors in Women's and Gender Studies

To graduate with honors in women's and gender studies, a student must

1. have an overall grade point average for UO and transfer credits of at least 3.50 through the winter term prior to graduation
2. gain approval for a research proposal from the department head during fall term of the academic year in which the thesis is completed
3. successfully complete Reading and Conference: [Topic] (WGS405) for thesis research during the academic year in which it is completed
4. register for a minimum of 4 credits in Thesis (WGS403).

The thesis must be completed and approved by the advisor and a second reader, chosen from the WGS faculty by the student, by Monday of the fifth week of the term in which the student intends to graduate with honors. The student's performance on the thesis and on courses taken during the senior year will be reviewed before the honors distinction is granted. Obtain complete instructions and required forms from the women's and gender studies office.

Women's and Gender Studies Minor Requirements

WGS101	Women, Difference, and Power	4
WGS courses [1]		8
WGS or other approved upper-division courses		12
Total Credits		**24**

1 History and Development of Feminist Theory (WGS315) strongly suggested.

Additional Requirements

No more than 6 credits in Reading and Conference: [Topic] (WGS405) and Practicum: [Topic] (WGS409) may be counted toward the minor. No more than 8 credits may be taken pass/no pass; no more than 8 credits may count toward both the minor and the student's major. Graded courses in the minor must be completed with grades of C– or higher. At least 16 credits applied to the women's and gender studies minor must be taken at the University of Oregon.

Students must apply for the minor in the women's and gender studies office well in advance of graduation for transcript evaluation. In order to be eligible for the minor, students must complete all degree requirements and a major in another academic department.

Queer Studies Minor Requirements

WGS201	Introduction to Queer Studies	4
WGS course focused on queer studies [1]		4
WGS or other department courses [1]		16
Total Credits		**24**

1 A minimum of 16 of these 20 credits must be earned in upper-division courses.

Students wishing to minor in queer studies should consult frequently with a women's and gender studies advisor to determine which courses offered during any given academic year will count toward the fulfillment of the 20 selectable credits. A minimum of 16 of the 24 total credits for the minor must be earned at the University of Oregon. The other 8 may be earned through successful completion of preapproved courses from another university or approved overseas program. A minimum of 16 of the 24 credits must be graded. Students must complete all 24 credits with a grade of P or C– or better.

Students must apply for the queer studies minor in the women's and gender studies office well in advance of graduation for transcript evaluation. In order to be eligible for the minor, students must complete all degree requirements and a major in women's and gender studies or another academic department.

Graduate Studies

The graduate certificate in women's and gender studies requires 24 credits in courses approved by the Women's and Gender Studies Committee. At least 12 of these credits must be in core courses in the Department of Women's and Gender Studies. At least 8 of these credits must be in approved graduate courses offered in other departments.

Graduate Certificate Requirements

Core Courses		
Select courses sufficient to total 12 credits from the following:		12
WGS507	Seminar: [Topic] [1]	
WGS508	Workshop: [Topic] [1]	
WGS511	Feminist Praxis	
WGS513	Feminist Pedagogy [2, 3]	
WGS522	Sexuality Studies: [Topic]	
WGS532	Gender, Environment, and Development	
WGS551	Global Issues and Perspectives: [Topic]	
WGS607	Seminar: [Topic] [1]	
WGS608	Workshop: [Topic] [1]	
WGS609	Practicum: [Topic] [2, 3]	
WGS610	Experimental Course: [Topic] [1]	
Other Courses		
Approved graduate courses in other departments		8
WGS or other department graduate course		4
Total Credits		**24**

1 Indicates a variable credit class which follows one of two logical paths:
1. The course will have the credit value declared in the class schedule (e.g., spring 2014 WGS 507 (http://classes.uoregon.edu/pls/prod/hwskdhnt.p_viewdetl?term=201303&crn=38529) is 4 credits).
2. The student must declare the credit value upon registering using DuckWeb [e.g., Practicum: [Topic] (WGS609)].

2 Students who have not taken Women, Difference, and Power (WGS101) or its equivalent must enroll in either Practicum: [Topic] (WGS609) to facilitate a discussion group for Women, Difference, and Power (WGS101) or in a feminist pedagogy alternative.

3 When enrolling in Practicum: [Topic] (WGS609) for WGS 101 Facilitation, the student must also enroll concurrently in Feminist Pedagogy (WGS513) unless they have already received credit for it in the past.

Additional Requirements

No more than 4 credits in Reading and Conference: [Topic] (WGS605) and Practicum: [Topic] (WGS609) can be applied to the certificate.

No more than 8 credits may be taken pass/no pass without specific approval.

A student who is unconditionally admitted to the Graduate School may earn a women's and gender studies certificate as an unclassified graduate student, as a complement to an individually designed interdisciplinary master's degree with a focus on women's and gender studies, or as an enhancement to a degree in another discipline. For more information, see the **Graduate School** section of this catalog.

Applicants should arrange an appointment with the department head (p. 391).

Courses

WGS101. Women, Difference, and Power. 4 Credits.
Interdisciplinary examination of the diverse experiences, status, and contributions of women in the United States. Topics include social construction of gender, race, sexualities, work, class, violence, and health.

WGS198. Colloquium: [Topic]. 1,2 Credit.
Repeatable.

WGS199. Special Studies: [Topic]. 1-5 Credits.
Repeatable.

WGS201. Introduction to Queer Studies. 4 Credits.
Introduction to the study of sexuality and society from a queer studies interdisciplinary perspective.

WGS303. Women and Gender in American History. 4 Credits.
Focuses on women and gender in America, highlighting how diverse women have experienced gender roles and sexism since the 17th century.

WGS315. History and Development of Feminist Theory. 4 Credits.
Feminist theory from the Enlightenment through the Second Wave, with special emphasis on the diverse theories of the 1960s to the present.
Prereq: WGS 101.

WGS321. Feminist Perspectives: Identity, Race, Culture. 4 Credits.
Examines intersections of race and ethnicity, class, sexuality, and gender in the history and lives of United States women of color. Explores definitions of community, culture, and identity.
Prereq: one course WGS or ES 101.

WGS331. Science, Technology, and Gender. 4 Credits.
Topics include the role of gender in the practice of science and the impact of sexism and racism on the development of science and technology.
Prereq: WGS 101 or equivalent.

WGS341. Women, Work, and Class. 4 Credits.
Explores contexts and cultural attitudes shaping the women's market and domestic labor including race, sexuality, age, and class as well as occupational segregation and control.

WGS351. Introduction to Global Feminisms. 4 Credits.
Exploration of feminist activism and women's movements globally, organizing to challenge the state, civil society, international agencies, and corporations for a more just world.

WGS352. Gender, Literature, and Culture. 4 Credits.
Examines literary and other cultural expressions of gendered experience through formal analysis. Genres include novels, short stories, poetry, plays, and visual cultural production.

WGS361. Gender in Film and Television. 4 Credits.
Students read, view, examine, discuss, and write about film and television in terms of gender and feminist and queer theory. Offered alternate years.

WGS399. Special Studies: [Topic]. 1-5 Credits.
Repeatable.

WGS401. Research: [Topic]. 1-16 Credits.
Repeatable.

WGS403. Thesis. 1-12 Credits.
Repeatable with program director's and thesis adviser's consent for maximum of 12 credits.

WGS405. Reading and Conference: [Topic]. 1-5 Credits.
Repeatable.

WGS406. Field Studies: [Topic]. 1-12 Credits.
Repeatable for maximum of 12 credits.

WGS407. Seminar: [Topic]. 1-5 Credits.
A current topic is Feminist Research Issues. Repeatable when topic changes.

WGS408. Workshop: [Topic]. 1-16 Credits.
Repeatable.

WGS409. Practicum: [Topic]. 1-5 Credits.
Repeatable.

WGS410. Experimental Course: [Topic]. 1-4 Credits.
Repeatable.

WGS411. Feminist Praxis. 4 Credits.
Combined internship and seminar explores the history and politics of community agencies and the relationship of feminist theory to practice.
Prereq: one course WGS or equivalent.

WGS413. Feminist Pedagogy. 2 Credits.
Surveys strategies for facilitating discussions in women's and gender studies classes and the special problems of teaching about gender, race, and sexuality.
Prereq: WGS 101 or equivalent.

WGS422. Sexuality Studies: [Topic]. 4 Credits.
Various topics in sexuality studies, including the relationship between gender and sexuality and between queer studies and women's and gender studies. Repeatable twice when topic changes for maximum of 12 credits.
Prereq: WGS 101 or 201.

WGS432. Gender, Environment, and Development. 4 Credits.
Surveys gender and political, economic, and cultural strategies for development and environmental change around the world.
Pre- or coreq: WGS 101.

WGS451. Global Issues and Perspectives: [Topic]. 4 Credits.
Designed to deepen understanding of diverse global issues and perspectives related to women's and gender studies. Repeatable twice when topic changes for a maximum of 12 credits.

WGS507. Seminar: [Topic]. 1-5 Credits.
A current topic is Feminist Research Issues. Repeatable when topic changes.

WGS508. Workshop: [Topic]. 1-16 Credits.
Repeatable.

WGS510. Experimental Course: [Topic]. 1-4 Credits.
Repeatable.

WGS511. Feminist Praxis. 4 Credits.
Combined internship and seminar explores the history and politics of community agencies and the relationship of feminist theory to practice.
Prereq: one course WGS or equivalent.

WGS513. Feminist Pedagogy. 2 Credits.
Surveys strategies for facilitating discussions in women's and gender studies classes and the special problems of teaching about gender, race, and sexuality.

WGS522. Sexuality Studies: [Topic]. 4 Credits.
Various topics in sexuality studies, including the relationship between gender and sexuality and between queer studies and women's and gender studies. Repeatable twice when topic changes for maximum of 12 credits.

WGS532. Gender, Environment, and Development. 4 Credits.
Surveys gender and political, economic, and cultural strategies for development and environmental change around the world.

WGS551. Global Issues and Perspectives: [Topic]. 4 Credits.
Designed to deepen understanding of diverse global issues and perspectives related to women's and gender studies. Repeatable twice when topic changes for a maximum of 12 credits.

WGS601. Research: [Topic]. 1-16 Credits.
Repeatable.

WGS602. Supervised College Teaching. 1-16 Credits.
Repeatable.

WGS605. Reading and Conference: [Topic]. 1-5 Credits.
Repeatable.

WGS607. Seminar: [Topic]. 1-5 Credits.
Repeatable.

WGS608. Workshop: [Topic]. 1-16 Credits.
Repeatable.

WGS609. Practicum: [Topic]. 1-5 Credits.
Repeatable.

WGS610. Experimental Course: [Topic]. 1-4 Credits.
Repeatable.

Robert Donald Clark Honors College

Terry L. Hunt, Dean
541-346-5414
541-346-0125 fax
119 Chapman Hall
1293 University of Oregon
Eugene, Oregon 97403-1293
honors@uoregon.edu

The Robert Donald Clark Honors College at the University of Oregon is a competitively enrolled, small liberal arts college of approximately 800 students. Its classes—limited to 19 students—and four-year curriculum feature close interaction between students and faculty members. The Clark Honors College emphasizes creativity, interdisciplinary scholarship, and independent research.

The college's curriculum—lower-division courses, upper-division colloquia, and thesis courses—integrate the humanities, social sciences, and sciences and feature the study of cultures and issues from around the globe. Honors college courses are taught by its resident faculty as well as by specially selected faculty members from other campus schools and programs. Fulfilling the college's curriculum satisfies the general-education requirements mandated for all university students.

Each honors college student selects a major from the academic departments or professional schools of the university. Eighteen percent of honors students have more than one major. Every school and department at the university, from architecture and music to biology and business, enrolls Clark Honors College students pursuing majors in those fields.

The student’s undergraduate education culminates in the thesis, a required advanced research project completed in his or her major field, designed to help students achieve future success in graduate school, postgraduation careers, and civic commitments. The thesis embodies the defining characteristics of a Clark Honors College education:

- intellectual discipline
- independent judgment
- capacity to design and execute a complex project
- ability to focus and pursue a subject in depth
- skills of analysis, synthesis, and clear writing

The thesis is the culmination of work in a major—a natural outgrowth from and expression of the ideas, problems, and approaches taught in that discipline. It creatively applies the methods of the discipline and tests their power and limits. It reflects dialogue, common work, and apprenticeship with faculty members in their specialized fields of interest.

Honors college students are assessed honors college tuition, established yearly by the University of Oregon Board of Trustees. Complete tuition information is available on the honors college website. The honors college awards need-based tuition-remission scholarships based on the expected family contribution listed on a student’s Free Application for Federal Student Aid (FAFSA).

Students and Faculty

Clark Honors College has 18 resident faculty members who hold appointments in the college, and numerous affiliated faculty members drawn from the university's departments and schools, including, among others, history, English, geology, journalism and communication, and music and dance, and programs including comparative literature, psychology, and Latin American studies. The honors college faculty has earned local and national and international recognition for research, publication, and pedagogy, including grants from the National Endowment for the Humanities and the National Science Foundation.

Honors college students participate in a range of campus and community activities: student and university government and committees; the student newspaper, the *Oregon Daily Emerald*; University Theatre; *Ephemera*, the Clark Honors College creative arts journal; Clark Honors College Student Association; Oregon Student Public Interest Group (OSPIRG); School of Music and Dance productions; forensics (debate and individual events speaking; mock trial); intramural and varsity athletics; and ROTC.

Many honors college alumni continue their education in graduate schools across the country and around the world. They study such diverse fields as law, architecture, medicine, molecular biology, and English language and literature. Other graduates go on to endeavors in such areas as public service, private enterprise, Teach for America, and the Peace Corps.

Facilities

The honors college is located in historic Chapman Hall on the west side of the University of Oregon campus, close to Knight Library.

Honors college facilities consist of a classroom, seminar room, faculty and administrative offices, lounge, kitchen, the Robert D. Clark Library, and the David E. Boyes Computing Laboratory. Incoming honors college students have residential facilities in the Global Scholars Hall on the east side of campus.

Entering the Clark Honors College

Clark Honors College seeks high-achieving students who will bring their own unique and diverse contributions to the student body. The admissions committee looks for evidence of academic scholarship, motivation, and creative critical thinking.

Application Procedure

General university application procedures, prerequisites, and requirements apply. Applicants to Clark Honors Collegemust complete a single online application to apply to both the honors college and the University of Oregon at one time.

Students with an excellent academic record who have attended another higher-education institution, or who are enrolled in the university but not in the honors college, may apply for admission by submitting aClark Honors College supplemental PDF applicationby January 15 for fall term admission. Students interested in winter term admission should contact the Clark Honors College Office of Admissions directly. Winter term admission is on a space-available basis. Spring term admission is not available.

International studentswho wish to apply must complete an InternationalUndergraduate Application for Admission and a Clark Honors College supplemental PDF application by January 15 for fall term admission.

A complete Clark Honors College online ***or*** supplemental PDF application must include a short note of introduction, an essay, and a description of accomplishments. Supporting documents also required are two teacher evaluations, official high school transcripts, official college transcripts (if applicable), and official test scores. *Transcripts and test scores will be shared between UO and honors college admissions offices.*

The Clark Honors College online application, available August through January 15 for the following academic year, is part of the University of Oregon online application. The Clark Honors College supplemental PDF application and Clark Honors College Teacher Evaluation form are available from the websites for the honors college and the UO Office of Admissions.

Application Deadlines

Early notification deadline: November 1
Supporting documents due by November 7
Regular notification deadline: January 15
Supporting documents due by February 1

Deadlines to apply are the same for all applicants including domestic and international freshmen and transfer students.

Faculty

Monique Balbuena, associate professor (diaspora and multilingualism, Jewish, Latin American, and Maghrebi literatures). BA, 1988, MA, 1994, Federal University of Rio de Janeiro; PhD, 2003, California, Berkeley. (2004)

Louise M. Bishop, associate professor (Old English, medieval and Renaissance literature). BA, 1978, Fairleigh Dickinson; MA, 1980, PhD, 1984, Fordham. (1987)

Mark Carey, associate professor (Latin American and environmental history). BA, 1991, State University of New York, Potsdam; MA, 1998, Montana; PhD, 2005, California, Davis. (2010)

Mai-Lin Cheng, assistant professor (19th-century British literature). BA, 1993, Brown; PhD, 2006, California, Berkeley. (2008)

David A. Frank, professor (rhetoric and communication); dean; director, forensics. BA, 1978, MA, 1979, Western Washington; PhD, 1982, Oregon. (1979)

Sander M. Goldberg, professor of practice (literature, classics). BA, Rochester; MA, PhD, Indiana, Boomington. (2013)

Samantha Hopkins, associate professor (evolution and paleoecology of aplodontoid rodents). BS, 1999, Tennessee, Knoxville; PhD, 2005, California, Berkeley. (2007)

Ocean Howell, assistant professor (urban and architectural history). BA, 1997, MS, 2005, PhD, 2009, California, Berkeley. (2010)

Terry L. Hunt, professor (archaeology). BA, 1976, Hawaii, Hilo; MA, 1980, Auckland; PhD, 1989, Washington (Seattle). (2013)

Trond Jacobsen, instructor (information science, forensics). BA, 2002, Oregon; PhD, 2014, Michigan, Ann Arbor. (2013)

Vera Keller, assistant professor (history of science). BA, 2002, Harvard; PhD, 2008, Princeton. (2010)

Susanna Soojung Lim, associate professor (19th- and 20th-century Russian literature with focus on representations of East Asia). BA, 1996, MA, 1998, Korea; MA, 1999, PhD, 2006, California, Los Angeles. (2007)

Barbara Mossberg, professor of practice (literature). BA, 1970, California, Los Angeles; MA, 1972, PhD, 1977, Indiana, Bloomington. (2013)

Roxann Prazniak, associate professor (Chinese history, European intellectual history). BA, 1970, California, Berkeley; MA, 1973, San Francisco State; PhD, 1981, California, Davis. (2002)

Elizabeth Raisanen, director of undergraduate advising. BA, 2003, Northern Michigan; MA, 2005, Colorado, Boulder; PhD, 2013, California, Los Angeles. (2015)

Daniel Rosenberg, professor (European intellectual and cultural history, 18th century). BA, 1988, Wesleyan; MA, 1991, PhD, 1996, California, Berkeley. (2000)

Helen Southworth, associate professor (20th-century French and English literature, women's literature). BA, 1989, London; MA, 1991, PhD, 1999, Southern California. (2002)

Kelly Sutherland, assistant professor (marine biology). BS, 1999, Tufts; MSc, 2004, South Alabama; PhD, 2009, Massachusetts Institute of Technology. (2011)

Emeritus

Henry M. Alley, professor emeritus. BA, 1967, Stanford; MFA, 1969, PhD, 1971, Cornell. (1982)

Frances B. Cogan, professor emerita. BA, 1969, MA, 1970, PhD, 1981, Oregon. (1981)

Joseph G. Fracchia, professor emeritus. BA, 1972, California, Davis; MA, 1975, California, Santa Barbara; PhD, 1985, California, Davis. (1986)

The date in parentheses at the end of each entry is the first year on the University of Oregon faculty.

Affiliated

Gregory D. Bothun, physics

Daniel Buck, Asian studies

Anita Chari, political science

Suzanne Clark, English

Shaul E. Cohen, geography

Amy Connolly, biology

James Crosswhite, English

Patricia Curtin, journalism and communication

Victoria De Rose, chemistry and biochemistry

Stephen Fickas, computer and information science

Esther Hagenlocher, architecture

Michael E. Kellman, chemistry and biochemistry

Shlomo Libeskind, mathematics

Daniel L. Miller, journalism and communication

John Nicols, classics

Jennifer O'Neal, library

Stephen Rodgers, music

Cheyney Ryan, honors college

James M. Schombert, physics

Steven Shankman, English

Azim Shariff, psychology

Nathan J. Tublitz, biology

Laura Wayte, music

Peter Wetherwax, biology

Janis Weeks, biology

W. Ed Whitelaw, economics

Academic Requirements

Requirements in the honors college satisfy the general-education requirements that other University of Oregon students meet for graduation. Honors college faculty members advise honors college students concerning these requirements and mentor them concerning their academic choices. Students retain full responsibility for understanding and shaping their study programs.

Depending on test scores, students may use advanced placement or international baccalaureate credits toward honors college mathematics and science requirements, second-language requirements, applicable major requirements, multicultural requirements, or university electives. To earn a BS degree, students must complete one year of college-level mathematics, or the equivalent. Advanced placement and transfer credits may help fulfill either such a math requirement or the language requirement.

University and Major Requirements

Honors college requirements, which replace university general-education requirements, represent roughly one-third of a student's total four-year schedule. Before graduating, Clark Honors College students must also meet the requirements, listed elsewhere in this catalog, of their major department or professional school. They must maintain a 3.00 or better cumulative grade point average (GPA).

Honors College Degree Requirements

Lower-Division Requirements

Honors College Requirement		
HC199H	Special Studies: [Topic] (Clark Honors Introductory Program) [1]	1
History and Literature Requirements		
HC221H	Honors College Literature	4
HC222H	Honors College Literature	4
HC231H	Honors College History	4
HC232H	Honors College History	4
HC223H	Honors College Literature	4
orHC233H	Honors College History	
Mathematics and Science Requirements [2]		
HC207H	Honors College Science [3]	
orHC209H	Honors College Science	
One course in quantitative reasoning or mathematics [4]		4
Two additional approved mathematics or science courses [4]		8
Second-Language Requirements [5]		
Demonstrate second-language proficiency equivalent to completion of second college year in second language; satisfy all requirements in university department, program, or school that offers a major leading to a BA or BS		

Upper-Division Requirements

Multicultural Requirements		
Two courses chosen from two different categories, listed below:		
American cultures		
Identity, pluralism, and tolerance		
International cultures		
Colloquia Requirements [6]		
HC421H	Honors College Arts and Letters Colloquium: [Topic]	4
HC431H	Honors College Social Science Colloquium: [Topic]	4
HC441H	Honors College Science Colloquium: [Topic]	4
Select two of the following:		
HC421H	Honors College Arts and Letters Colloquium: [Topic]	
HC424H	Honors College Identities Colloquium: [Topic]	
HC431H	Honors College Social Science Colloquium: [Topic]	
HC434H	Honors College International Cultures Colloquium: [Topic]	
HC441H	Honors College Science Colloquium: [Topic]	
HC444H	Honors College American Cultures Colloquium: [Topic]	
Thesis Requirements		
HC408H	Workshop: [Topic] (Thesis Orientation) [7]	1-12
HC477H	Thesis Prospectus [8]	2
Successful completion and defense of a thesis		

1 Clark Honors Introductory Program (CHIP) is the course topic, offered only in the fall and required of incoming freshmen; transfer students may also choose to take the CHIP course. More information on the program may be found at honors.uoregon.edu.

2 Web-based courses do not fulfill this requirement.

3 Exempt majors and minors listed on honors college website.

4 Approved courses listed on the honors college website.

5 The second-language requirement is waived if a department, program, or school requires 90 or more credits of course work for a major leading to a BS degree (see Majors, Degrees, and Contexts Waiving Second-Language Requirements list). No case exists in which Clark Honors College language requirements replace departmental language requirements.

6 Recent topics include Madness in Society; The Literature of War; Cosmology; Latin American History; Language, Sustainable Communities, and Global Warming; the Physics and Politics of Global Energy Generation, and John Muir's Backpack.

7 Course taken toward the end of their sophomore year or at the beginning of their junior year for an introduction to the thesis project.

8 Course taken at least two terms before intended graduation to formalize the thesis project.

Majors, Degrees, and Contexts Waiving Second-Language Requirement

- Accounting
- Biology
- Business administration
- Biochemistry
- Chemistry
- Computer and information science
- Environmental science
- Environmental studies
- General science
- Geological sciences
- Human physiology
- Marine biology
- Material and product studies
- Music, only in cases in which the second language is not a requirement for the student's chosen degree
- Physics
- Product design
- Bachelor of architecture
- Bachelor of interior architecture
- Bachelor of landscape architecture
- Students pursuing a bachelor of fine arts degrees who choose to satisfy the BS mathematics or computer and information sciences proficiency requirement

Writing

The honors college is committed to excellence in writing. The core curriculum integrates instruction and practice in fundamental rhetorical skills—writing, reading, speaking, and listening—with the subject matter of the courses. Students who complete the honors college history and literature curricula with grades of mid-B or better in all courses satisfy the university writing requirement.

Courses

HC199H. Special Studies: [Topic]. 1-5 Credits.
Repeatable.

HC207H. Honors College Science. 4 Credits.
The scientific process as a mode of inquiry to gain insight into fundamental questions in the natural sciences. Includes discussions, lectures, demonstrations, laboratories, field trips.

HC209H. Honors College Science. 4 Credits.
How science may be applied and misapplied in answering questions about nature and society. Includes discussions, demonstrations. laboratories, field trips. Primarily for nonscience students.

HC221H. Honors College Literature. 4 Credits.
Literary history and modes of literary analysis and interpretation: premodern literature.

HC222H. Honors College Literature. 4 Credits.
Literary history and modes of literary analysis and interpretation: modern literature.

HC223H. Honors College Literature. 4 Credits.
Research in literature.

HC231H. Honors College History. 4 Credits.
Introduction to methods of historical inquiry and to major historical trends in a global framework; focuses on premodern history.

HC232H. Honors College History. 4 Credits.
Introduction to methods of historical inquiry and to major historical trends in a global framework; focuses on modern history.

HC233H. Honors College History. 4 Credits.
Research in history.

HC399H. Special Studies: [Topic]. 1-5 Credits.
Repeatable.

HC401H. Research: [Topic]. 1-21 Credits.
Repeatable.

HC403H. Thesis. 1-21 Credits.
Repeatable.

HC404H. Internship: [Topic]. 1-16 Credits.
Repeatable.

HC405H. Reading and Conference: [Topic]. 1-21 Credits.
Repeatable.

HC406H. Special Problems: [Topic]. 1-21 Credits.
Repeatable.

HC407H. Seminar: [Topic]. 1-5 Credits.
Repeatable. The 2-credit thesis seminar supports early work on the honors thesis.

HC408H. Workshop: [Topic]. 1-12 Credits.
Topics include Thesis Orientation. Repeatable.

HC409H. Practicum: [Topic]. 1-21 Credits.
Repeatable.

HC410H. Experimental Course: [Topic]. 1-5 Credits.
Repeatable.

HC421H. Honors College Arts and Letters Colloquium: [Topic]. 4 Credits.
Repeatable. Offered in a range of topics with an emphasis on arts and letters. Repeatable thrice when topic changes for a maximum of 16 credits.

HC424H. Honors College Identities Colloquium: [Topic]. 4 Credits.
Topics focus on construction of collective identities (classes, genders, religions, sexual orientations), the emergence of representative voices, and the effects of prejudice, intolerance, and discrimination. Repeatable thrice for a maximum of 16 credits when topic changes.

HC431H. Honors College Social Science Colloquium: [Topic]. 4 Credits.
Offered in a range of topics with an emphasis on social science. Repeatable thrice when topic changes for a maximum of 16 credits.

HC434H. Honors College International Cultures Colloquium: [Topic]. 4 Credits.
Topics focus on race, ethnicity, pluralism-monoculturalism, or prejudice-tolerance of international cultures, or may describe and analyze a worldview substantially different from current U.S. views. Repeatable thrice for a maximum of 16 credits when topic changes.

HC441H. Honors College Science Colloquium: [Topic]. 4 Credits.
Offered in a range of topics with an emphasis on science. Repeatable thrice when topic changes for a maximum of 16 credits.

HC444H. Honors College American Cultures Colloquium: [Topic]. 4 Credits.
Topics focus on multiple American racial and ethnic groups—African American, Chicano or Latino, Native American, Asian American, European American—from historical and comparative perspectives. Repeatable thrice for a maximum of 16 credits when subject changes.

HC477H. Thesis Prospectus. 2 Credits.
Students create prospectus, exchange critiques and ideas, and present research in mock defenses with thesis advisor present.

School of Architecture and Allied Arts

Brook Muller, Acting Dean
(541) 346-3631
105 Lawrence Hall
bmuller@uoregon.edu (fbronet@uoregon.edu)

The School of Architecture and Allied Arts is the principal center in Oregon for the study of architecture, art, community and regional planning, and design. The school, founded in 1914, is a diverse, collegial learning community dedicated to environmental sustainability, civic responsibility, creativity and innovation, international understanding, and cross-disciplinary education.

The School of Architecture and Allied Arts (A&AA) is one of six professional schools at the University of Oregon with degree programs in Eugene and Portland. Its goal is to provide students with the skills and mentorship they need as they assume active roles within the creative communities and take on the complex global challenges of the twenty-first century.

The school is a close association of ten academic programs: the Departments of Architecture; Art; History of Art and Architecture; Landscape Architecture; and Planning, Public Policy and Management; and the programs in Arts and Administration, Digital Arts (housed in the Department of Art), Historic Preservation, Interior Architecture, and Product Design.

Undergraduate degrees offered include

- architecture (BArch)
- art (BA, BS, BFA)
- art history (BA)
- digital arts (BA, BS, BFA)
- interior architecture (BIArch)
- landscape architecture (BLA)
- material and product studies (BA, BS)
- planning, public policy and management (BA, BS)
- product design (BFA)

Graduate degrees offered include

- architecture (MArch, PhD)
- art (MFA)
- art history (MA, PhD)
- arts and administration (MA, MS)
- community and regional planning (MCRP)
- historic preservation (MS)
- interior architecture (MIArch)
- landscape architecture (MLA, PhD)
- nonprofit management (MNPM)
- public administration (MPA)

Graduate certificate programs are offered in

- ecological design
- museum studies
- new media and culture
- nonprofit management
- Oregon leadership in sustainability
- technical teaching in architecture

The school offers a selection of courses that are open to nonmajors and fulfill the general-education needs of the university's student body. Undergraduate students have the opportunity to minor in architecture, art, art history, community arts, historic preservation, interior architecture, landscape architecture, multimedia, nonprofit administration, and planning, public policy and management.

In addition, the school offers advanced study opportunities in architecture, digital arts, and product design at the University of Oregon in Portland, located at the historic White Stag Block.

The professional and academic degrees in architecture, art, art history, arts management, community and regional planning,digital arts, historic preservation, interior architecture, landscape architecture, product design, and public administration are fully accredited.

Many students participate in design studios when they study art, digital arts, environmental design (architecture, interior architecture, landscape architecture), and product design. A studio is a small class setting that encourages direct exploration of ideas, materials, and the development of imaginative thinking, analysis, and creativity along with close interaction between the instructor and students.

Research, Scholarship, and Creative Work

Research and creative work bring together people in the school's various disciplines and provide links with scholars elsewhere at the university, in the local community, and throughout the world.

Program diversity enhances the faculty's scholarly activity and creative endeavor. Faculty members in the environmental design and planning fields are encouraged to be active in professional practices, to engage in design competitions, and to develop theoretical studies. Faculty members in the arts participate nationally and internationally in exhibitions of their creative work. Scholarly work in art history, arts administration, planning, and public administration has produced significant publications and enhanced human understanding in those fields.

Members of the school's faculty participate in many of the university's interdisciplinary research centers, institutes, and initiatives including the Sustainable Cities Initiative, the Green Product Design Network, the National Institute for Transportation and Communities, the Solar Energy Center, the Center for Latino and Latin American Studies, the Center for Asian and Pacific Studies, the Community Service Center, the Institute for a Sustainable Environment, and the Center for Community Arts and Cultural Policy.

Extended Programs

The School of Architecture and Allied Arts supports off-campus programs that enhance learning and research opportunities and enrich the ties between the university and the local, state, national, and international communities.

The University of Oregon has extended centers in the Portland area, which are used by various departments and programs in the school. A&AA offers advanced study opportunities in Portland for graduate and undergraduate students enrolled in architecture and for undergraduate students enrolled in the bachelor of fine arts program in either digital arts

or product design. Located at the White Stag Block in Portland's Old Town Historic District, the school's facilities include design studios, fusion lab, fabrication lab, and the White Box visual arts laboratory. Research initiatives in urban design, housing, energy studies, and creative work in the arts are led by faculty members in partnership with area professionals, governmental leaders, galleries, and nonprofit agencies. The facilities at the University of Oregon in Portland are available for workshops, public lectures, exhibitions, film and video presentations, and events.

The school also maintains historic property that supports research and teaching: in Portland, the Cottrell and Watzek houses, and in the Columbia River Gorge, the Shire.

Off-campus learning and research include field course work in art, historic preservation, architecture, landscape architecture, and planning. Internship opportunities are available for students to explore their disciplines beyond the structure of the university setting.

International study programs are offered in spring and summer terms in Amsterdam and the Netherlands; Beijing, China; Florence, Italy; Kyoto, Japan; Rome, Italy; Trogir, Croatia; Vicenza, Italy; and Vancouver, British Columbia, offered by the Departments of Art, Architecture, Landscape Architecture, and Planning, Public Policy and Management, and the Historic Preservation Program. The Department of Architecture has active exchange programs with the University of Stuttgart and the Danish International Study Program in Copenhagen. Various departments participate in National Student Exchange, of which the University of Oregon is a member.

Cinema Studies Major

The cinema studies major, which leads to a bachelor of arts degree, gives students the opportunity to study moving-image media as multicultural, transnational, and humanistic phenomena. Because cinema is inherently multidisciplinary, the major spans the College of Arts and Sciences, the School of Architecture and Allied Arts, and the School of Journalism and Communication.

More information is available in the **Cinema Studies** section of this catalog under the College of Arts and Sciences.

Oregon Leadership in Sustainability Certificate Program

The Oregon leadership in sustainability (OLIS) graduate certificate program is an intensive, yearlong program that trains students in the concepts and skills of sustainability—issues of climate change, green economy, ecosystem services, green infrastructure, and social justice—in preparation for emerging careers in the public, private, and nonprofit sector.

More information is available in the **Planning, Public Policy and Management** section of this catalog.

Facilities

Facilities Services

Michael Smith, Director
541-346-2055

The School of Architecture and Allied Arts is housed principally in Lawrence, Pacific, and Hendricks Halls, the Romania building, and the North Site in Eugene and the White Stag Block in Portland.

Facilities include a branch of the UO Libraries, administrative and departmental offices, and most of the faculty offices and studio spaces. The Department of Planning, Public Policy and Management is located in Hendricks Hall. The North Site, located north of the Millrace, is an eight-building complex containing faculty offices, advanced studios in the arts, environmental design research laboratories and workshops, and the Urban Farm. The Romania building houses studio facilities for the Product Design Program.

The school provides equipment not typically available to individuals such as studio furniture, easels, looms, and shared resources. Students supply personal equipment such as computers, graphic tools, and course materials. The school supports these purchases by providing infrastructure, secure rooms, and lockers.

Resources

Technology Services

Gary Sullivan, Director
541-346-1715

Many schools teach students to use software, but the School of Architecture and Allied Arts teaches students to be designers and creative decision-makers regardless of the tools they use. Students learn to explore new ideas through a combination of traditional methods and experimental techniques. Through work in animation, multimedia, graphics, computer-aided design, geographic information systems, and web publishing, students see how computers can extend capabilities and enhance understanding.

Lecture rooms, studios, classrooms, and review rooms are networked (wired and wireless) to support instructional technology on Windows and Mac OS workstations. The university provides server accounts for e-mail and web pages and maintains a high-speed computer network. The school provides access to a full array of computing applications through its instructional and research laboratories located in Eugene at Lawrence Hall, Pacific Hall, Hendricks Hall, and the North Site complex, and in Portland at the University of Oregon in Portland's White Stag Block. A technical staff maintains these resources as well as shared large-scale color plotters and high-resolution printers. Technical support is available through Information Services, A&AA Technology Services, and informal peer consulting.

Much faculty research involves the application of emerging technology to specific domains. Research groups in planning, public policy and management, architecture, and landscape architecture have developed methods for using Internet, geographic information systems, graphics, and database applications to facilitate community problem solving. Tools are being developed to make planning and design decisions easier to understand by putting their consequences in graphic terms. Art faculty members have created award-winning animations and interactive multimedia projects that range from avant-garde artwork to pragmatic educational projects. The school maintains a close relationship with the library's Center for Media and Educational Technologies, which offers technical expertise in digital media.

Office of Professional Outreach and Development for Students

Kassia Dellabough, Coordinator
541-346-2621

The Office of Professional Outreach and Development for Students serves students in all A&AA disciplines as they endeavor to develop career goals and job-search strategies. The office collaborates with both administrative and academic units to provide comprehensive career services including vocational counseling, professional mentoring, group presentations, workshops, and the annual career symposium held in Portland.

Office of Development

Kathrin Walsch, Senior Director of Development
541-346-3697

The mission of the Office of Development is to assist the A&AA school in securing private gifts that enhance educational opportunities and to offer aid in the areas of faculty support, research and creative work, student scholarships, building and equipment maintenance, and facilities construction.

The development office raises funds through a combination of methods: the annual giving telefund, direct mail appeals, foundation and corporate grants, planned gifts, and direct personal solicitation.

Academic priorities for fundraising are the responsibility of the dean, with the advice and assistance of the department heads and directors, and are developed in cooperation with the UO vice president for university development.

The office works in concert with the university's central development office and the UO Foundation to raise new endowments for research, scholarships, faculty, and teaching support.

Office of External Relations and Communications

Karen J. Johnson, Assistant Dean
541-346-3603

The mission of the Office of External Relations and Communications is to develop and guide the School of Architecture and Allied Arts' strategic messages and news information using a robust transmedia approach that communicates to internal and external constituents about the excellence and social relevancy of the academic programs and people in the school.

The office coordinates media relations, electronic and print communications, marketing, graphic design, and brand development and management for the school. It publishes the *A&AA Review* magazine and assists departments and programs with outreach activities. The office coordinates the school's Ellis F. Lawrence Medal, presented annually to a distinguished alumnus or alumna.

Interdisciplinary Research

Center for Community Arts and Cultural Policy

Patricia Dewey Lambert, Director
541-346-3639
254 Lawrence Hall

The Center for Community for Community Arts and Cultural Policy works in collaboration with the faculty members and graduate students in the Arts and Administration Program in the School of Architecture and Allied Arts to sustain and strengthen the arts and culture through research, education, and community involvement. The center's faculty, student, and affiliated members conduct and disseminate policy-relevant research and create professional development opportunities to support policymakers and cultural sector professionals.

Community Service Center

Robert Parker and Megan Smith, Managing Codirectors
541-346-3889
111 Hendricks Hall

The Community Service Center, an interdisciplinary organization, assists Oregon communities by providing planning and technical assistance to help solve local issues, improve the quality of life in rural Oregon, and help make Oregon communities more self-sufficient. The center incorporates a number of programs including the Community Planning Workshop, Resource Assistance for Rural Environments, and the Oregon Partnership for Disaster Resilience.

Energy Studies in Buildings Laboratory

G. Z. Brown, Director
541-346-5647
103 Pacific Hall

The laboratory's facilities in Eugene and Portland include a computer simulation laboratory and an artificial sky. Research projects seek to illuminate the ways buildings and their related transportation and land-use systems determine energy use; develop new materials, components, assemblies, whole buildings, and communities with improved performance; and develop computer software design tools that enable professionals to design more efficient communities and buildings. Laboratory members conduct a design-assistance program for architects, sponsored by utilities, which uses the artificial sky and computer simulations to recommend proposed building design changes.

Institute for a Sustainable Environment

Cassandra Moseley, Director
541-346-0675
130 Hendricks Hall

The Institute for a Sustainable Environment explores the long-term sustainability of the earth's environmental systems. The institute's programs draw from the natural sciences, social sciences, humanities, and professional fields to foster applied cross-disciplinary environmental research, education, and public service. The institute offers students and members of the faculty and staff many opportunities for employment and program participation.

John Yeon Center for Architectural Studies

Randy Gragg, Executive Director
503-412-3757
White Stag Block

The John Yeon Center for Architectural Studies fosters research and appreciation of architecture, interior design, historic preservation, art, and landscape architecture by students, faculty members, professional architects, and designers. The program is responsible for the preservation of several significant historic and cultural properties designed by John Yeon. The center comprises two Portland residences—the Watzek House and the George and Margaret Cottrell House—and a landscape in the heart of the Columbia River Gorge known as the Shire. The Watzek House was designated a national historic landmark in 2011.

Both historic properties are designed by John Yeon (1910–94), a design pioneer who fundamentally rethought modern architecture for the Pacific Northwest. The Yeon Center was founded in 1995 by Richard Louis Brown with the gift of the Watzek House to the University of Oregon. The George and Margaret Cottrell House was given to the university by Margaret Cottrell in 2000. These properties were designed by John Yeon and are outstanding examples of Pacific Northwest regional architecture. The properties are available for class visits and educational tours.

The Shire—the John Yeon Preserve for Landscape Studies—is a unique landscape, sensitively designed by John Yeon, which occupies a seventy-five-acre waterfront site in Skamania County, Washington, in the heart of the scenic Columbia River Gorge, directly across from Multnomah Falls. The Shire is a carefully designed landscape with a sculpted lawn, a series of meadows, wetlands, vista points, river bays, and walking paths that John Yeon created over the passage of three decades. The John Yeon Trust donated the Shire and its endowment to the University of Oregon in 1995.

The Shire, while being preserved as an example of landscape design, is a center for Pacific Northwest landscape studies. It provides an educational site for the study of landscape preservation, design, ecology, and management that creates opportunities for individuals and study groups to engage in research and discussion of landscape architecture, planning, conservation, and preservation issues associated with the Columbia River Gorge, the Pacific Northwest region, and the nation.

Student Information

Admission

Admission to the major or the minor, degree requirements, and course offerings are described in the department sections that follow. Freshmen and transfer students must meet University of Oregon requirements for admission to the School of Architecture and Allied Arts. Work being submitted for transfer credit must be approved by the major department.

Students develop their programs of study assisted by advisors from the department to which they have been admitted. Please note that some majors have several application cycles a year.

Premajors and Nonmajors

Many courses are open to majors outside the School of Architecture and Allied Arts or to students who have not yet declared a major. The school offers a range of general-education, group-satisfying coursesas well as courses that satisfy the multicultural requirements. In addition, students may access art and digital arts studio offerings as nonmajors, provided they complete the appropriate course prerequisites. These courses include the following:

Department of Architecture

ARCH201	Introduction to Architecture	4

Department of Art

ART101	Understanding Contemporary Media	4
ART111	The Artist Experience	4

Arts and Administration Program

AAD250	Art and Human Values	4
AAD251	The Arts and Visual Literacy	4
AAD252	Art and Gender	4

Department of the History of Art and Architecture

ARH101	Global Masterpieces: Monuments in Context	4
ARH204–206	History of Western Art I-III	12
ARH207	History of Indian Art	4
ARH208	History of Chinese Art	4
ARH209	History of Japanese Art	4
ARH314–315	History of Western Architecture I-II	8
ARH320M	History of Jewish Art	4
ARH322	Art of Ancient Greece	4
ARH323	Art of Ancient Rome	4
ARH331	Cultures of the Medieval West	4
ARH351	19th-Century Art	4
ARH353	Modern Art, 1880–1950	4
ARH354	Art since 1945	4
ARH358	History of Design	4
ARH359	History of Photography	4
ARH387	Chinese Buddhist Art	4
ARH397	Japanese Buddhist Art	4
ARH 463/563	Native American Architecture	4
ARH 488/588	Japanese Prints	4

Interior Architecture Program

IARC204	Understanding Contemporary Interiors	4

Department of Landscape Architecture

LA260	Understanding Landscapes	4
LA375	Contemporary American Landscape	4

Department of Planning, Public Policy and Management

PPPM201	Introduction to Public Policy	4
PPPM202	Healthy Communities	4
PPPM205	Introduction to City Planning	4
PPPM280	Introduction to the Nonprofit Sector	4
PPPM340	Climate-Change Policy	4

Courses

AAA196. Field Studies: [Topic]. 1-2 Credits.
Repeatable.

AAA198. Workshop: [Topic]. 1-2 Credits.
Repeatable.

AAA199. Special Studies: [Topic]. 1-5 Credits.
Repeatable.

AAA321. Inclusive Urbanism. 4 Credits.
Investigates the relationship between social-economic inclusion and the physical form of cities.

AAA399. Special Studies: [Topic]. 1-5 Credits.
Repeatable.

AAA401. Research: [Topic]. 1-21 Credits.
Repeatable.

AAA404. Internship: [Topic]. 1-12 Credits.
Repeatable when topics change.

AAA405. Reading and Conference: [Topic]. 1-21 Credits.
Repeatable.

AAA406. Special Problems: [Topic]. 1-21 Credits.
Repeatable.

AAA407. Seminar: [Topic]. 1-5 Credits.
Repeatable.

AAA408. Workshop: [Topic]. 1-21 Credits.
Repeatable.

AAA409. Practicum: [Topic]. 1-5 Credits.
Repeatable when topics change.

AAA410. Experimental Course: [Topic]. 1-5 Credits.
Repeatable.

AAA507. Seminar: [Topic]. 1-5 Credits.
Repeatable.

AAA508. Workshop: [Topic]. 1-21 Credits.
Repeatable.

AAA510. Experimental Course: [Topic]. 1-5 Credits.
Repeatable.

AAA604. Internship: [Topic]. 1-12 Credits.
Repeatable when topics change.

AAA605. Reading and Conference: [Topic]. 1-16 Credits.
Repeatable.

AAA606. Special Problems: [Topic]. 1-16 Credits.
Repeatable.

AAA608. Workshop: [Topic]. 1-16 Credits.
Repeatable.

AAA609. Practicum: [Topic]. 1-5 Credits.
Repeatable when topics change.

Architecture

Judith Sheine, DepartmentHead
541-346-3656
210 Lawrence Hall
1206 University of Oregon
Eugene, Oregon 97403-1206

Portland Architecture Programs
70 NW Couch St.
Portland, Oregon 97209
503-412-3718

The Study of Architecture

Architectural Education

The purpose of studying architecture is to learn how to make physical changes to our surroundings that enhance the quality of the built environment and our experience of life. Within this broad purpose, architectural study and practice include the tasks of providing shelter and environmental protection, providing appropriate settings for human activities, and creating forms that are aesthetically pleasing and supportive of social well-being.

The Department of Architecture includes the Interior Architecture Program (p. 448)and maintains close ties with other departments in the School of Architecture and Allied Arts. Architecture faculty members believe that the interdisciplinary cooperation of environmentally concerned fields is important to the study of architecture and continually seek new ways to learn from one another.

A central part of architectural education is the design studio, where students learn by doing through experience with the design of buildings. This kind of learning is demanding, and students are expected to be committed and able to work independently and responsibly toward program and course objectives. In the design studio, continuous evaluation and response are the basic learning modes.

The department sets high standards for student performance. Advanced students often work together in courses and as collaborators with faculty members in research investigations through independent-study courses.

Preparation

Architecture is an inclusive art, bringing together a variety of disciplines. Students should prepare themselves in the following fields:

1. Social sciences
2. Natural sciences
3. Humanities
4. Fine arts

Students are also encouraged to travel and broaden their experiences related to environmental design.

Summer Architecture Academy

The department's Summer Architecture Academy offers prospective undergraduate and graduate students a chance to experience architecture, landscape architecture, and interior architecture study in an intensive four-week residential program on the UO campus in Eugene. Workshops, lectures, demonstrations, and field trips complement daily studio work.Information about the Summer Architecture Academy (http://architecture.uoregon.edu/summeracademy) may be obtained on the department website.

Design Camp

The School of Architecture and Allied Arts offers a summer career exploration program for college-bound students at the school's facilities in the White Stag Block in downtown Portland. Students explore architecture, product design, and the digital arts in the city and in the studio. Information about Design Camp (https://aaa.uoregon.edu/portland/design-camp-2014) may be obtained on the website or by calling the School of Architecture and Allied Arts in Portland.

Guest Instructors, Lecturers, and Critics

The Department of Architecture has an extensive program of visiting instructors, lecturers, and critics who are brought to the school each year. The program includes the Pietro Belluschi Distinguished Visiting Professor in Architectural Design and the Frederick Charles Baker Chair, who teaches architectural lighting.

Careers

Although most students prepare for professional registration and internship with practicing architects, others choose careers in allied fields such as construction management, environmental policy development, urban and community planning, architectural programming, and facilities management.

Accreditation

In the United States, most state registration boards require a degree from an accredited professional degree program as a prerequisite for licensure. The National Architectural Accrediting Board (NAAB), which is the sole agency authorized to accredit U.S. professional degree programs in architecture, recognizes three types of degrees: the bachelor of architecture, the master of architecture, and the doctor of architecture. A program may be granted a six-year, three-year, or two-year term of accreditation, depending on the extent of its conformance with established educational standards. Doctor of architecture and master of architecture degree programs may consist of a preprofessional undergraduate degree and a professional graduate degree that, when earned sequentially, constitute an accredited professional education. However, the preprofessional degree is not, by itself, recognized as an accredited degree.

At the University of Oregon, both the bachelor of architecture (BArch) and the master of architecture (MArch) degree programs are accredited by NAAB. The next accreditation review for all programs is 2020.

The postprofessional master of science in architecture (MS) degree program and the PhD degree program are not accredited. Admission to these programs is restricted to applicants who already hold a NAAB-accredited degree or the international equivalent.

Internship and Licensure

In the United States, the title “architect” is legally restricted to individuals licensed by the state where they are registered to practice architecture. State governments use guidelines established by the National Council of Architectural Registration Boards (NCARB) to license architects. The specific requirements for education, experience, and eligibility to take the Architectural Registration Examination vary by state. In most states, including Oregon, completion of the Intern Development Program and an NCARB certificateis required preparation for licensure.

The ArchitectureCurriculum

The professional curriculum in architecture has two principal objectives:

1. broad inquiry into the integrative nature of environmental design and
2. a comprehensive professional education that develops the ability to design built environments ranging from intimate personal spaces to cities.

Curriculum requirements are published in the *UO Catalog* and in the department’s *Advising Handbook*, which includes sample course sequences, grading policies, an explanation of how students’ progress is monitored through the program, and other advising information. Each student is assigned a faculty advisor and encouraged to consult that advisor for specific information.

Professional Curriculum

The professional curriculum of the bachelor of architecture (BArch) program and the master of architecture (MArch) programs, Track I and Track II, include required architectural design studios and architectural subject courses. In addition, each program's curriculum is supplemented by professional electives.

Architectural Design

The architectural design studio is a social and interactive workplace where students work cooperatively with their peers under the guidance of faculty members with frequent input from practicing architects and experts as well as representatives of communities served by the studio’s design explorations. Through design projects, students learn to respond to complex environmental and cultural contexts through the exploration of architectural form. Introductory studios emphasize creativity, design communication skills, and critical thinking fundamental to the design process; intermediate studios emphasize integration of architectural subjects with design; advanced studios emphasize comprehensive integration of these elements. Student performance in all design studios is graded on a pass/no pass basis and evaluated through final reviews, written evaluations, and exit interviews with faculty members.

Design credit may be earned only through participation in design studios. BArch and MArch Track I students are required to complete 64 design studio credits. MArch Track II students are required to complete 40 design studio credits.

Architectural Subjects

Subject courses develop theory, knowledge, and skills in architecture and related disciplines, with an emphasis on learning architectural subjects in the context of design. This course work develops design skills and examines the influences of place, human activity, spatial order, structure, construction, environmental control, professional practice, and history on the practice of architecture.

Residence Requirements

For transfer students to earn the bachelor of architecture or master of architecture degree, the following minimum course work must be successfully completed in residence:

ARCH 485/585	Advanced Architectural Design I	8
ARCH 486/586	Advanced Architectural Design II	8
Design: two additional terms of architectural design		12
Architecture subjects		30
Upper-division, writing-intensive, general electives that delve into the literature of academic subjects outside the subject areas of architecture and interior architecture (undergraduates only)		16

Leave of Absence

University Policy

Graduate students should see the Continuous Enrollment statement in the**Graduate School**section of this catalog. Undergraduate students should contact the UO admissions office to learn how withdrawal from the university affects residency status.

Departmental Policy

Undergraduate and graduate students may interrupt the course of study for various reasons. In order for the department to plan for maximum use of resources, students must file a leave-of-absence form with the department indicating the expected date of return. Leave-of-absence status is renewable. Undergraduates may accumulate up to a total of two years of leave; they must file a departmental leave-of-absence

agreement and submit a reenrollment card to the Office of the Registrar. Graduate students may accumulate up to a total of one year of leave; they must file a Graduate School leave-of-absence form, available online, and a departmental agreement, available on the department website. If the limits on accumulated leave are exceeded or the leave-of-absence terms of agreement are not met, major status may be revoked. Students who do not file a leave-of-absence agreement form with the department cannot be guaranteed access to design studio courses the year they return.

Computer Literacy Requirement

Introductory architecture courses presume knowledge of computer operations, general-use software, and Internet communications. Students lacking preparation may draw on resources at A&AA Technology Services, the University Teaching and Learning Center, the Library and Learning Commons, or Information Technology services. By the end of their first year in the bachelor's or master's program, students are expected to have achieved basic literacy in computer graphics as an integrated tool for architectural design—diagramming, two-dimensional drawing, image processing, three-dimensional modeling, accurate sun casting, parametric modeling, and presentation methods. Students must have an awareness of building information modeling, digital fabrication, building performance analysis software, and geographic information systems.

Students are required to have a high-speed laptop computer and a specified complement of software. Each year the department reviews its software and hardware recommendations. Minimum hardware specifications and software requirements (http://aaatech.uoregon.edu/purchasing/student) are posted on the department website.

Mathematics and Physics Literacy Requirement

Students are required to pass a diagnostic examination to show that they have a working knowledge of prerequisite math and physics subjects prior to enrolling in Structural Behavior (ARCH461) or Structural Behavior (ARCH561) . Students who do not take (or do not pass) the examination are required to take a weeklong review course offered during the week prior to the start of fall term. In some cases, based on examination results, students may only be required to attend certain days of the review course.

Off-Campus Study

Students may participate in off-campus study programs hosted by the Department of Architecture, the Historic Preservation Program, the Department of Landscape Architecture, and the Office of International Affairs. The department has an exchange program in Stuttgart, Germany, and a close relationship with the Danish International Studies Program in Copenhagen.

Portland, Oregon

The department maintains an extension of its NAAB-accredited professional and postprofessional graduate programs at the University of Oregon in Portland, where advanced graduate and undergraduate architecture students may study. Students in the master of science or master of architecture Track II programs may complete all studies in residence in Portland or take courses in Eugene and Portland.

The University of Oregon's Portland facility, housed in the historic White Stag Block, includes studio spaces, classrooms, a fabrication shop, a computing lab, review rooms, and a library. Portland students also have access to the resources on the Eugene campus, including scholarships and financial aid. Through provisions of the Oregon University System, students in Portland may enroll in courses and use libraries at other state-system universities.

Portland is an ideal laboratory for the exploration and study of real problems in urban design and architecture. Civic and regional issues are actively studied and tested in the design studios, in courses, and through research opportunities. The school maintains strong ties with Portland's professional community of architects, planners, and developers. Additional enrichment is provided through the department's sponsorship of professional and public events. Students may take advantage of Portland's status as a major center for architectural and interior design services by seeking practicum experience or internships in local firms and organizations. The program provides interested students with opportunities to contribute to urban design projects for government agencies and nonprofit organizations in the Portland area. More information is available through the department's offices in Portland or Eugene and the department website.

Rome, Italy

The Department of Architecture and the Department of the History of Art and Architecture offer an interdisciplinary summer program in Rome, housed in the Palazzo Cenci in the historic center of the city. Rome serves as the laboratory for courses in the areas of architectural design, media, art history, and architectural history. Students live in apartments within a short walk to the facility. This program is open to majors only; architecture and interior architecture majors who have successfully completed at least four design studios are eligible to take the studio component.

Vancouver, British Columbia

This architecture and urban design program offered in the spring and based on Granville Island—one of the "world's great public spaces"—in the heart of this multicultural, dynamic metropolis and seaport. Emily Carr University of Art and Design is the host institution for the program, with design studio and support facilities located in their Granville Island buildings. Student housing is located in Vancouver's colorful West End and at Jericho Beach, along the West Point Grey waterfront. Students follow an integrated, design-based curriculum of four coordinated courses: an architectural design studio, a kinetic architecture seminar, an urban design and programming seminar, and an advanced 3-D digital modeling course.

Vicenza, Italy

This architecture program, offered in the spring, is based in the town of Vicenza in the Veneto region of Italy. The program is housed in the heart of Vicenza, where students have access to studio and seminar spaces, a library, and student lounge. The curriculum includes studio, media, and seminar courses designed for advanced architecture, interior architecture, and landscape architecture majors.

Stuttgart, Germany

Asmall number of Oregon students change places with students in the architecture programs in Stuttgart, Germany. BArch students in their third or fourth year and MArch Track I and II students who have a full year of study remaining after the exchange year are eligible. German language proficiency is required.

Danish International Studies Program

Architecture and interior architecture students travel to Copenhagen to participate in the program. Summer, fall, and academic-year options

are offered. Credits are automatically transferred and financial aid is available. Instruction is in English.

Registering for Study Abroad Courses

Students in University of Oregon study-abroad programs enroll in courses with subject codes that are unique to individual programs. Upon completion of a program, the credits earned are transferred to fulfill the appropriate degree requirements. See Study Abroad (p. 728) in the **Supplementary Academic Programming** section of this catalog for more information.

Faculty

Kyuho Ahn, associate professor (interior architecture). BFA, 1992, Hong-Ik; MFA, Iowa State. NCIDQ certificate. (2008)

Frances Bronet, Association of Collegiate Schools of Architecture Distinguished Professor (interdisciplinary design, engineering, arts and social sciences); dean. Diplôme d'Études Collégiales, 1974, BS, 1977, BArch, 1978, BEng, 1979, McGill; MS, 1985, Columbia; reg. architect, Canada; Association of Collegiate Schools of Architecture Distinguished Professor. (2005)

G. Z. Brown, Philip H. Knight Professor of Architecture (design, environmental control systems, effect of energy and material conservation on architectural form); director, Energy Studies in Buildings Laboratory. BA, 1964, MA, 1966, Michigan State; MBA, 1971, Akron; MArch, 1974, Yale; reg. architect, Oregon; fellow, American Institute of Architects. (1977)

Virginia Cartwright, Frederick Charles Baker Chair in Design; associate professor (design, Finnish architecture, lighting). AB, 1975, California, Berkeley; MArch, 1981, Oregon. (1986)

Nancy Yen-Wen Cheng, associate professor (design, digital media); director, Portland Architecture Program. BA, 1983, Yale; MArch, 1990, Harvard; reg. architect, Massachusetts; NCARBcertificate; member, American Institute of Architects. (1996)

Donald B. Corner, professor (design, construction systems, housing production). BA, 1970, Dartmouth; MArch, 1974, California, Berkeley; reg. architect, Massachusetts.(1979)

Erin Cunningham, assistant professor (history and theory, interior architecture, historic preservation). BA, 2001, Victoria; MID, 2006, Manitoba; PhD, 2010, Florida. (2010)

Howard Davis, professor (design, urban vernacular architecture, culturally sustainable urban districts); director, graduate studies. BS, 1968, Cooper Union; MS, 1970, Northwestern; MArch, 1974, California, Berkeley; Association of Collegiate Schools of Architecture Distinguished Professor. (1986)

Mark Donofrio, assistant professor (design, structures, interdisciplinary design). BA, 2004, Illinois, Chicago; MArch, 2006, Illinois, Urbana-Champaign; reg. architect, Illinois. (2010)

Stephen F. Duff, associate professor (design; structures, construction, and design-build; naval architecture). BA, 1985, Washington (Seattle); MArch, 1988, MS, 1993, California, Berkeley. (1994)

Ihab Elzeyadi, associate professor (design, environmental control systems). BArch, 1988, Graduate Diploma in Architectural Engineering, 1990, Ain Shams University; MS, 1996, Pennsylvania State; PhD, 2001, Wisconsin, Milwaukee; reg. architect, reg. engineer, Egypt. (2001)

Michael E. Fifield, professor (design, housing, urban design). BA, 1973, California, Berkeley; MArch, 1980, California, Los Angeles; reg. architect, Oregon, Arizona, Idaho; NCARBcertificate; fellow, American Institute of Architects; member, American Institute of Certified Planners. (1998)

Gerald Gast, associate professor (urban and architectural design, urban studies). BArch, 1967, MArch, 1969, Illinois; reg. architect, California. (1994)

Donald Genasci, professor (history and theory, architecture and urban design). BArch, 1963, Oregon; Dipl. in Urban Design, 1965, Architecture Association; MA, 1974, Essex; reg. architect, Oregon, NCARBcertificate; Architects' Registration Council of the United Kingdom. (1977)

Mark Gillem, professor (urban design, social and cultural factors in design). BArch, 1989, Kansas; MArch, 1996, PhD, 2004, California, Berkeley; reg. architect, California, South Dakota; NCARBcertificate;member, American Institute of Architects, American Institute of Certified Planners. (2005)

James W. Givens, senior instructor (design, design theory and process). BArch, 1985, MArch, 1989, Oregon. (1986)

Esther Hagenlocher, associate professor (architecture, interior architecture).Certificateof Profession—Cabinet Maker, 1987, Technical College, Stuttgart; DiplIng, 1994, State Academy of Art and Design, Stuttgart; MArch, 1998, University College, London; reg. architect, Germany (inactive). (2004)

Megan Haight, instructor (design, design process). BA, 1973, Stanford; MArch, 1979, Yale. (1996)

Peter A. Keyes, associate professor (design, housing research and building technology, community design). AB, 1978, Harvard; MArch, 1983, Columbia; reg. architect, New York (inactive). (1990)

Alison G. Kwok, professor (design, environmental control systems). BA, 1977, Knox; MEd, 1980, Hawaii; MArch, 1990, PhD, 1997, California, Berkeley; reg. architect, California, Oregon; NCARBcertificate;certified passive house consultant.(1998)

Nico Larco, associate professor (design, urban design, suburban development). BA, BArch, 1996, Cornell; MArch, MCUP, 2001, California, Berkeley; reg. architect, Massachusetts, NCARBcertificate. (2005)

Erin Moore, associate professor (design, technology, media). BA, 1996, Smith; MArch, 2003, California, Berkeley; reg. architect, Arizona; NCARBcertificate. (2008)

Brook Muller, associate professor (design theory, environmentally responsive architecture); associate dean for academic affairs. BA, 1987, Brown; MArch, 1992, Oregon. (2004)

Hans Joachim Neis, associate professor (urban and architectural design and theory). DiplIng, Darmstadt, 1976; MArch, 1979, MCP, 1980, PhD, 1989, California, Berkeley; reg. architect, urban designer, Germany. (2000)

Kevin Nute, professor (design history and theory, time-sensitive buildings). BA, 1981, BArch, 1985, Nottingham; PhD, 1993, Cambridge. (2000)

Otto P. Poticha, adjunct associate professor (design, architectural practice, community involvement in physical change). BS, 1958, Cincinnati; reg. architect, California, Colorado, Illinois (inactive), New Mexico, Oregon, Virginia (inactive), Washington, Washington, D.C. (inactive); NCARBcertificate; fellow, American Institute of Architects. (1962)

John S. Rowell, associate professor (design, construction, building enclosure). BS, 1984, British Columbia; MArch, 1990, Oregon; reg. architect, Washington, Oregon, California; NCARBcertificate; member, American Institute of Architects. (1996)

Judith E. Sheine, professor (design, history and theory, housing);department head. AB, 1975, Brown; MArch, 1979, Princeton; reg. architect, California. (2012)

Alison B. Snyder, associate professor (design, urban-rural vernacular culture, ancient and modern sacred space and light); director, Interior Architecture Program. BA, 1982, Washington (St. Louis); MArch, 1987, Columbia; reg. architect, New York, Pennsylvania, New Jersey (inactive). (1997)

Philip Speranza, assistant professor (design, design communications). BS, 1997, Virginia; MArch, 2002, Columbia; reg. architect, California, New York. (2011)

Robert L. Thallon, associate professor (design, media, construction); associate dean for administration. BA, 1966, California, Berkeley; MArch, 1973, Oregon; reg. architect, Oregon, California. (1979)

Roxi Thoren, associate professor. See **Landscape Architecture**.

James T. Tice, professor (urban design, architectural history and theory). BArch, 1968, MArch, 1970, Cornell; reg. architect, California. (1990)

Glenda Fravel Utsey, associate professor (design, site-specific process and skill development, settlement patterns); associate head, student affairs. BArch, 1971, MLA, 1977, Oregon. (1981)

Daisy-O'lice Ida Williams, assistant professor (design, design communications); BS, 2002, MArch, 2005, Florida A&M. (2011)

Jenny Young, professor (design, programming, health-care facilities). BA, 1970, Vassar; MArch, 1974, California, Berkeley; reg. architect, Oregon. (1982)

Linda K. Zimmer, associate professor (design, media, behavioral factors). BIArch, 1982, Kansas State; MIArch, 1990, Oregon; NCIDQcertificate; member, Institute of Business Designers. (1990)

Courtesy

Edward Allen, courtesy professor (technical teaching program). BArch, 1962, Minnesota; MArch, 1964, California, Berkeley; reg. architect, Massachusetts. (2001)

Emeriti

Stanley W. Bryan, professor emeritus. BArch, 1947, Washington (Seattle); MArch, 1948, Massachusetts Institute of Technology; reg. architect, Oregon, Washington, California; member, Construction Specifications Institute. (1955)

Wilmot G. Gilland, professor emeritus. AB, 1955, MFA, 1960, Princeton; reg. architect, California, Oregon; Fellow, American Institute of Architects. (1969)

Arthur W. Hawn, professor emeritus. BA, 1961, MA, 1964, Washington State; Fellow, Interior Design Educators Council. (1967)

Rosaria Flores Hodgdon, associate professor emerita. Arch. Dipl., 1946, University of Naples; reg. architect, Massachusetts. (1972)

Earl E. Moursund, professor emeritus. BS, 1949, Texas; MArch, 1951, Cranbrook Academy of Art; reg. architect, Texas. (1955)

Gary W. Moye, associate professor emeritus. BArch, 1967, Oregon; MArch, 1968, Pennsylvania; reg. architect, Pennsylvania, New York, Oregon. (1976)

Donald L. Peting, associate professor emeritus; assistant dean, architecture and allied arts. BArch, 1962, Illinois; MArch, 1963, California, Berkeley; reg. architect, Oregon, Washington. (1963)

James A. Pettinari, professor emeritus. BArch, 1966, Minnesota; MArch, 1970, Pennsylvania; reg. architect, Minnesota; NCARBcertificate. (1975)

Guntis Plesums, professor emeritus. BArch, 1961, Minnesota; MArch, 1964, Massachusetts Institute of Technology; reg. architect, Oregon, New York. (1969)

John S. Reynolds, professor emeritus. BArch, 1962, Illinois; MArch, 1967, Massachusetts Institute of Technology; reg. architect, Oregon; fellow, American Institute of Architects; Association of Collegiate Schools of Architecture Distinguished Professor. (1967)

Charles W. Rusch, professor emeritus. AB, 1956, Harvard; BArch, 1964, MArch, 1966, California, Berkeley. (1978)

Michael D. Utsey, associate professor emeritus. BArch, 1967, Texas; MEvD, 1971, Yale; reg. architect, Oregon. (1967)

The date in parentheses at the end of each entry is the first year on the University of Oregon faculty.

- **Bachelor of Architecture** (p. 410)
- **Minor** (p. 411)

Undergraduate Studies

Undergraduate programs include the bachelor of architecture (BArch) degree and the minor in architecture. The five-year professional BArch degree program is highly structured the first two years and more flexible the last three. This flexibility allows each student to establish a study sequence according to individual interests and needs. Transfer students should be aware that an accelerated program is normally possible only for students who transfer from an NAAB-accredited architecture program.

Prospective applicants who have a four-year undergraduate degree in any field must apply to the graduate program (see Graduate Admission).

Major Requirements: 231 credits

The bachelor's degree program includes requirements for a liberal education.

General-Education Requirements for Professional School Majors

Select one of the following:		8
WR121	College Composition I	
&WR122	and College Composition II	

WR121 &WR123	College Composition I and College Composition III	
ARH314	History of Western Architecture I	4
orARH315	History of Western Architecture II	
Select two arts and letters courses (p. 43)		8
Select three social science courses (p. 46)		12
PHYS201–202	General Physics	8
Select one science course (p.)		4
Select two multicultural requirements from different categories, if not met in other courses (p. 50)		8
Total Credits		**52**

Additional Requirements

Electives [1]	27
Upper-division writing-intensive electives [2]	16
Total Credits	**43**

1 Electives enable students to study general subjects beyond university group requirements and continue liberal studies beyond introductory courses.

2 These courses delve into the literature of academic subjects outside the subject areas of architecture and interior architecture. The upper-division electives may not be courses in performance, service, weekend seminar, human development, or leisure studies.

Professional BArch Requirements: 144 credits

Introductory Architectural Design Studios		
ARCH283–284	Architectural Design I-II	12
ARCH383–384	Architectural Design III-IV	12
Intermediate Architectural Design Studios		
ARCH484	Architectural Design (repeatable studio for all professional-degree students; BArch students must complete four terms of ARCH484) [1]	24
Advanced Architectural Design Studios		
ARCH485–486	Advanced Architectural Design I-II	16
Architectural Design Skills		
ARCH201	Introduction to Architecture	4
ARCH202	Design Skills	3
ARCH222	Introduction to Architectural Computer Graphics	4
ARCH423	Media for Design Development: [Topic]	3
Architectural Design Theory and Practice		
ARCH430	Architectural Contexts: Place and Culture	4
ARCH440	Human Context of Design	4
ARCH450	Spatial Composition	4
ARCH461	Structural Behavior	4
ARCH462	Wood and Steel Building Systems	4
ARCH470	Building Construction	4
ARCH471	Building Enclosure	4
ARCH491–492	Environmental Control Systems I-II	8
ARCH417	Context of the Architectural Profession	4
Architectural History		16
Select one of the following:		
ARCH314	History of Western Architecture I	
ARCH315	History of Western Architecture II	
ARCH314–315	History of Western Architecture I-II	
Approved 400-level courses in architectural history (see Architecture History sequence options on department website)		
Architectural Electives		
Advanced building technology elective		4
400-level ARCH or IARC courses		3
Approved 400-level courses in allied fields		3
Total Credits		**144**

1 LA489 Site Planning and Design, IARC484 Interior Design, or IARC486 Furniture Design may be substituted for one of the required ARCH484 Architectural Design studios.

A sample plan for the bachelor of architecture degree (http://architecture.uoregon.edu/programs/b.arch) is available on the department website.

Minor Requirements: 26 credits

ARCH201	Introduction to Architecture	4
ARCH484	Architectural Design (only required for interior architecture and landscape architecture majors) [1]	6
Electives (see table below; any students outside of interior architecture and landscape architecture must take 22 credits of electives)		16
Total Credits		**26**

1 ARCH484 Architectural Design is a course that may not be taken by students outside of the Department of Architecture, with the exception of landscape architecture students.

Electives

AAA407	Seminar: [Topic] (City Growth and Design)	4
AA408	Workshop: [Topic] (Holistic Options for Planet Earth Sustainability Conference)	1
ARCH430	Architectural Contexts: Place and Culture	4
ARCH435	Principles of Urban Design	4
ARCH436	Theory of Urban Design I	3
ARCH438	Housing Prototypes	3
ARCH439	Minimal Dwelling	3
ARCH440	Human Context of Design	4
ARCH449	Architectural Programming	3
ARCH491	Environmental Control Systems I	4
ARCH492	Environmental Control Systems II	4
ARH314	History of Western Architecture I	4
ARH315	History of Western Architecture II	4

Undergraduates who are enrolled in any major can apply to the minor. Completed applications including supporting academic records and a curriculum worksheet are submitted to the Department of Architecture office. Applicants are notified when their applications have been

approved. Because the department's first obligation is to its majors, it cannot guarantee availability of courses for minors. Minors may register if space is available after the needs of majors have been met. Space for enrollment in the minor program is limited.

Undergraduate Admission

Interest in the program exceeds the capacity of the department. Approximately equal numbers of first-year and transfer (including change-of-major) applicants are admitted to the first year of the bachelor of architecture program each year. A smaller number of applicants from other NAAB-accredited or recognized programs are admitted as advanced transfer students. Prospective students should review application requirements posted online during the fall, well before application deadlines (see Application Deadlines in the **Admissions** section of this catalog). January 15 is the deadline for completion of both the department and university applications. Applications are reviewed and accepted only once each year. Admission notices are e-mailed by April 1.

Admission to the BArch major program is through a selective review that focuses on three attributes: creative potential, academic capability, and potential for contribution to the program through diversity of background, experience, maturity, or demonstrated motivation. Students are expected to submit specific materials supporting each of these attributes (academic records, essays, recommendations, and a portfolio of creative work). Applicants need not have prior course work in building design, but they are encouraged to seek a broad foundation in the visual arts (e.g., drawing, painting, sculpture, graphic design). Experience with crafts and construction may also demonstrate evidence of creative potential.

Accepted applicants must be academically secure. To be considered, applicants must submit SAT scores, and first-year applicants should have grades and scores that meet the following criteria:

1. High school grade point average (GPA)—3.25
2. Total of all SAT I sections—1650 (Verbal–Critical Reading SAT I—550; Mathematics SAT I—550; Writing SAT I—550)

Test of English as a Foreign Language (TOEFL) scores are required for students whose first language is not English; a minimum total score of 575 (paper-based test) or 88 (Internet-based test).

Transfer applicants (those with at least 30 college credits) must have a minimum college or university GPA of 3.00 and meet the other criteria listed above for first-year applicants.

Prospective applicants to the BArch degree program or the minor in architecture (http://architecture.uoregon.edu/programs/minors) may find information about the program and application requirements on the department website (http://architecture.uoregon.edu).

- **Master of Architecture** (p. 412)
- **Master of Science** (p. 413)
- **Doctor of Philosophy** (p. 414)
- **Certificate in Ecological Design** (p. 415)
- **Certificate in Technical Teaching in Architecture** (p. 415)

Graduate Studies

There are three graduate degree programs in architecture: the professional master of architecture (MArch) degree, the postprofessional master of science in architecture (MS) degree, and the doctor of philosophy (PhD) degree. Graduate certificate programs (http://architecture.uoregon.edu/programs/certificates) sponsored by the department include ecological design, museum studies, new media and culture, Oregon leadership in sustainability, and technical teaching in architecture. Students interested in pursuing a concurrent master's degree in interior architecture (http://architecture.uoregon.edu/programs/concurrent) may find information about the combined degree requirements and application procedures on the Department of Architecture website.

Students enrolled in the master of science degree program must take a minimum of 45 graduate credits, of which 30 must be in architecture and 9 must be at the 600 level. The PhD degree program consists of a minimum of 66 graduate-level credits, including at least 50credits in the Department of Architecture. These degree programs do not have a graded-credit requirement, although students who enroll for graded credits must maintain a 3.00 minimum GPA. Additional requirements for each program are listed below.

Professional Master of Architecture Degree Requirements

The professional, NAAB-accredited master of architecture (MArch) degree program prepares students for careers in architectural practice and careers in allied professions that contribute to shaping the built environment.

The department offers two tracks of study, both of which lead to the MArch degree.Track I typically takes ten terms to complete and requires 144 credits. Track II is a six-term advanced placement program that requires approximately 87 credits (the exact number determined on the basis of individual evaluation of prior course work at the time of admission).

Track I students typically complete all or most of the MArch degree program requirements at the University of Oregon, and begin the program the summer before their first full academic year of study.Students with bachelor's degrees (BA, BS) other than a preprofessional degree in architecture must apply to the Track I program.

Students with degrees in related design disciplines (e.g., landscape architecture, interior architecture, environmental design, or architecture degrees from programs at schools that are not accredited) may be given advanced standing, up to a maximum of three terms of studio credit for equivalent prior studio work. Track I students may apply to transfer to Portland after completing the introductory design studio sequence in Eugene.

Track II is for applicants who have a four-year preprofessional degree in architecture from an institution where the four-year degree is part of a "four plus two" NAAB-accredited degree program. Students admitted into Track II begin their studies fall term. Applicants who have a four-year preprofessional degree in an environmental design discipline and an equivalent amount of professional studio and course work may be considered for Track II. Track II students must fulfill the same professional curriculum requirements as the Track I program, but are admitted with advanced standing in studio and subject-area courses. The extent of this advanced standing is determined by the department before beginning the program. This preliminary evaluation of course waivers is provisional, pending satisfactory completion of three terms in residence.

MArch Track I

Introductory Architectural Design Studios		
ARCH680 &ARCH681 &ARCH682	Introductory Graduate Design and Introductory Graduate Design and Introductory Graduate Design	18
Intermediate Architectural Design Studios		
ARCH584	Architectural Design (repeatable studio for all professional-degree students) [1]	30
Advanced Architectural Design Studios		
ARCH585 &ARCH586	Advanced Architectural Design I and Advanced Architectural Design II	16
Architectural Design Skills		
ARCH611	Graduate Design Process	3
ARCH523	Media for Design Development: [Topic]	3
Architectural Design Theory and Practice		
ARCH530	Architectural Contexts: Place and Culture	4
ARCH540	Human Context of Design	4
ARCH550	Spatial Composition	4
ARCH561	Structural Behavior	4
ARCH562	Wood and Steel Building Systems	4
ARCH570	Building Construction	4
ARCH571	Building Enclosure	4
ARCH591 &ARCH592	Environmental Control Systems I and Environmental Control Systems II	8
ARCH517	Context of the Architectural Profession	4
Architectural History		
Approved 500- or 600-level courses in architectural history [2]		12
Architectural Electives		
Advanced building technology elective		4
500- or 600-level ARCH or IARC courses		9
Approved 500- or 600-level courses in architecture or allied fields		9
Total Credits		**144**

1. LA589 Site Planning and Design, IARC584 Interior Design, or IARC586 Furniture Design may be substituted for one of the required ARCH584 Architectural Design studios.
2. Students must take at least one course in each of the following historical periods: ancient, Renaissance, and modern.

Of the required 144 credits, 15 credits must be applied to anadvanced study cluster (http://architecture.uoregon.edu/current/m.arch-cluster) or 16 credits must be applied to a specialization. This work may include an independent research project.

MArch Track I Sample Plan of Study

MArch Track II

Intermediate Architectural Design Studios		
ARCH584	Architectural Design (repeatable studio for all professional-degree students) [1]	12
ARCH683	Graduate Architectural Design: Track II	6
Advanced Architectural Design Studios		
ARCH585 &ARCH586	Advanced Architectural Design I and Advanced Architectural Design II	16
Architectural Design Skills		
ARCH611	Graduate Design Process	3
ARCH523	Media for Design Development: [Topic]	3
Architectural Design Theory and Practice		
ARCH530	Architectural Contexts: Place and Culture	4
ARCH540	Human Context of Design	4
ARCH550	Spatial Composition	4
ARCH561	Structural Behavior	4
ARCH562	Wood and Steel Building Systems	4
ARCH570	Building Construction	4
ARCH571	Building Enclosure	4
ARCH591 &ARCH592	Environmental Control Systems I and Environmental Control Systems II	8
ARCH517	Context of the Architectural Profession	4
Architectural History		
Approved 500- or 600-level courses in architectural history [2]		12
Architectural Electives		
Advanced building technology elective		4
500- or 600-level ARCH or IARC courses		9
Approved 500- or 600-level courses in allied fields		9
Total Credits		**114**

1. LA589 Site Planning and Design, IARC584 Interior Design, or IARC586 Furniture Design may be substituted for one of the required ARCH584 Architectural Design studios.
2. Students must take at least one course in each of the following historical periods: ancient, Renaissance, and modern.

Of the required 87 credits done in residence, 15 credits must be applied to an advanced study cluster (http://architecture.uoregon.edu/current/m.arch-cluster) or 16 credits must be applied to a specialization. This work may include an independent research project.

Students admitted into the Track II program are expected to have completed professional courses in building technology, architectural history, architectural design, and other subject areas in their undergraduate degree program. Students with insufficient preparation may be admitted with deficiencies. Satisfaction of the specific deficiencies may require additional course work for the degree. Students intending to enroll in the Track II program in Portland may be required to fulfill deficiencies on the Eugene campus before they may commence study in Portland.

Postprofessional Master of Science Degree Requirements

The master of science degree program provides an opportunity for advanced study and contribution to knowledge in the field through the thesis. It leads to the master of science in architecture (MS) as a postprofessional degree and applicants must have, or expect to complete, a professional degree in architecture to be eligible for the MS program. Students complete a minimum of four terms in residence and are required to complete 9 credits in ARCH503 Thesis or ARCH611 Graduate Design Process. Students in this program are expected to develop an individual research topic in one or more of the following areas of faculty research:

1. Building environments: quality, function and aesthetics
2. Sustainable cities and settlements, livable communities, urban design, housing design
3. Green technologies, high-performance envelopes, net-zero buildings, eco-districts
4. Craft and fabrication: green building materials and products
5. Behavioral factors: cultural, social, and economic sustainability
6. Raising levels of occupant and community member perception, performance, and health
7. Design modeling, simulations, and communications
8. Architectural and urban history, preservation, adaptive reuse

The postprofessional MS curriculum focuses on individual research that draws from professional and general university courses and consultation with the student's advisor and thesis committee. For more information about the thesis, see the **Graduate School** section of this catalog.

Doctor of Philosophy Requirements

The PhD degree program focuses on sustainable design, addressing the needs of the profession as society faces the environmental impact of its cities. It prepares students for careers at universities and other institutions engaged in research related to sustainable design, such as national research laboratories, industry research and development, public agencies, and nongovernment organizations. PhD students address research topics that encompass spatial, environmental, historical, social, political, technical, and economic factors. In addition to a rigorous understanding of building performance, aspects of sustainable community development, and broader social processes and policies, each student is expected to demonstrate an understanding of theory and research in a related focus area. Completion of the program requires demonstrated excellence through original contributions to the field. Depending on background and research goals, students can expect to complete the degree in three to six years, with four to five years being most typical. There is a minimum residency of two years of full-time graduate work at the Eugene campus.

The program supports advanced study in the following areas:

- Design and policy for sustainable cities and livable communities
- Design for climate change and adaptation
- Cultural, social, and economic sustainability
- Net-zero building and eco-district design
- Resource forecasting and simulation of place and building performance
- Energy-efficient, adaptive reuse of existing buildings
- Indoor environmental quality and occupant health
- High-performance building envelopes and green technologies
- Life-cycle building analysis design and modeling

Students are required to satisfy university PhD requirements explained in the **Graduate School** section of this catalog and on the Graduate School website. Degree requirements include the following:

- Five required theory and research courses that address qualitative and quantitative studies of environmental and building design and the planning processes that shape them
- 4 credits of supervised college teaching
- Additional course work in two focus areas, one within the department and one in a different department or program to develop knowledge of a second discipline that supports the student's research (e.g., anthropology, architectural history, biology, ecology, education, landscape architecture, planning theory, urban geography). Courses are selected in consultation with a faculty advisor
- A written comprehensive exam followed by an oral comprehensive exam upon completion of course work, typically at the end of the second year. After the student has passed both the written and oral comprehensive exams, he or she will be advanced to candidacy
- A dissertation proposal typically submitted the term following the comprehensive exams, but at least within three terms of the exams. The student forms a dissertation committee that must approve the proposal following a scheduled public proposal presentation and before undertaking the dissertation
- A public presentation and defense of the dissertation research followed by final approval by the dissertation committee

The required 84 credits are distributed as follows:

Doctor of Philosophy Degree Requirements

Research and Investigation [1]		
ARCH601	Research: [Topic]	8
ARCH620	Research Methods in Sustainable Design	2-6
PPPM656	Quantitative Methods	4
ARCH678	Advanced Research in Sustainable Design	2-6
ARCH695	Advanced Dissertation Proposal Development	4-6
Primary Inside Focus Area [2]		
ARCH617	Built Environment Design and Theory	4
ARCH633	History of Sustainable Design	4
Advanced electives (500 level and above)		1
Secondary Outside Focus Area [3]		
ARCH602	Supervised College Teaching	1-6
orARCH661	Teaching Technical Subjects in Architecture	
Courses at the 600 level		16
Dissertation		
ARCH603	Dissertation [4]	18

1 A minimum of 24 credits required.

2 A minimum of 22 credits required.

3 A minimum of 16 graduate credits required.

4 A minimum of 18 credits required.

Graduate Admission

Admission to the professional MArch and postprofessional MS graduate degree programs is through a selective review that focuses on three attributes: creative capability, academic capability, and potential contribution to the program through diversity of background, experience, or demonstrated motivation. Applications include a résumé, a biographical statement, a statement of interest in the field of architecture, a portfolio of creative work, three letters of recommendation, and official transcripts from all postsecondary educational institutions attended.Applicants must take the Graduate Record Examinations (GRE) so that the scores, a required component of the application, can be reported by the application deadline. Applicants whose first language is not English must also submit scores from the Test of English as a Foreign Language (TOEFL) of at least 575 (paper-based) or 88 (Internet-based). Applications must be postmarked by the first Monday after January 1 for

applicants to be considered for admission the subsequent fall term (or summer session for the MArch Track I students). Notifications of results are e-mailed by April 1.

Prospective applicants to the MArch degree program may find information about the programs and application requirements at the department website (http://architecture.uoregon.edu).

Prospective applicants to graduate certificate programs should contact the office of the academic unit that administers the certificate program to get information about application requirements.

Admission to the PhD degree program is through a highly selective review that focuses on the applicants' prior academic and professional preparation and their demonstrated potential to make original research contributions and contribute to the teaching and research mission of the department. Prospective PhD students must have earned a professional master of architecture degree, a postprofessional graduate degree in architecture, or a professional degree in architecture and a graduate degree in a related field. Professional experience in architecture or an allied field is strongly recommended. Applications include a curriculum vitae, a personal statement of academic and career goals that addresses all items requested in the application instructions, a portfolio of creative and scholarly work including at least one writing sample, three letters of recommendation including two from referees with academic affiliations, official transcripts from all postsecondary educational institutions attended, and Graduate Record Examination (GRE) scores. Applicants whose first language is not English must also submit scores from the Test of English as a Foreign Language (TOEFL) of at least 575 (paper-based) or 90 (Internet-based). Applications must be postmarked by December 1 prior to the fall term of anticipated enrollment. Prospective applicants can find information about the PhD program and application requirements at the department website.

Graduate Teaching and Research Fellowships

A number of graduate teaching or research fellowships (GTFs) are available to well-qualified graduate students. MS or MArch Track II applicants with previous education in architecture or an allied field are encouraged to apply for GTF positions. MArch Track I students are generally selected in the second or third year of their degree program. Information about the GTF application process is available on the department and Graduate School websites.

- **Certificate in Museum Studies**
- **Certificate in New Media and Culture**
- **Certificate in Oregon Leadership in Sustainability**

Certificate in Ecological Design

The certificate in ecological design is an interdisciplinary program focused on the development of a practical framework for the integration of the built environment with local and regional natural systems. It is available to all graduate students within the School of Architecture and Allied Arts. Participating students develop an in-depth understanding of the relationships between ecological processes, issues of cultural and social sustainability, and urban development and form, as well as how allied design and planning disciplines approach these relationships.

Students must complete a minimum of 24 credits in approved ecological design subject courses. Of these, 11–12 credits must come from a list of foundation courses; 12–13 additional credits are selected by students from a list of approved electives. A maximum of 12 credits may be counted for both the certificate and a graduate degree program, but required courses for the degree will not satisfy certificate electives. For most architecture and interior architecture students, this certificate requires 12 credits in addition to their degree requirements. Some students may need to complete prerequisites to develop subject proficiency for approved electives. More information on course requirements and application to the certificate program may be found online, aaa.uoregon.edu/certificates/ecological-design.

Certificate in Technical Teaching inArchitecture

The Technical Teaching Certificate program prepares graduate students in the fields of architecture and interior architecture for teaching positions on building technology in academic and professional settings. Building technology includes subjects such as structural design, construction materials and processes, and environmental control systems. Students investigate curricula, tools, and strategies for teaching and concentrate on improving their comprehensive knowledge of the technical subjects. It is designed for graduate students enrolled in the postprofessional MS programs in architecture and interior architecture, but graduate students in the professional MArch Track I and II programs may apply. Individuals who hold a master's degree and at least one professional degree in architecture or interior architecture may apply to this certificate program without being concurrently enrolled in a master's program at the University of Oregon.

Certificate candidates must demonstrate advanced proficiency in at least one technical subject area (structures, construction, or environmental control) and have the background necessary to teach at the introductory level in the other two. This requirement may be fulfilled by submitting a portfolio documenting professional experience or prior course work to the technology faculty, or it can be met by completing a sequence of advanced courses. A minimum of 24 credits is required for the certificate. A maximum of 12 credits may be counted for both the certificate and a graduate degree program, but required courses for the degree will not satisfy certificate electives. More information on course requirements and application to the certificate program may be found online, architecture.uoregon.edu/programs/techteaching.

Courses

ARCH196. Field Studies: [Topic]. 1-3 Credits.
Repeatable.

ARCH198. Workshop: [Topic]. 1-3 Credits.
Repeatable.

ARCH199. Special Studies: [Topic]. 1-5 Credits.
Repeatable.

ARCH201. Introduction to Architecture. 4 Credits.
Offers a structure of principles for making places for people. Examines places, design procedures, and the use of archtiectural principles in general.

ARCH202. Design Skills. 3 Credits.
Introduction to basic design processes, methods, and media.
Prereq: ARCH 201 or IARC 204; coreq: ARCH 283.

ARCH222. Introduction to Architectural Computer Graphics. 4 Credits.
Introduces basic skills and literacy with the computer for architectural illustration, drafting, and design.
Prereq: ARCH 202.

ARCH283. Architectural Design I. 6 Credits.
Design studio projects and exercises introducing fundamental concepts and considerations in environmental design. Teaches knowledge and skills needed in subsequent studios and professional course work. Sequence with ARCH 284.
Prereq: ARCH 201 or IARC 204; coreq: ARCH 202.

ARCH284. Architectural Design II. 6 Credits.
Design studio projects and exercises introducing fundamental concepts and considerations in environmental design. Teaches knowledge and skills needed in subsequent studios and professional course work. Sequence with ARCH 283.
Prereq: ARCH 202, 283; coreq: ARCH 222.

ARCH383. Architectural Design III. 6 Credits.
Studio projects. Integration of issues of context, activity support, spatial order, construction, structure, and environmental control. Emphasis on schematic concept formation and subsequent architectural development. Sequence with ARCH 384.
Prereq: ARCH 284.

ARCH384. Architectural Design IV. 6 Credits.
Studio projects. Integration of issues of context, activity support, spatial order, construction, structure, and environmental control. Emphasis on schematic concept formation and subsequent architectural development. Sequence with ARCH 383.
Prereq: ARCH 383 and 222.

ARCH399. Special Studies: [Topic]. 1-6 Credits.
Repeatable.

ARCH401. Research: [Topic]. 1-6 Credits.
Repeatable.

ARCH403. Thesis. 1-9 Credits.
Repeatable.

ARCH405. Reading and Conference: [Topic]. 1-6 Credits.
Repeatable.

ARCH406. Special Problems: [Topic]. 1-6 Credits.
Repeatable.

ARCH407. Seminar: [Topic]. 1-6 Credits.
Repeatable.

ARCH408. Workshop: [Topic]. 1-6 Credits.
Repeatable.

ARCH409. Practicum: [Topic]. 1-6 Credits.
Repeatable.

ARCH410. Experimental Course: [Topic]. 1-6 Credits.
Repeatable.

ARCH417. Context of the Architectural Profession. 4 Credits.
Introduction to the professional practice of architecture and related careers. Examines the professional, legal, and regulatory environment; firm organization and management; marketing; contractual issues; and the construction process.
Prereq: ARCH 484 or IARC 484 or LA 489.

ARCH423. Media for Design Development: [Topic]. 3 Credits.
Instruction in media for design process. Techniques for problem and context analysis, generating concepts, developing form, and testing proposals. Subject emphasis varies with instructor. Repeatable.
Prereq: ARCH 202.

ARCH424. Advanced Design-Development Media: [Topic]. 3 Credits.
Advanced instruction in specific media techniques for architectural analysis and design. Subject emphasis varies with instructor. Repeatable.
Prereq: ARCH 423.

ARCH430. Architectural Contexts: Place and Culture. 4 Credits.
How the design of buildings interacts with physical and cultural contexts of human traditions, landscape, settlements, cities, and suburbs. Historical and contemporary examples.
Prereq: ARCH 284 or architectural minor status.

ARCH431. Community Design. 3 Credits.
Multidisciplinary examination of the history, theory, and practice in the design and development of meaningful and sustainable neighborhoods. Special focus selected by faculty. Open to all majors. Offered alternate years.
Prereq: junior standing.

ARCH435. Principles of Urban Design. 4 Credits.
Introduction to theory and practice of urban design, comparative studies of neighborhood conservation, central city regeneration, growth policies and prospects for restructuring cities, metropolitan regions.
ARCH 284 or architecture minor status.

ARCH436. Theory of Urban Design I. 3 Credits.
Examines the cultural and formal ideas that underlie American and European urban design. Ancient Greek to 1700.
Prereq: ARCH 430.

ARCH437. Theory of Urban Design II. 3 Credits.
Examines the cultural and formal ideas that underlie American and European urban design. 1700 to the present.
Prereq: ARCH 430.

ARCH438. Housing Prototypes. 3 Credits.
An examination of modern housing prototypes (1920s to the present) with an emphasis on understanding the many and varied factors involved in the production of quality housing. Open to all majors.
Prereq: Junior standing.

ARCH439. Minimal Dwelling. 3 Credits.
Examination of the design of small dwelling units for a variety of users. Offered alternate years.
Prereq: junior standing.

ARCH440. Human Context of Design. 4 Credits.
Theoretical principles, case studies, and technical skills for assessing user needs, developing building programs, applying research findings to design, and evaluating performance of the built environment.
Prereq: ARCH 284 or architectural minor status.

ARCH449. Architectural Programming. 3 Credits.
Theory and methods for uncovering and defining requirements for an architectural project including philosophic, sociological, operational, economic, and contextual issues.
Prereq: ARCH 384.

ARCH450. Spatial Composition. 4 Credits.
Architectural space as a means to measure existence and expand awareness. Focus on compositional principles in architecture and methods for analyzing and generating spatial organizations.
Prereq: ARCH 284 or architectural minor status.

ARCH457. The Facade. 3 Credits.
Ideas related to facade as primary surface of architectural representation. Emphasizes the facade as a mediator between internal and external building needs.
Prereq: ARCH 450.

ARCH458. Types and Typology. 3 Credits.
Critical introduction to theory of typology that categorizes urban and architectural forms by formal characteristics and cultural meaning. Lectures cover basic concepts, historical development, and case studies.
Prereq: ARCH 384, 450.

ARCH461. Structural Behavior. 4 Credits.
Developes basic understanding of structural systems or elements and their implications for architectural form. Lectures, laboratories, and case studies investigate structure in historical and contemporary buildings.
Prereq: PHYS 201, 202; passing score on diagnostic examination.

ARCH462. Wood and Steel Building Systems. 4 Credits.
Historical development of materials. Analyzes elements, connections, and systems of wood, steel, and concrete structures from the perspective of construction process, spatial and structural design.
Prereq: ARCH 461.

ARCH470. Building Construction. 4 Credits.
Provide an understanding of the basic materials and methods of architecture with emphasis on the design, construction and performance of primary structure.
Prereq: ARCH 284 or architectural minor status.

ARCH471. Building Enclosure. 4 Credits.
Selection, design, detailing, and performance evaluation of building envelopes: wood, metals, glass, concrete, and masonry veneers and roofing.
Prereq: ARCH 462, 470, 491.

ARCH476. Residential Construction. 4 Credits.
Provides an understanding of basic materials and methods of North American residential construction with emphasis on design and construction of the wood light frame. Offered alternate years.
Prereq: ARCH 470/570, 30 credits of design studio.

ARCH480. Supervised Design Teaching. 1-3 Credits.
Supervised assistance with desk critiques and tasks related to studio teaching. Written application required. Repeatable for a maximum of 3 credits.
Prereq: ARCH 384.

ARCH484. Architectural Design. 6 Credits.
Design projects requiring comprehensive and integrative study over a wide range of project options. Individual criticism, group discussions, lectures and seminars by visiting specialists, public review of projects. Repeatable.
Prereq: ARCH 384.

ARCH485. Advanced Architectural Design I. 8 Credits.
In-depth work on complex design projects and design development beyond that normally possible in intermediate studios. Sequence.
Prereq: 24 credits in ARCH 484.

ARCH486. Advanced Architectural Design II. 8 Credits.
In-depth work on complex design projects and design development beyond that normally possible in intermediate studios.
Prereq: ARCH 485.

ARCH491. Environmental Control Systems I. 4 Credits.
Influence of energy source, climate, heating, cooling, lighting, acoustics, and water and waste systems on design of buildings and sites. Architectural and mechanical means to manipulate thermal environment. Sequence.
ARCH 284 or architecture minor status.

ARCH492. Environmental Control Systems II. 4 Credits.
Influence of energy source, climate, heating, cooling, lighting, acoustics, and water and waste systems on design of buildings and sites. Implications of lighting, acoustics, and water and waste for architectural design.
ARCH 284 or architecture minor status.

ARCH495. Daylighting. 3 Credits.
"Daylighting"—increasing the energy efficiency of a building by maximizing the amount of daylight versus electric light—as an element in architectural design. Models and photography used to study behavior of light. Case studies and prediction techniques.
Prereq: ARCH 492.

ARCH496. The Window. 3 Credits.
Window as an element of architectural design. Emphasis on historical, philosophical, artistic, literary, morphological, thermal, manufacturing, construction, cost, structural, lighting, and compositional perspectives.
Prereq: ARCH 384, 471, 491.

ARCH498. Energy Scheming. 3 Credits.
Designing energy efficiency using Energy Scheming software. Achieving performance through materials selection and building form, use of the sun for heating and lighting, the wind for cooling.
Prereq: ARCH 491.

ARCH503. Thesis. 1-9 Credits.
Repeatable.

ARCH507. Seminar: [Topic]. 1-6 Credits.
Repeatable.

ARCH508. Workshop: [Topic]. 1-6 Credits.
Repeatable.

ARCH510. Experimental Course: [Topic]. 1-6 Credits.
Repeatable.

ARCH517. Context of the Architectural Profession. 4 Credits.
Introduction to the professional practice of architecture and related careers. Examines the professional, legal, and regulatory environment; firm organization and management; marketing; contractual issues; and the construction process.

ARCH523. Media for Design Development: [Topic]. 3 Credits.
Instruction in media for design process. Techniques for problem and context analysis, generating concepts, developing form, and testing proposals. Subject emphasis varies with instructor. Repeatable.
Prereq: ARCH 611.

ARCH524. Advanced Design-Development Media: [Topic]. 3 Credits.
Advanced instruction in specific media techniques for architectural analysis and design. Subject emphasis varies with instructor. Repeatable.
Prereq: ARCH 423/523.

ARCH530. Architectural Contexts: Place and Culture. 4 Credits.
How the design of buildings interacts with physical and cultural contexts of human traditions, landscape, settlements, cities, and suburbs. Historical and contemporary examples.
Prereq: ARCH 680 or 683.

ARCH531. Community Design. 3 Credits.
Multidisciplinary examination of the history, theory, and practice in the design and development of meaningful and sustainable neighborhoods. Special focus selected by faculty. Open to all majors. Offered alternate years.

ARCH535. Principles of Urban Design. 4 Credits.
Introduction to theory and practice of urban design, comparative studies of neighborhood conservation, central city regeneration, growth policies and prospects for restructuring cities, metropolitan regions.
ARCH 680.

ARCH536. Theory of Urban Design I. 3 Credits.
Examines the cultural and formal ideas that underlie American and European urban design. Ancient Greek to 1700.

ARCH537. Theory of Urban Design II. 3 Credits.
Examines the cultural and formal ideas that underlie American and European urban design. 1700 to the present.
Prereq: ARCH 4/536.

ARCH538. Housing Prototypes. 3 Credits.
An examination of modern housing prototypes (1920s to the present) with an emphasis on understanding the many and varied factors involved in the production of quality housing. Open to all majors.

ARCH539. Minimal Dwelling. 3 Credits.
Examination of the design of small dwelling units for a variety of users. Offered alternate years.

ARCH540. Human Context of Design. 4 Credits.
Theoretical principles, case studies, and technical skills for assessing user needs, developing building programs, applying research findings to design, and evaluating performance of the built environment.
Prereq: ARCH 680 or 683.

ARCH549. Architectural Programming. 3 Credits.
Theory and methods for uncovering and defining requirements for an architectural project including philosophic, sociological, operational, economic, and contextual issues.
Prereq: ARCH 682 or 683.

ARCH550. Spatial Composition. 4 Credits.
Architectural space as a means to measure existence and expand awareness. Focus on compositional principles in architecture and methods for analyzing and generating spatial organizations.
Prereq: ARCH 680.

ARCH557. The Facade. 3 Credits.
Ideas related to facade as primary surface of architectural representation. Emphasizes the facade as a mediator between internal and external building needs.
Prereq: ARCH 450/550.

ARCH558. Types and Typology. 3 Credits.
Critical introduction to theory of typology that categorizes urban and architectural forms by formal characteristics and cultural meaning. Lectures cover basic concepts, historical development, and case studies.
Prereq: ARCH 550 and 682 or 683.

ARCH561. Structural Behavior. 4 Credits.
Developes basic understanding of structural systems or elements and their implications for architectural form. Lectures, laboratories, and case studies investigate structure in historical and contemporary buildings.
Prereq: passing score on diagnostic examination.

ARCH562. Wood and Steel Building Systems. 4 Credits.
Historical development of materials. Analyzes elements, connections, and systems of wood, steel, and concrete structures from the perspective of construction process, spatial and structural design.
Prereq: ARCH 461 or 561.

ARCH570. Building Construction. 4 Credits.
Provide an understanding of the basic materials and methods of architecture with emphasis on the design, construction and performance of primary structure.
Prereq: ARCH 680.

ARCH571. Building Enclosure. 4 Credits.
Selection, design, detailing, and performance evaluation of building envelopes: wood, metals, glass, concrete, and masonry veneers and roofing.
ARCH 562, 570, 591.

ARCH576. Residential Construction. 4 Credits.
Provides an understanding of basic materials and methods of North American residential construction with emphasis on design and construction of the wood light frame. Offered alternate years.

ARCH580. Supervised Design Teaching. 1-3 Credits.
Supervised assistance with desk critiques and tasks related to studio teaching. Written application required. Repeatable for a maximum of 3 credits.
Prereq: ARCH 681 or 683.

ARCH584. Architectural Design. 6 Credits.
Repeatable. Design projects requiring comprehensive and integrative study over a wide range of project options. Individual criticism, group discussions, lectures and seminars by visiting specialists, public review of projects.
Prereq: ARCH 682 or 683.

ARCH585. Advanced Architectural Design I. 8 Credits.
In-depth work on complex design projects and design development beyond that normally possible in intermediate studios. Sequence.
Prereq: 30 credits in ARCH 484/584.

ARCH586. Advanced Architectural Design II. 8 Credits.
In-depth work on complex design projects and design development beyond that normally possible in intermediate studios.
Prereq: ARCH 485/585.

ARCH591. Environmental Control Systems I. 4 Credits.
Influence of energy source, climate, heating, cooling, lighting, acoustics, and water and waste systems on design of buildings and sites. Architectural and mechanical means to manipulate thermal environment. Sequence.
ARCH 680 or 683.

ARCH592. Environmental Control Systems II. 4 Credits.
Influence of energy source, climate, heating, cooling, lighting, acoustics, and water and waste systems on design of buildings and sites. Implications of lighting, acoustics, and water and waste for architectural design.
ARCH 680 or 683.

ARCH595. Daylighting. 3 Credits.
"Daylighting"—increasing the energy efficiency of a building by maximizing the amount of daylight versus electric light—as an element in architectural design. Models and photography used to study behavior of light. Case studies and prediction techniques.
Prereq: ARCH 492 or 592.

ARCH596. The Window. 3 Credits.
Window as an element of architectural design. Emphasis on historical, philosophical, artistic, literary, morphological, thermal, manufacturing, construction, cost, structural, lighting, and compositional perspectives.
Prereq: ARCH 491 or 591 or equivalent; 571 or equivalent; and 682 or 683.

ARCH598. Energy Scheming. 3 Credits.
Designing energy efficiency using Energy Scheming software. Achieving performance through materials selection and building form, use of the sun for heating and lighting, the wind for cooling.
Prereq: ARCH 491/591.

ARCH600M. Temporary Multilisted Course. 1-5 Credits.
Repeatable.

ARCH601. Research: [Topic]. 1-6 Credits.
Repeatable.

ARCH602. Supervised College Teaching. 1-6 Credits.
Repeatable.

ARCH603. Dissertation. 1-9 Credits.
Repeatable.

ARCH605. Reading and Conference: [Topic]. 1-8 Credits.
Repeatable.

ARCH606. Special Problems: [Topic]. 1-6 Credits.
Repeatable.

ARCH607. Seminar: [Topic]. 1-6 Credits.
Repeatable.

ARCH608. Colloquium: [Topic]. 1-6 Credits.
Repeatable.

ARCH609. Practicum: [Topic]. 1-6 Credits.
Repeatable.

ARCH610. Experimental Course: [Topic]. 1-6 Credits.
Repeatable.

ARCH611. Graduate Design Process. 3 Credits.
Foundation knowledge, concepts, and skills fundamental to design process and media subject areas.

ARCH617. Built Environment Design and Theory. 4 Credits.
Investigation of design processes, planning, and construction of buildings and communities.
Prereq: conditional MArch or PhD standing.

ARCH619. Terminal Project. 1-9 Credits.
Repeatable.

ARCH620. Research Methods in Sustainable Design. 2-6 Credits.
Research methods to assess the design of buildings and communities; discussions include defining research themes, hypotheses, and developing thesis proposals.
Prereq: conditional MArch or PhD standing.

ARCH633. History of Sustainable Design. 4 Credits.
History and theory of sustainable design practices; the evolution of codes and standards related to building design; perspectives and implementation strategies by leading ecological practitioners.
Prereq: conditional MArch or PhD standing.

ARCH661. Teaching Technical Subjects in Architecture. 1-3 Credits.
Covers techniques for effective teaching. Focuses on one or more standard building-technology courses in architecture and interior architecture. Repeatable thrice for maximum of 12 credits.

ARCH678. Advanced Research in Sustainable Design. 2-6 Credits.
Quantitative and qualitative techniques used in validating the design practice and research covering analytic approaches, including research design, surveys,case-study research, measurement, evaluation, and data presentation.
Prereq: conditional MArch or PhD standing.

ARCH680. Introductory Graduate Design. 6 Credits.
Design projects and exercises intended to familiarize the student with fundamental concepts of environmental design. Emphasis on developing graphic skills and the capability for visual thinking that are essential to advanced studios. Sequence.

ARCH681. Introductory Graduate Design. 6 Credits.
Design projects and exercises intended to familiarize the student with fundamental concepts of environmental design. Emphasis on developing graphic skills and the capability for visual thinking that are essential to advanced studios. Sequence.
Prereq: ARCH 680.

ARCH682. Introductory Graduate Design. 6 Credits.
Design projects and exercises intended to familiarize the student with fundamental concepts of environmental design. Emphasis on developing graphic skills and the capability for visual thinking that are essential to advanced studios.
Prereq: ARCH 681.

ARCH683. Graduate Architectural Design: Track II. 6 Credits.
Design to expand perception and response to issues in architectural design. Design as exploration of fundamental theoretical ideas. Studio projects require comprehensiveness and integrative study. Repeatable.

ARCH695. Advanced Dissertation Proposal Development. 4-6 Credits.
Directed study for the development of dissertation proposals. Approval of faculty advisor required. Repeatable twice for a maximum of 18 credits based on development of proposal for dissertation.
Prereq: PhD standing.

Art

Carla Bengtson, Department Head
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Eugene, Oregon 97403-5232
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The Department of Art curriculum approaches studio visual art through a broad range of media practices—ceramics, digital arts, drawing, fibers, metalsmithing and jewelry, painting, photography, printmaking, and sculpture. The department encourages breadth and interdisciplinary investigation, as well as depth and discipline within media, emphasizing the development of the material skills and understanding of art-making processes as well as a conceptual and critical understanding of the context of art. As actively practicing artists themselves, faculty members offer students an introduction to the compelling challenges, questions, and rewards of artistic practice.

Three bachelor's degrees are offered by the department. A four-year program leads to the bachelor of arts (BA) or bachelor of science (BS) degree with a major in art or digital arts. The professional baccalaureate degree, the bachelor of fine arts (BFA), requires an additional fifth year of studio-intensive work. Students major in art, ceramics, digital arts, fibers, metalsmithing and jewelry, painting, photography, printmaking, or sculpture. At the graduate level, the master of fine arts (MFA) is the terminal professional degree in art.

In addition, students may access art studio offerings as nonmajors, provided they complete the appropriate course prerequisites. The

department offers two courses that serve the larger university community as arts-and-letters group-satisfying courses.

Arts and Letters Group Courses

ART101	Understanding Contemporary Media	4
ART111	The Artist Experience	4

Faculty

Jonathan Bagby, graphic designer (art). BA, 2009, Tennessee; MFA, 2014, Oregon. (2014)

Carla Bengtson, Ann Swindells Chair in the School of Architecture and Allied Arts; associate professor (painting). BFA, 1980, Tyler School of Art; MFA, 1983, Yale. (1995)

Michael Bray, instructor (digital arts). BA, 1997, Illinois, Urbana-Champaign; MFA, 2008, Oregon. (2008)

Rebecca Childers, instructor (printmaking). BA, 1987, Cornell College; MFA, 1995, Iowa. (2002)

Isami Ching, instructor (foundations, digital arts). BA, 1994, Dartmouth; BFA, 1998, Massachusetts College of Art and Design; MFA, 2002, Columbia. (2008)

Colleen Choquette-Raphael, instructor (photography). BA, 1991, BFA, 1992, Oregon; MFA, 1996, Washington (Seattle). (1997)

Tannaz Farsi, associate professor (sculpture). BFA, 2004, West Virginia; MFA, 2007, Ohio. (2008)

Brian Gillis, associate professor (ceramics). BA, 2000, Humboldt State; MFA, 2002, Alfred. (2008)

R. Craig Hickman, professor (digital arts). BS, 1971, Portland State; MFA, 1981, Washington (Seattle). (1984)

Charles Hall, instructor (digital arts). BA, 1989, Oregon. (2010)

Colin Ives, associate professor (digital arts). BA, 1987, Cornell College; MA, 1992, MFA, 1994, Iowa. (2002)

Anya Kivarkis, associate professor (metalsmithing and jewelry). BFA, 1999, Illinois, Urbana-Champaign; MFA, 2004, State University of New York, New Paltz. (2004)

Jenny Kroik, instructor (drawing, painting). BFA, 2006, Art Institute of Boston, Lesley; MFA, 2010, Oregon. (2010)

Sylvan Lionni, instructor (painting, drawing). BFA, 1995, School of Visual Arts; MFA, 1998, Bard College. (2011)

Charlene Liu, associate professor (printmaking). BA, 1997, Brandeis; MFA, 2003, Columbia. (2007)

Christopher Michlig, assistant professor (foundations). BA, 1999, Oregon; MFA, 2007, Art Center College of Design. (2013)

Donald L. Morgan, assistant professor (foundations). BFA, 1993, Oregon; MFA, 2001, Art Center College of Design. (2008)

John Park, instructor (digital arts). BA, 2003, Oregon; MFA, 2006, State University of New York, Buffalo. (2007)

Dan Powell, associate professor (photography). BA, 1973, MA, 1977, Central Washington; MFA, 1980, Illinois. (1987)

Jan Reaves, instructor (drawing, painting). BA, 1970, MFA, 1983, Oregon. (2000)

Jack T. Ryan, associate professor (foundations). BFA, 1992, Oregon; MFA, 2000, Georgia. (2008)

Michael Salter, associate professor (digital arts). BFA, 1991, Miami; MFA, 1994, North Carolina, Chapel Hill. (2005)

James Schauer, instructor (foundations). BFA, 1999, Montana State; MFA, 2002, Oregon. (2003)

Rick Silva, assistant professor (digital arts). BFA, 2001, MFA, 2007, Colorado, Boulder. (2013)

Jessica Swanson, instructor (ceramics). BA, 1996, Whitman College; MFA, 2002, School of the Art Institute of Chicago. (2010)

Ying Tan, associate professor (digital arts). BA, 1983, Teacher's University, Shandong, China; MAEd, 1987, Georgia State. (1996)

Laura Vandenburgh, associate professor (painting). BS, 1984, DVM, 1988, California, Davis; MFA, 1993, Hunter. (1998)

Kathleen E. Wagle, professor (metalsmithing, jewelry). BS, 1975, Portland State; MFA, 1981, Arizona State. (1994)

Tyrras Warren, instructor (digital arts, foundations). BA, 1998, BFA, 1998, Texas Christian; MFA, 2008, Oregon. (2009)

Amanda Wojick, associate professor (sculpture). BA, 1995, Colgate; MFA, 1999, Alfred; MFA, 2000, Bard. (2001)

Emeriti

Laura J. Alpert, associate professor emerita. BA, 1968, Stanford; MFA, 1971, Oregon. (1979)

Ronald J. Graff, associate professor emeritus. BFA, 1973, Kansas City Art Institute; MFA, 1975, Yale. (1981)

Robert C. James, professor emeritus. BA, 1952, California, Los Angeles; MFA, 1955, Cranbrook Academy of Art. (1955)

George Kokis, professor emeritus. BFA, 1955, MFA, 1961, Alfred. (1973)

Sana Krusoe, associate professor emerita. BA, 1968, Occidental; MFA, 1987, Claremont Graduate. (1990)

Kenneth R. O'Connell, professor emeritus. BS, 1966, MFA, 1972, Oregon. (1977)

Kenneth H. Paul, associate professor emeritus. BA, 1961, MA, 1965, Wyoming. (1970)

Barbara Setsu Pickett, associate professor emerita. BS, 1971, Portland State. (1975)

Margaret Prentice, associate professor emerita. BFA, 1967, Arizona, Tucson; MFA, 1980, Colorado, Boulder. (1986)

The date in parentheses at the end of each entry is the first year on the University of Oregon faculty.

- **Bachelor of Arts: Art**
- **Bachelor of Arts: Digital Arts**
- **Bachelor of Fine Arts: Art**
- **Bachelor of Fine Arts: Digital Arts**
- **Bachelor of Science: Art**
- **Bachelor of Science: Digital Arts**
- **Bachelor of Fine Arts in Digital Arts**
- **Minor in Art** (p. 424)
- **Minor in Multimedia** (p. 424)

Undergraduate Studies

Advising and Program Planning

The department stresses the importance of interdisciplinary programs as well as concentrated study. Each student is encouraged to select a faculty advisor in the first year. It is critical to the development of a worthwhile program that the advisor be familiar with and sympathetic to the student's direction and capabilities. The importance of program planning cannot be overemphasized.

Major in Art

The bachelor of arts or bachelor of science degree with a major in art is a liberal arts degree focusing on studio art practice. The curriculum is designed to train students to think critically, communicate clearly, and work creatively. Students develop an understanding of materials and tools, formal possibilities, technical skills, critical inquiry, and ways of seeing, as well as fluency in visual languages and the articulation of meaning. They gain an understanding of the larger context of art through courses in art history and theory, opportunities to study abroad, and lectures by visiting artists.

The curriculum includes course work in eight media areas—painting, sculpture, printmaking, digital media, photography, ceramics, fibers, and metalsmithing and jewelry. While all art majors share the basic requirements such as the core foundations courses and art history, students have the flexibility to pursue more advanced course work in the areas of primary interest to them.

Application to the Major

Students apply directly to the Department of Art for admission as majors to the BA, BS, and fifth-year BFA degree programs. Write or call the department or visit the department's website for an application form. Admission screening takes place each term for admission the next term (excluding summer session). The postmark deadline for applications is February 1 for fall term, October 1 for winter term, and January 2 for spring term.

Bachelor's Degree Requirements

Whether studying for a bachelor of arts, bachelor of science, or bachelor of fine arts degree, all art majors complete a series of foundations courses called core studios, which are prerequisite to 200-level studio courses. This three-course structure includes an intensive studio investigation of techniques, methods, and concepts common to all areas of studio practice, emphasizing processes of experimentation, a range of technology, and translations between two-dimensional, three-dimensional, and time-based media. The core sequence includes ART 115, 116, and 233.

Bachelor of Arts: Art

ART101	Understanding Contemporary Media	4
orART111	The Artist Experience	
ART115	Surface, Space, and Time [1]	4
ART116	Core Interdisciplinary Laboratory [1]	4
ART233	Drawing I [1]	4
ARTD250	Print Media Digital Arts	4
orARTD251	Time-Based Digital Arts	
orARTD252	Interactive Digital Arts	
ART333	Drawing II	4
One 200-level or higher course in two different curricular media areas within the department		8
Three art history (ARH) courses		12
Upper-division art studio credits [2]		24
Total Credits		**68**

1. Students must pass the core studio courses with a P or C– or better.
2. At least 24 credits of studio work must be completed in residence; 12 of these credits must be upper division.

Bachelor of Science: Art

ART101	Understanding Contemporary Media	4
orART111	The Artist Experience	
ART115	Surface, Space, and Time [1]	4
ART116	Core Interdisciplinary Laboratory [1]	4
ART233	Drawing I [1]	4
ARTD250	Print Media Digital Arts	4
orARTD251	Time-Based Digital Arts	
orARTD252	Interactive Digital Arts	
ART333	Drawing II	4
One 200-level or higher course in two different curricular media areas within the department		8
Three art history (ARH) courses		12
Upper-division art studio credits [2]		24
Total Credits		**68**

1. Students must pass the core studio courses with a P or C– or better.
2. At least 24 credits of studio work must be completed in residence; 12 of these credits must be upper division.

Bachelor of Fine Arts: Art

The bachelor of fine arts degree is a professional baccalaureate degree requiring an additional fifth year of studio-intensive, independent work. Students apply for admission for the BFA in a particular media area in the last term of their fourth year of study. Students who are working across more than one media area may earn their degree in art, with sponsorship from faculty members in more than one media area. The application process is competitive and includes a portfolio review. Students who have completed a comparable four-year degree in art at another institution may be admitted to the BFA program. Such candidates must satisfy the university's 45-credit residence requirement.

Students must complete the five-year program with a total of 108 credits in art (a total of 220 university credits).

Bachelor of Fine Arts Degree Requirements: Art

Departmental Requirements for BA or BS in Art		
ART101	Understanding Contemporary Media	4
orART111	The Artist Experience	
ART115	Surface, Space, and Time [1]	4
ART116	Core Interdisciplinary Laboratory [1]	4
ART233	Drawing I [1]	4
ARTD250	Print Media Digital Arts	4
orARTD251	Time-Based Digital Arts	
orARTD252	Interactive Digital Arts	
ART333	Drawing II	4
One 200-level or higher course in two different curricular media areas within the department		8
Three art history (ARH) courses		12
Upper-division art studio credits [2]		24
Departmental Requirements for BFA in Art		
Three art history courses (ARH)		12
ARTS409	Terminal Creative Project B.F.A. (or a Terminal Creative Project B.F.A. from ARTC, ARTF, ARTM, ARTO, ARTP, or ARTR)	6
ART412	BFA Critique	3
ARTS490	Issues and Practices in Sculpture (or one term of Issues and Practices chosen from ARTC, ARTF, ARTM, ARTO, ARTP, or ARTR)	3
Upper-division studio credits selected from advanced methodologies courses and independent studies		16
Total Credits		**108**

1. Students must pass the core studios with a P or C– or better.
2. At least 24 credits of studio work must be completed in residence; 12 of these credits must be upper division.

Major in Digital Arts

The bachelor of arts or bachelor of science degree with a major in digital arts is a liberal arts degree focusing on digital media in studio art practice. The curriculum broadly encompasses print media, time-based media, and interactivity, grounded in the history and practice of visual art and communication. Through studios, laboratories, and art history and theory courses, students gain an understanding of technical skills, visual design, theory, and the articulation of meaning. The program emphasizes creative thinking, visual communication, experimentation, and innovation.

Digital arts majors share a foundation in core studios and art history with other art majors. This connection to the history and practice of visual communication is a strength of the program.

Computers in the Curriculum

A digital tools application is at the core of the digital arts program. Although campus computer laboratories and facilities are available to students, they are heavily used, and access is limited. Students are required to purchase or have unlimited access to a personal computer. Refer to the A&AA computing services website for equipment purchase, aaa.uoregon.edu/computing.

Application to the Major

Students should prepare themselves for study in the broad and inclusive field of digital arts by developing a wide range of interests and skills that might include fine arts, music, computer science, writing, literature, games, popular culture, theater, journalism, and media theory and criticism. Foundation courses—Print Media Digital Arts (ARTD250), Time-Based Digital Arts (ARTD251) Interactive Digital Arts (ARTD252)—provide opportunities to develop general skills and portfolio materials for application to the major.

The major in digital arts is an intensive, limited-enrollment program. Acceptance is competitive and based on documented evidence of potential to excel in the field. Admission screening takes place on a rolling basis and requires review of a portfolio of visual materials submitted by each applicant. These portfolios should display promise and creativity, but need not demonstrate extensive experience. Applications that don't include visual materials are not reviewed.

Complete a four-year program and a minimum of 180 credits, including satisfaction of general-university requirements for a BA or BS degree.

Students apply directly to the digital arts program for admission as majors. The postmark deadline for applications is February 1 for fall term admission. Write or call the Department of Art, or visit the department website for application instructions.

Bachelor's Degree Requirements

All art majors, regardless of degree, complete a series of foundations courses called core studios, which are prerequisite to 200-level studio courses. This three-course structure includes an intensive studio investigation of techniques, methods, and concepts common to all areas of studio practice, emphasizing processes of experimentation, a range of technology, and translations between two-dimensional, three-dimensional, and time-based media. The core sequence includes ART 115, 116, and 233.

Bachelor of Arts: Digital Art

ART115	Surface, Space, and Time [1]	4
ART116	Core Interdisciplinary Laboratory [1]	4
ART233	Drawing I [1]	4
ARTD250	Print Media Digital Arts [1]	4
ARTD251	Time-Based Digital Arts [1]	4
ARTD252	Interactive Digital Arts [1]	4
Three art history courses [2]		12
Upper-division art studio courses [3,4]		36
Of the total credits, at least 24 credits of studio work must be completed in residence; 12 of these credits must be upper division.		
Total Credits		**72**

1. Must pass course with a P or C– or better.
2. History of Design (ARH358) is recommended.
3. At least 24 of these credits must be in digital arts (ARTD) studio courses.

4 A maximum of 6 credits in Internship: [Topic] (ARTD404) and a maximum of 12 credits in Special Problems: [Topic] (ARTD406) may be counted toward the 36 upper-division digital arts credits.

Recommended Electives

The following courses are strongly recommended to satisfy science group requirements:

CIS111	Introduction to Web Programming	4
PHYS152	Physics of Sound and Music	4
PHYS153	Physics of Light, Color, and Vision	4

Additional Electives to Enhance Your Program

ART101	Understanding Contemporary Media	4
ENG260	Media Aesthetics	4
ENG265	History of the Motion Picture	4
ENG266	History of the Motion Picture	4
J333	Writing for Multimedia	4
MUS447	Digital Audio and Sound Design	4
PD340	Design for Use	4
PD350	Objects and Impacts	4

Courses in ceramics, fibers, metalsmithing and jewelry, painting, printmaking, photography, and sculpture

Bachelor of Science: Digital Arts

ART115	Surface, Space, and Time [1]	4
ART116	Core Interdisciplinary Laboratory [1]	4
ART233	Drawing I [1]	4
ARTD250	Print Media Digital Arts [1]	4
ARTD251	Time-Based Digital Arts [1]	4
ARTD252	Interactive Digital Arts [1]	4
Three art history courses [2]		12
Upper-division art studio courses [3,4]		36
Of the total credits, at least 24 credits of studio work must be completed in residence; 12 of these credits must be upper division.		
Total Credits		**72**

1 Must pass course with a P or C– or better.

2 History of Design (ARH358) is recommended.

3 At least 24 of these credits must be in digital arts (ARTD) studio courses.

4 A maximum of 6 credits in Internship: [Topic] (ARTD404) and a maximum of 12 credits in Special Problems: [Topic] (ARTD406) may be counted toward the 36 upper-division digital arts credits.

Recommended Electives

The following courses are strongly recommended to satisfy science group requirements:

CIS111	Introduction to Web Programming	4
PHYS152	Physics of Sound and Music	4
PHYS153	Physics of Light, Color, and Vision	4

Additional Electives to Enhance Your Program

ART101	Understanding Contemporary Media	4
ENG260	Media Aesthetics	4
ENG265	History of the Motion Picture	4
ENG266	History of the Motion Picture	4
J333	Writing for Multimedia	4
MUS447	Digital Audio and Sound Design	4
PD340	Design for Use	4
PD350	Objects and Impacts	4

Courses in ceramics, fibers, metalsmithing and jewelry, painting, printmaking, photography, and sculpture

Bachelor of Fine Arts: Digital Art

The bachelor of fine arts degree with a major in digital arts is a professional baccalaureate degree requiring an additional fifth year of studio-intensive, independent work. Students enrolled in the digital arts BFA are in residence at the University of Oregon in Portland as they develop the body of work for their BFA terminal project.

Students apply to the fifth-year BFA program in their senior year as they are completing requirements for the BA or BS. The application process is competitive and includes a portfolio review. Students who have completed a comparable four-year degree in art at another institution may be admitted to the BFA program. Such candidates must satisfy the university's 45-credit residence requirement.

Students must complete the five-year program with a total of 118 credits in digital art (a total of 220 university credits), including satisfaction of the requirements listed above and general-university requirements for the BA or BS degree.

Departmental Requirements for BA or BS in Digital Arts		
ART115	Surface, Space, and Time	4
ART116	Core Interdisciplinary Laboratory	4
ART233	Drawing I	4
ARTD250	Print Media Digital Arts	4
ARTD251	Time-Based Digital Arts	4
ARTD252	Interactive Digital Arts	4
Three art history courses [1]		12
Upper-division art studio courses [2,3]		36
Departmental Requirements for BFA in Art		
Three art history (ARH) or theory courses		12
ARTD409	Terminal Creative Project B.F.A.	4
ARTD490	Issues and Practices in Digital Arts [4]	15
Additional upper-division digital arts (ARTD) credits (chosen from studios, independent studies, or internship)		15
Total Credits		**118**

1 History of Design (ARH358) is recommended.

2 At least 24 of these credits must be in digital arts (ARTD) studio courses.

3 A maximum of 6 credits in Internship: [Topic] (ARTD404) and a maximum of 12 credits in Special Problems: [Topic] (ARTD406) may be counted toward the 36 upper-division credits.

4 Three terms of course

Minor Requirements

Minor in Art

The minor requires 40 credits. Course work must be taken in at least two departmental curricular areas, excluding courses taken to fulfill the core studios requirements.

Students are encouraged to declare the minor at least three terms before graduating. At the time the minor is declared, a departmental advisor may be assigned to help the student develop an individualized program.

Core Requirements		
Two art history (ARH) courses		8
ART115	Surface, Space, and Time	4
ART116	Core Interdisciplinary Laboratory	4
ART233	Drawing I	4
Studio Requirements		
Studio courses selected by student [1]		20
Total Credits		**40**

1 Of the 20 studio credits, 12 must be upper division, and 12 credits must be taken in residence.

Minor in Multimedia

The minor requires 28 credits. Courses must be taken for letter grades and passed with a C– or better. No transfer work can be applied to the minor. The three core courses must be completed before registering for other courses required for the minor.

Core Requirements		
ARTD250	Print Media Digital Arts	4
ARTD251	Time-Based Digital Arts	4
ARTD252	Interactive Digital Arts	4
Studio Requirements		
CIS111	Introduction to Web Programming	4
ARTD360	Digital Imaging	4
J333	Writing for Multimedia	4
MUS447	Digital Audio and Sound Design	4
Total Credits		**28**

- **Master of Fine Arts: Art**

Graduate Studies

The department offers the master of fine arts (MFA) degree in art with concentrations in ceramics, digital arts, fibers, metalsmithing and jewelry, painting, photography, printmaking, and sculpture.

The graduate program seeks to prepare students for serious artistic practice. The objectives for students are not only to arrive at an accomplished body of work, but also to develop the practices and critical-thinking skills necessary to develop and sustain the work beyond school.

The program focuses on individual studio practice, the cultivation of a visual language, material process, and conceptual approach relevant to each student's intentions and sensibility. Students are challenged to devise strategies of experimentation and research and to cultivate an ability to articulate ideas and critical responses to work. As part of a larger community, students are expected to have a significant understanding of the historical frameworks and the contemporary discourse of art.

The MFA curriculum is designed to provide both interdisciplinary discourse and disciplinary depth. MFA students have much of their course work in common through classes such as Graduate Critique (ART612), theory and history seminars, and special topics courses. Graduate review and thesis committees are made up of faculty members across the range of media concentrations. Through media-centered Issues and Practices seminars and independent studies, students also have opportunities to concentrate on particular areas of specialization. Specialized facilities and equipment are available in the eight media areas that compose the department—digital arts, sculpture, photography, ceramics, jewelry and metalsmithing, painting, printmaking, and fibers.

MFA Requirements

ART612	Graduate Critique [1]	15
Two graduate-level art history (ARH) courses; one must be contemporary history		8
One art theory and criticism seminar		4
One writing course		3
ARTS590	Issues and Practices in Sculpture (or Issues and Practices chosen from ARTC, ARTD, ARTF, ARTM, ARTO, ARTP, or ARTR) [2]	9
ARTS609	Terminal Creative Project MFA (or Terminal Creative Project M.F.A. chosen from ARTC, ARTD, ARTF, ARTM, ARTO, ARTP, or ARTR)	18
ART614	Graduate Studio	4
Additional art credits		9
Total Credits		**70**

1 Five courses

2 One course each year

3 Six courses in first two years

A minimum of 24 credits must be graded with a grade of mid-B or better.

Additional Requirements

- Participation in at least two graduate reviews—one prior to reclassification to graduate master's candidacy and a second prior to the MFA exhibition
- Public exhibition of the MFA thesis and final review with the terminal project committee
- Terminal creative project report

Residency Requirements

Nine consecutive terms of full-time enrollment, not including summer session, is the minimum residence requirement. Under special circumstances, an official University of Oregon leave of absence may be requested.

Formal Procedures

Application and Admission

Students applying to the master of fine arts program in the Department of Art are asked to list areas of concentration. You may list one or multiple

media areas. At different stages of the admissions process, applications are reviewed by the full faculty and by faculty members specific to your areas of concentration.

Because the principal requirement is that of residence, which may not be waived, graduate transfer credits are not accepted.

Applicants must have a bachelor's degree and are expected to possess a high level of proficiency in their chosen media and a strong commitment to their work and artistic intentions. In their application, candidates should demonstrate an understanding of creative practice in the context of historical and conceptual frameworks. See the department website for specific application requirements and process.

Conditional Status

Applicants accepted by the Graduate School are given conditional admission to study for the MFA degree. Until or unless an entering student requests a specific graduate advisor, one faculty member designated by the department serves as the advisor to conditionally admitted students.

Conditional status of a candidate can be reviewed for reclassification to graduate master's after completion of at least two of the required core courses, one graduate review, at least 30 credits of course work toward the MFA degree, and course work to remedy any background deficiencies. Faculty members from the department conduct a review of the student's academic program in spring term. Following this review, the student's advisor relays a progress report to the student and determines if the student is eligible to change classification to graduate master status.

Terminal Project and Advisor

After reclassification, the student selects a terminal project advisor from the faculty. With this advisor, the candidate selects a terminal project committee of three faculty members. A faculty member from outside the department may serve on the committee. The committee meets with the student for the project proposal, at least one progress report, and the terminal review.

Through these meetings, the committee oversees the development of the terminal project in the final year. The terminal project includes a public exhibition, a written report, and a final review by the committee.

The MFA degree is officially granted after the candidate has fulfilled all requirements, including submission to the department of a project report in a form appropriate to the nature of the project and suitable for binding for use in the Architecture and Allied Arts Library.

Courses

ART101. Understanding Contemporary Media. 4 Credits.
Critical exploration of concepts surrounding and defining the experience of understanding contemporary art. Students are guided by instructors through issues relating to their work and disciplines.

ART111. The Artist Experience. 4 Credits.
Critical exploration of concepts surrounding and defining contemporary art through the examination of the individual studio practice of members of the art faculty.

ART115. Surface, Space, and Time. 4 Credits.
Introduces interdisciplinary media processes, critical theory, formal communication design, color theory, skills in objective evaluation and critique, and how materials, processes, and context establish meaning.

ART116. Core Interdisciplinary Laboratory. 4 Credits.
Rigorous studio projects in the core studio sequence stressing interdisciplinary media transitions and the interrelatedness of conceptual and formal concerns.
Prereq: ART 115.

ART198. Technical Workshop: [Topic]. 1-3 Credits.
Possible topics include Beginning Woodworking, Book Arts, Professional Practices. Repeatable when change of topic for maximum of 15 credits.

ART199. Special Studies: [Topic]. 1-5 Credits.
Repeatable.

ART233. Drawing I. 4 Credits.
Repeatable. Introduction to basic drawing concepts and practices.

ART333. Drawing II. 4 Credits.
Emphasizes synthesis of ideas and approaches, complex subjects, investigation, and expression while building on previous drawing skills. Sequence with ART 233.
Prereq: ART 115, 116, 233.

ART381. Letterpress. 4 Credits.
Experiments with lead and wooden type as related to graphic composition and communication. Repeatable ten times for a maximum of 44 credits.
Prereq: ART 115, 116, 233.

ART401. Research: [Topic]. 1-12 Credits.
Repeatable.

ART404. Internship: [Topic]. 1-12 Credits.
Repeatable.

ART405. Reading and Conference: [Topic]. 1-6 Credits.
Repeatable.

ART406. Special Problems: [Topic]. 1-8 Credits.
Repeatable.

ART407. Seminar: [Topic]. 1-4 Credits.
Repeatable.

ART408. Workshop: [Topic]. 1-6 Credits.
Repeatable.

ART409. Terminal Creative Project B.F.A. 1-12 Credits.
Repeatable.

ART410. Experimental Course: [Topic]. 1-6 Credits.
Repeatable.

ART412. BFA Critique. 3 Credits.
Repeatable. Interdisciplinary critique and discussion course for B.F.A. students. Prereq: B.F.A. standing. Repeatable with change of subject.

ART507. Seminar: [Topic]. 1-4 Credits.
Repeatable.

ART508. Workshop: [Topic]. 1-6 Credits.
Repeatable.

ART510. Experimental Course: [Topic]. 1-6 Credits.
Repeatable.

ART601. Research: [Topic]. 1-12 Credits.
Repeatable.

ART602. Supervised College Teaching. 1-5 Credits.
Repeatable.

ART604. Internship: [Topic]. 1-12 Credits.
Repeatable.

ART605. Reading and Conference: [Topic]. 1-6 Credits.
Repeatable.

ART606. Special Problems: [Topic]. 1-12 Credits.
Repeatable.

ART607. Seminar: [Topic]. 1-4 Credits.
Repeatable. Topics change every term. If link to syllabus is not available, contact instructor by e-mail.

ART608. Colloquium: [Topic]. 1-8 Credits.
Repeatable.

ART609. Terminal Creative Project MFA. 1-12 Credits.
Repeatable.

ART612. Graduate Critique. 3 Credits.
Repeatable. Interdisciplinary critique and discussion course for MFA students. Repeatable five times for a maximum of 18 credits.

ART614. Graduate Studio. 4 Credits.
Repeatable. Students engage in a rigorous studio practice through independent production, experimentation, and research. Faculty mentors instruct in rotation. Repeatable five times for a maximum of 24 credits.

Courses

ARTC199. Special Studies: [Topic]. 1-5 Credits.
Repeatable.

ARTC255. Introduction to Ceramics. 4 Credits.
Specific skills focus each term. Subjects includes processes related to design development, forming and fabrication, firing methods, glazing.
Prereq: ART 115, 116, 233.

ARTC354. Industrial Ceramics. 4 Credits.
Intermediate-level course focusing on skill development pertinent to ceramics industry. Emphasis on material, tools, techniques, and history. Repeatable three times for a maximum of 16 credits.
Prereq: ART 115, 116, 233.

ARTC355. Intermediate Ceramics: [Topic]. 4-5 Credits.
Advanced processes and concepts. Areas of technical focus include slip casting, glaze and decorator surface embellishment, architectural ceramic, low fire, and raku.Repeatable twice for a maximum of 12 credits.
Prereq: ARTC 255.

ARTC401. Research: [Topic]. 1-12 Credits.
Repeatable.

ARTC404. Internship: [Topic]. 1-12 Credits.
Repeatable.

ARTC405. Reading and Conference: [Topic]. 1-6 Credits.
Repeatable.

ARTC406. Special Problems: [Topic]. 1-8 Credits.
Repeatable.

ARTC407. Seminar: [Topic]. 1-3 Credits.
Repeatable.

ARTC408. Workshop: [Topic]. 1-6 Credits.
Repeatable.

ARTC409. Terminal Creative Project B.F.A.. 1-12 Credits.
Repeatable.

ARTC410. Experimental Course: [Topic]. 1-6 Credits.
Repeatable.

ARTC468. Glaze-Fire I. 6 Credits.
Comprehensive instruction in firing theory and practice and elementary glaze chemistry. Students fire kilns and mix glazes in a studio component. Repeatable once for a maximum of 12 credits.
Prereq: ARTC 255.

ARTC469. Glaze-Fire II. 6 Credits.
Repeatable. Discussion groups further examine the practices of firing and glaze formulation. Studio component involves increased firing and systematic, scientific glaze experimentation. Repeatable once for a maximum of 12 credits.
Prereq: ARTC 468.

ARTC490. Issues and Practices in Ceramics. 3-5 Credits.
Intensive critique, discussion, readings, and presentations.
Prereq: B.F.A. standing only

ARTC507. Seminar: [Topic]. 1-3 Credits.
Repeatable.

ARTC508. Workshop: [Topic]. 1-6 Credits.
Repeatable.

ARTC510. Experimental Course: [Topic]. 1-6 Credits.
Repeatable.

ARTC590. Issues and Practices in Ceramics. 3-5 Credits.
Intensive critique, discussion, readings, and presentations.

ARTC601. Research: [Topic]. 1-12 Credits.
Repeatable.

ARTC604. Internship: [Topic]. 1-12 Credits.
Repeatable.

ARTC605. Reading and Conference: [Topic]. 1-6 Credits.
Repeatable.

ARTC606. Special Problems: [Topic]. 1-12 Credits.
Repeatable.

ARTC607. Seminar: [Topic]. 1-4 Credits.
Repeatable.

ARTC608. Colloquium: [Topic]. 1-8 Credits.
Repeatable.

ARTC609. Terminal Creative Project MFA. 1-12 Credits.
Repeatable.

Courses

ARTD198. Technical Workshop: [Topic]. 1-3 Credits.
Possible topics include DreamWeaver, InDesign, PhotoShop. Repeatable when change of topic for maximum of 15 credits.

ARTD199. Special Studies: [Topic]. 1-5 Credits.
Repeatable.

ARTD250. Print Media Digital Arts. 4 Credits.
Examines application of print media in contemporary visual culture; explores its use in a fine art context. Introduces digital drawing, digital photo editing, and typographic layout to visually communicate expressive concepts. Laboratories, lectures.

ARTD251. Time-Based Digital Arts. 4 Credits.
Explores the notion of time as a medium in relation to contemporary art through which concepts of sequence, narration, scoring, and motion are expressed. Laboratories, lectures.

ARTD252. Interactive Digital Arts. 4 Credits.
Introduces resources that the computer offers the artist. Concentrates on animation, interaction, and the web as expressive mediums. Laboratories, lectures.

ARTD256. Introduction to Production. 4 Credits.
Traditional camera, sound, and lighting techniques in production; nonlinear editing; and key theoretical, historical, and aesthetic approaches to video art.
Prereq: J 201, ENG 260; two from ENG 265, 266, 267.

ARTD350. Digital Drawing. 4 Credits.
Repeatable. Applies technology as a drawing medium to communicate concepts visually. The entire creative process is researched in an experimental studio environment. Repeatable once for a maximum of 8 credits.
Prereq: ART 115, 116, 233, ARTD 250.

ARTD360. Digital Imaging. 4 Credits.
Intermediate-level focus on the proper preparation and presentation of digital images for use in print and on screen. Covers color theory. Repeatable once for maximum of 8 credits.
Prereq: ART 115, 116, 233, ARTD 250.

ARTD361. Introduction to Animation. 4 Credits.
Introduction to principles of animation, timing, sequence; key frames, in-betweens, and metamorphosis. Uses various methods to record and edit animation tests.
Prereq: ART 115, 116, 233 & ARTD 251 or ENG 260, J 201; two from ENG 265, 266, 267; one from ARTD 256, CINE 270, J 208.

ARTD362. Digital Letterform. 4 Credits.
Repeatable Concepts in the history, use, and appreciation of digital typography. Considers issues in communicative power of type and situations where it functions as message. Repeatable once for a maximum of 8 credits.
Prereq: ART 115, 116, 233, ARTD 250, 251, 252, 360.

ARTD378. Multimedia Design I. 5 Credits.
Repeatable. Introduces multimedia design and authoring; use of motion, duration, and time-based interaction as a means of artistic expression. Students build navigational structures and explore stochastic principles in developing an individual approach to interactivity. Repeatable once for a maximum of 10 credits.
Prereq: ART 115, ART 116, ART 233, ARTD 252.

ARTD379. Introduction to Video Art. 4 Credits.
Repeatable. Intermediate video-audio production and nonlinear editing, including camera, sound, and lighting techniques. Key theoretical, historical, and aesthetic approaches to time-based art in video and sound are surveyed. Repeatable once for a maximum of 8 credits.
Prereq: ART 115, 116, 233 & ARTD 251 or ENG 260, J 201; two from ENG 265, 266, 267; one from ARTD 256, CINE 270, J 208.

ARTD401. Research: [Topic]. 1-12 Credits.
Repeatable.

ARTD404. Internship: [Topic]. 1-12 Credits.
Repeatable.

ARTD405. Reading and Conference: [Topic]. 1-6 Credits.
Repeatable.

ARTD406. Special Problems: [Topic]. 1-8 Credits.
Repeatable.

ARTD407. Seminar: [Topic]. 1-4 Credits.
Repeatable.

ARTD408. Workshop: [Topic]. 1-6 Credits.
Repeatable.

ARTD409. Terminal Creative Project B.F.A.. 1-12 Credits.
Repeatable.

ARTD410. Experimental Course: [Topic]. 1-6 Credits.
Repeatable.

ARTD412. Experimental Animation. 5 Credits.
Intermediate to advanced students explore personal creative practice and experiment with film, video, and computer animation techniques. Integrates readings, screening, and discussion with production.
Prereq: ARTD 361.

ARTD413. Emerging Technologies. 5 Credits.
Explores use of emerging technologies in art. Create works using emerging technologies and techniques and explore contemporary artworks, philosophies, and cultural trends.
Prereq: ARTD 378 or 416.

ARTD415. Video Art: Experimental Film. 4 Credits.
Repeatable. Video and sound art practices, from conceptual deconstructions of the film-video apparatus to self-reflexive socio-political and/or cultural critique, are examined through short format and video installation. Repeatable once for a maximum of 8 credits.

ARTD416. Programming for Artists. 4 Credits.
Introduces students to the basics of computer programming within an art context. Topics include interaction design, web development, and physical computing programming.
Prereq: ART 115, 116, 233, ARTD 250, 251, 252.

ARTD463. Communication Design. 4 Credits.
Repeatable. Explores the communication of ideas and information through visual means. Introduces design process and principles, visual language, and the art of problem solving in visual communication. Repeatable once for maximum of 8 credits.
Prereq: ARTD 350, 362.

ARTD471. 3-D Computer Imaging. 5 Credits.
Repeatable. Introduces 3-D computer graphic arts: 3-D digital space and form, model building, scene composition, surface properties, lighting, and rendering 3-D images. Repeatable once for maximum of 10 credits.
Prereq: ARTD 350 or 361.

ARTD472. 3-D Computer Animation. 5 Credits.
Repeatable. Introduces 3-D computer animation arts. Includes time and space in the digital 3-D environment, animation concepts and techniques in 3-D space, production techniques for various multimedia applications. Repeatable once for maximum of 10 credits.
Prereq: ARTD 471.

ARTD478. Multimedia Design II. 5 Credits.
Intermediate and advanced multimedia design and authoring. Emphasizes creation of larger, student-directed multimedia projects. Repeatable once for maximum of 10 credits.
Prereq: ART 116, ART 233, ARTD 252.

ARTD490. Issues and Practices in Digital Arts. 1-5 Credits.
Intensive critique, discussion, readings, and presentations.
Prereq: B.F.A. standing.

ARTD494. Advanced Design I. 5 Credits.
Theory, problems, and projects in language, meaning and communication, identity and signification, conceptual invention and creativity, critical analysis. Lectures, projects, critique.
Prereq: ARTD 350, ARTD 360.

ARTD507. Seminar: [Topic]. 1-4 Credits.
Repeatable.

ARTD508. Workshop: [Topic]. 1-6 Credits.
Repeatable.

ARTD510. Experimental Course: [Topic]. 1-6 Credits.
Repeatable.

ARTD512. Experimental Animation. 5 Credits.
Intermediate to advanced students explore personal creative practice and experiment with film, video, and computer animation techniques. Integrates readings, screening, and discussion with production.
Prereq: ARTD 361, 395 or equivalent.

ARTD513. Emerging Technologies. 5 Credits.
Explores use of emerging technologies in art. Create works using emerging technologies and techniques and explore contemporary artworks, philosophies, and cultural trends.
Prereq: ARTD 378 or 4/516.

ARTD515. Video Art: Experimental Film. 4 Credits.
Repeatable. Video and sound art practices, from conceptual deconstructions of the film-video apparatus to self-reflexive socio-political and/or cultural critique, are examined through short format and video installation. Repeatable once for a maximum of 8 credits.

ARTD516. Programming for Artists. 4 Credits.
Introduces students to the basics of computer programming within an art context. Topics include interaction design, web development, and physical computing programming.
Prereq: ART 115, 116, 233, ARTD 250, 251, 252.

ARTD563. Communciation Design. 4 Credits.
Repeatable. Explores the communication of ideas and information through visual means. Introduces design process and principles, visual language, and the art of problem solving in visual communication. Repeatable once for maximum of 8 credits.
Prereq: ARTD 362, 394 or equivalent.

ARTD571. 3-D Computer Imaging. 5 Credits.
Repeatable. Introduces 3-D computer graphic arts: 3-D digital space and form, model building, scene composition, surface properties, lighting, and rendering 3-D images. Repeatable once for maximum of 10 credits.

ARTD572. 3-D Computer Animation. 5 Credits.
Repeatable. Introduces 3-D computer animation arts. Includes time and space in the digital 3-D environment, animation concepts and techniques in 3-D space, production techniques for various multimedia applications. Repeatable once for maximum of 10 credits.
Prereq: ARTD 4/571.

ARTD578. Multimedia Design II. 5 Credits.
Repeatable. Intermediate and advanced multimedia design and authoring. Emphasizes creation of larger, student-directed multimedia projects. Repeatable once for maximum of 10 credits.
Prereq: ARTD 115, ARTD 116, ARTD 233, ARTD 252.

ARTD594. Advanced Design I. 5 Credits.
Theory, problems, and projects in language, meaning and communication, identity and signification, conceptual invention and creativity, critical analysis. Lectures, projects, critique.

ARTD601. Research: [Topic]. 1-12 Credits.
Repeatable.

ARTD604. Internship: [Topic]. 1-12 Credits.
Repeatable.

ARTD605. Reading and Conference: [Topic]. 1-6 Credits.
Repeatable.

ARTD606. Special Problems: [Topic]. 1-12 Credits.
Repeatable.

ARTD607. Seminar: [Topic]. 1-4 Credits.
Repeatable.

ARTD608. Colloquium: [Topic]. 1-8 Credits.
Repeatable.

ARTD609. Terminal Creative Project MFA. 1-12 Credits.
Repeatable.

Courses

ARTF199. Special Studies: [Topic]. 1-5 Credits.
Repeatable.

ARTF270. Introduction to Fibers. 4 Credits.
Skills and conceptual concerns of fibers, pertaining to structural textile forms and embellished or manipulated surfaces. Introduces historical and contemporary work through slides and lectures.
Prereq: ART 116, 233.

ARTF368. Textile Printing. 4 Credits.
Repeatable. Introduction to screen-printing process for fabric and alternative substrates. Textile history, the relevance of printing, and related ideas of decoration, repetition, and appropriation are explored. Repeatable five times for a maximum of 24 credits.
Prereq: ARTF 270.

ARTF369. Woven Structures. 4 Credits.
Repeatable. Introduction to floor-loom hand weaving. Traditional and experimental use of materials, techniques, and structures are used to understand weaving as a cross-disciplinary practice. Repeatable five times for a maximum of 24 credits.
Prereq: ARTF 270.

ARTF370. Stitchwork Strategies. 4 Credits.
Exploration of stitch techniques, including embroidery, beading, applique, collage, piecing, and quilting. Topics include public versus private, language and narrative, and dimensional forms. Repeatable three times for a maximum of 16 credits.
Prereq: ARTF 270.

ARTF401. Research: [Topic]. 1-12 Credits.
Repeatable.

ARTF404. Internship: [Topic]. 1-12 Credits.
Repeatable.

ARTF405. Reading and Conference: [Topic]. 1-6 Credits.
Repeatable.

ARTF406. Special Problems: [Topic]. 1-8 Credits.
Repeatable.

ARTF407. Seminar: [Topic]. 1-3 Credits.
Repeatable.

ARTF408. Workshop: [Topic]. 1-6 Credits.
Repeatable.

ARTF409. Terminal Creative Project B.F.A.. 1-12 Credits.
Repeatable.

ARTF410. Experimental Course: [Topic]. 1-6 Credits.
Repeatable.

ARTF456. Advanced Fibers: [Topic]. 3-5 Credits.
Repeatable. Develops individual studio practice through exploration of contemporary issues in textile-based processes and expansion of the rhetoric of craft.
Prereq: one course from ARTF 267, 268, 269, 270; ARTF 368 or 369.

ARTF490. Issues and Practices in Fibers. 3-5 Credits.
Intensive critique, discussion, readings, and presentations.
Prereq: B.F.A. standing only

ARTF507. Seminar: [Topic]. 1-3 Credits.
Repeatable.

ARTF508. Workshop: [Topic]. 1-6 Credits.
Repeatable.

ARTF510. Experimental Course: [Topic]. 1-6 Credits.
Repeatable.

ARTF556. Advanced Fibers: [Topic]. 3-5 Credits.
Repeatable. Develops individual studio practice through exploration of contemporary issues in textile-based processes and expansion of the rhetoric of craft.

ARTF590. Issues and Practices in Fibers. 3-5 Credits.
Intensive critique, discussion, readings, and presentations.
Prereq: M.F.A. standing only

ARTF601. Research: [Topic]. 1-12 Credits.
Repeatable.

ARTF604. Internship: [Topic]. 1-12 Credits.
Repeatable.

ARTF605. Reading and Conference: [Topic]. 1-6 Credits.
Repeatable.

ARTF606. Special Problems: [Topic]. 1-12 Credits.
Repeatable.

ARTF607. Seminar: [Topic]. 1-4 Credits.
Repeatable.

ARTF608. Colloquium: [Topic]. 1-8 Credits.
Repeatable.

ARTF609. Terminal Creative Project MFA. 1-12 Credits.
Repeatable.

Courses

ARTM199. Special Studies: [Topic]. 1-5 Credits.
Repeatable.

ARTM257. Introduction to Jewelry and Metalsmithing. 4 Credits.
Repeatable. Explores developing and constructing jewelry and objects rooted in material culture. Introduces historical and contemporary work through image presentations, lectures, and independent research. Repeatable with change of course content.
Prereq: Art 115, 116, 233

ARTM357. Metalsmithing and Jewelry: [Topic]. 3-5 Credits.
Repeatable. Further exploration of techniques related to conceptual problems. Content varies by term with a focus on individual processes: hollowware, forging, connections, casting, aluminum anodizing, enameling, stone setting.
Prereq: ARTM 257.

ARTM401. Research: [Topic]. 1-12 Credits.
Repeatable.

ARTM404. Internship: [Topic]. 1-12 Credits.
Repeatable.

ARTM405. Reading and Conference: [Topic]. 1-6 Credits.
Repeatable.

ARTM406. Special Problems: [Topic]. 1-8 Credits.
Repeatable.

ARTM407. Seminar: [Topic]. 1-3 Credits.
Repeatable.

ARTM408. Workshop: [Topic]. 1-6 Credits.
Repeatable.

ARTM409. Terminal Creative Project B.F.A. 1-12 Credits.
Repeatable.

ARTM410. Experimental Course: [Topic]. 1-6 Credits.
Repeatable.

ARTM457. Metalsmithing and Jewelry: [Topic]. 3-5 Credits.
Repeatable. Emphasis on creative work. Advanced investigation of techniques and process. Content varies by term related to process focus. Includes hollow-ware, forging, connections, casting, aluminum anodizing, enameling, stone setting.
Prereq: ARTM 357.

ARTM459. Advanced Metalsmithing and Jewelry. 3-5 Credits.
Repeatable. Emphasis on individual creative development. Various conceptual problems.
Prereq: ARTM 357.

ARTM490. Issues and Practices in Metals. 3-5 Credits.
Intensive critique, discussion, readings, and presentations.
Prereq: B.F.A. standing only

ARTM507. Seminar: [Topic]. 1-3 Credits.
Repeatable.

ARTM508. Workshop: [Topic]. 1-6 Credits.
Repeatable.

ARTM510. Experimental Course: [Topic]. 1-6 Credits.
Repeatable.

ARTM557. Metalsmithing and Jewelry: [Topic]. 3-5 Credits.
Repeatable. Emphasis on creative work. Advanced investigation of techniques and process. Content varies by term related to process focus. Includes hollow-ware, forging, connections, casting, aluminum anodizing, enameling, stone setting.
Prereq: ARTM 357 or equivalent.

ARTM559. Advanced Metalsmithing and Jewelry. 3-5 Credits.
Repeatable. Emphasis on individual creative development. Various conceptual problems.
Prereq: ARTM 357.

ARTM590. Issues and Practices in Metals. 3-5 Credits.
Intensive critique, discussion, readings, and presentations.
Prereq: M.F.A. standing only

ARTM601. Research: [Topic]. 1-12 Credits.
Repeatable.

ARTM604. Internship: [Topic]. 1-12 Credits.
Repeatable.

ARTM605. Reading and Conference: [Topic]. 1-6 Credits.
Repeatable.

ARTM606. Special Problems: [Topic]. 1-12 Credits.
Repeatable.

ARTM607. Seminar: [Topic]. 1-4 Credits.
Repeatable.

ARTM608. Colloquium: [Topic]. 1-8 Credits.
Repeatable.

ARTM609. Terminal Creative Project MFA. 1-12 Credits.
Repeatable.

Courses

ARTP199. Special Studies: [Topic]. 1-5 Credits.
Repeatable.

ARTP281. Introductory Painting I. 4 Credits.
Basic visual elements and their application to painting as a means of expression. Incorporates traditional subject matter: still life, landscape, figure.
Prereq: ART 115, 116, 233.

ARTP381. Introductory Painting II. 4 Credits.
Integrates concepts and approaches introduced in Introductory Painting I (ARTP 281) to develop more individual and complex strategies of form and meaning. Sequence with ARTP 281.
Prereq: ARTP 281.

ARTP390. Intermediate and Advanced Painting. 4 Credits.
Repeatable. Advanced painting concepts and technical processes. Independent initiative is encouraged. Repeatable twice for a total of 12 credits.
Prereq: ARTP 381.

ARTP391. Intermediate and Advanced Drawing. 4 Credits.
Repeatable. Continued study in observation related to visual and spatial phenomena. Repeatable twice for a total of 12 credits.
Prereq: ART 333.

ARTP401. Research: [Topic]. 1-12 Credits.
Repeatable.

ARTP404. Internship: [Topic]. 1-12 Credits.
Repeatable.

ARTP405. Reading and Conference: [Topic]. 1-6 Credits.
Repeatable.

ARTP406. Special Problems: [Topic]. 1-8 Credits.
Repeatable.

ARTP407. Seminar: [Topic]. 1-3 Credits.
Repeatable.

ARTP408. Workshop: [Topic]. 1-6 Credits.
Repeatable.

ARTP409. Terminal Creative Project B.F.A.. 1-12 Credits.
Repeatable.

ARTP410. Experimental Course: [Topic]. 1-6 Credits.
Repeatable.

ARTP481. Advanced Painting Practice. 4 Credits.
Repeatable. Pursuit of individual creative practice and forming the critical intelligence necessary to develop as an artist. Sequence: ARTP 281, 381, 390.
Prereq: two terms ARTP 390.

ARTP490. Issues and Practices in Painting. 3-5 Credits.
Repeatable. Intensive critique, discussion, readings, and presentations for B.F.A. and M.F.A. students.
Prereq: B.F.A. standing only

ARTP507. Seminar: [Topic]. 1-3 Credits.
Repeatable.

ARTP508. Workshop: [Topic]. 1-6 Credits.
Repeatable.

ARTP510. Experimental Course: [Topic]. 1-6 Credits.
Repeatable.

ARTP590. Issues and Practices in Painting. 3-5 Credits.
Repeatable. Intensive critique, discussion, readings, and presentations for B.F.A. and M.F.A. students.
Prereq: M.F.A. standing only

ARTP601. Research: [Topic]. 1-12 Credits.
Repeatable.

ARTP604. Internship: [Topic]. 1-12 Credits.
Repeatable.

ARTP605. Reading and Conference: [Topic]. 1-6 Credits.
Repeatable.

ARTP606. Special Problems: [Topic]. 1-12 Credits.
Repeatable.

ARTP607. Seminar: [Topic]. 1-4 Credits.
Repeatable.

ARTP608. Colloquium: [Topic]. 1-8 Credits.
Repeatable.

ARTP609. Terminal Creative Project MFA. 1-12 Credits.
Repeatable.

Courses

ARTO199. Special Studies: [Topic]. 1-5 Credits.
Repeatable.

ARTO250. Introduction to Photography. 4 Credits.
Covers basic elements of photography using a DSLR camera and provides a broad-based understanding of photographic practice in a fine art context. Sequence with ARTO 350. Repeatable once for a maximum of 8 credits.
Prereq: ART 115, 116, 233.

ARTO350. Film and Darkroom. 4 Credits.
Technical and aesthetic consideration of black-and-white analog photography. Basics of camera, film development, and photographic print controls in the darkroom. Sequence with ARTO 250. Repeatable once for a maximum of 8 credits.
Prereq: ARTO 250.

ARTO351. Constructed Image Photography. 4 Credits.
Repeatable. Explores processes and concepts extending beyond the single photographic image. Narrative and formal strategies in manipulation and sequencing, exploring the materiality of the photograph. Studio course. Repeatable once for a maximum of 8 credits.
Prereq: ARTO 251.

ARTO352. Creative Large-Format Photography. 4 Credits.
Repeatable. Introduces large-format cameras and their aesthetic possibilities. Four-by-five and eight-by-ten view cameras provided. Includes camera use, film and development, printing skills. Repeatable once for maximum of 8 credits.
Prereq: ARTO 251.

ARTO401. Research: [Topic]. 1-12 Credits.
Repeatable.

ARTO404. Internship: [Topic]. 1-12 Credits.
Repeatable.

ARTO405. Reading and Conference: [Topic]. 1-6 Credits.
Repeatable.

ARTO406. Special Problems: [Topic]. 1-8 Credits.
Repeatable.

ARTO407. Seminar: [Topic]. 1-4 Credits.
Repeatable.

ARTO408. Workshop: [Topic]. 1-6 Credits.
Repeatable.

ARTO409. Terminal Creative Project B.F.A.. 1-12 Credits.
Repeatable.

ARTO410. Experimental Course: [Topic]. 1-6 Credits.
Repeatable.

ARTO450. Digital Photography II. 4 Credits.
Repeatable. Addresses advanced methods in a digital workflow and the role of photography in contemporary art practice through various constructed, aesthetic, and conceptual approaches. Repeatable once for a maximum of 8 credits.
Prereq: ARTO 354.

ARTO455. Conceptual Strategies in Photography. 4 Credits.
Repeatable. Studies the 1960s conceptual art movement and its influence on contemporary photography practice: open-ended projects respond to various conceptual frameworks. Repeatable once for a maximum of 8 credits.
Prereq: ARTO 250; one other course from ARTO.

ARTO476. Alternative Photographic Processes. 4 Credits.
Repeatable. Combines painterly concerns with printmaking ideas and photographic principles in a mixed-media approach to contemporary image-making through historic and antiquated processes. Studio course. Repeatable once for a maximum of 8 credits.
Prereq: ARTO 350; one course from ARTO 351, ARTO 352.

ARTO484. Advanced Photography: [Topic]. 4 Credits.
Repeatable. Investigates photographic practice and philosophy through readings and discussion; students engage in personal studio practice and class critiques. Repeatable once for maximum of 8 credits.
Prereq: ARTO 251 or 352.

ARTO490. Issues and Practices in Photography. 3-5 Credits.
Intensive critique, discussion, readings, and presentations.
Prereq: B.F.A. standing only

ARTO507. Seminar: [Topic]. 1-4 Credits.
Repeatable.

ARTO508. Workshop: [Topic]. 1-6 Credits.
Repeatable.

ARTO510. Experimental Course: [Topic]. 1-6 Credits.
Repeatable.

ARTO550. Digital Photography II. 4 Credits.
Repeatable. Addresses advanced methods in a digital workflow and the role of photography in contemporary art practice through various constructed, aesthetic, and conceptual approaches. Repeatable once for a maximum of 8 credits.

ARTO555. Conceptual Strategies in Photography. 4 Credits.
Repeatable. Studies the 1960s conceptual art movement and its influence on contemporary photography practice: open-ended projects respond to various conceptual frameworks. Repeatable once for a maximum of 8 credits.

ARTO576. Alternative Photographic Processes. 4 Credits.
Repeatable. Combines painterly concerns with printmaking ideas and photographic principles in a mixed-media approach to contemporary image-making through historic and antiquated processes. Studio course. Repeatable once for a maximum of 8 credits.

ARTO584. Advanced Photography: [Topic]. 4 Credits.
Repeatable. Investigates photographic practice and philosophy through readings and discussion; students engage in personal studio practice and class critiques. Repeatable once for maximum of 8 credits.
Prereq: ARTO 352; ARTO 353 or 4/554.

ARTO590. Issues and Practices in Photography. 3-5 Credits.
Intensive critique, discussion, readings, and presentations.
Prereq: M.F.A. standing only

ARTO601. Research: [Topic]. 1-12 Credits.
Repeatable.

ARTO604. Internship: [Topic]. 1-12 Credits.
Repeatable.

ARTO605. Reading and Conference: [Topic]. 1-6 Credits.
Repeatable.

ARTO606. Special Problems: [Topic]. 1-12 Credits.
Repeatable.

ARTO607. Seminar: [Topic]. 1-4 Credits.
Repeatable.

ARTO608. Colloquium: [Topic]. 1-8 Credits.
Repeatable.

ARTO609. Terminal Creative Project MFA. 1-12 Credits.
Repeatable.

ARTO610. Experimental Course: [Topic]. 1-6 Credits.
Repeatable.

Courses

ARTR199. Special Studies: [Topic]. 1-5 Credits.
Repeatable.

ARTR245. Introduction to Printmaking. 4 Credits.
Introduction to printmaking methodologies. Explores the unique print, multiples, and variable edition; techniques may include monotype, linocut, collagraph, etching, and screen print.
Prereq: ART 115, 116, 233.

ARTR346. Relief. 4 Credits.
Creative exploration of graphic and conceptual possibilities through woodcut and related relief printing methods; techniques include block cutting, registration, single and multicolor printing.
Prereq: ARTR 245.

ARTR347. Intaglio. 4 Credits.
Techniques of etching, drypoint, engraving, aquatint, soft ground, lift ground, white ground, embossment, relief plate printing. Emphasizes personal imagery development.
Prereq: ARTR 245.

ARTR348. Screen Printing. 4 Credits.
Creative exploration of graphic and conceptual possibilities through screen printing; techniques include registration, color, edition printing, and stencil-making using hand-drawn, photographic, and digital methods. Repeatable once for a maximum of 8 credits.
Prereq: ARTR 245.

ARTR349. Lithography. 4 Credits.
Creative exploration of pictorial and conceptual possibilities through stone and plate lithography; techniques include transfer, image making, registration, and color work.
Prereq: ARTR 245.

ARTR401. Research: [Topic]. 1-12 Credits.
Repeatable.

ARTR404. Internship: [Topic]. 1-12 Credits.
Repeatable.

ARTR405. Reading and Conference: [Topic]. 1-6 Credits.
Repeatable.

ARTR406. Special Problems: [Topic]. 1-8 Credits.
Repeatable.

ARTR407. Seminar: [Topic]. 1-3 Credits.
Repeatable.

ARTR408. Workshop: [Topic]. 1-6 Credits.
Repeatable.

ARTR409. Terminal Creative Project B.F.A.. 1-12 Credits.
Repeatable.

ARTR410. Experimental Course: [Topic]. 1-6 Credits.
Repeatable.

ARTR446. Intermediate and Advanced Printmaking. 4 Credits.
Further exploration of printmaking techniques and concepts with an emphasis on creating a body of work; includes research, discussion, readings, and critiques.
Prereq: two terms from ARTR 245, 346, 347, 348, 349.

ARTR490. Issues and Practices in Printmaking. 3-5 Credits.
Intensive critique, discussion, readings, and presentations.
Prereq: B.F.A. standing.

ARTR507. Seminar: [Topic]. 1-3 Credits.
Repeatable.

ARTR508. Workshop: [Topic]. 1-6 Credits.
Repeatable.

ARTR510. Experimental Course: [Topic]. 1-6 Credits.
Repeatable.

ARTR546. Intermediate and Advanced Printmaking. 4-6 Credits.
Further exploration of techniques and concepts with emphasis on discussion and creative work. Content varies by term and may include color methods, chine collé, monoprints.
Prereq: ARTR 346 or 347 or equivalent.

ARTR590. Issues and Practices in Printmaking. 3-5 Credits.
Intensive critique, discussion, readings, and presentations.
Prereq: M.F.A. standing.

ARTR601. Research: [Topic]. 1-12 Credits.
Repeatable.

ARTR604. Internship: [Topic]. 1-12 Credits.
Repeatable.

ARTR605. Reading and Conference: [Topic]. 1-6 Credits.
Repeatable.

ARTR606. Special Problems: [Topic]. 1-12 Credits.
Repeatable.

ARTR607. Seminar: [Topic]. 1-4 Credits.
Repeatable.

ARTR608. Colloquium: [Topic]. 1-8 Credits.
Repeatable.

ARTR609. Terminal Creative Project MFA. 1-12 Credits.
Repeatable.

Courses

ARTS199. Special Studies: [Topic]. 1-5 Credits.
Repeatable.

ARTS288. Sculpture I: Mixed Media. 3-5 Credits.
Investigation of 3-D forms in space using a range of processes. Repeatable when topic changes.
Prereq: ART 115, 116, 233.

ARTS393. Sculpture II: [Topic]. 3-5 Credits.
Integration of concepts and materials in sculpture; investigation of individual methodology. Topics vary by term: wood, moldmaking, steel. Reading, presentation on issues and artists. Repeatable when topic changes.
Prereq: ARTS 288.

ARTS401. Research: [Topic]. 1-12 Credits.
Repeatable.

ARTS404. Internship: [Topic]. 1-12 Credits.
Repeatable.

ARTS405. Reading and Conference: [Topic]. 1-6 Credits.
Repeatable.

ARTS406. Special Problems: [Topic]. 1-8 Credits.
Repeatable.

ARTS407. Seminar: [Topic]. 1-3 Credits.
Repeatable.

ARTS408. Workshop: [Topic]. 1-6 Credits.
Repeatable.

ARTS409. Terminal Creative Project B.F.A.. 1-12 Credits.
Repeatable.

ARTS410. Experimental Course: [Topic]. 1-6 Credits.
Repeatable.

ARTS490. Issues and Practices in Sculpture. 3-5 Credits.
Intensive critique, discussion, readings, and presentations.
Prereq: B.F.A. standing.

ARTS491. Methodologies: [Topic]. 4 Credits.
Explores conceptually driven topics in sculpture such as formless, assemblage, and new landscapes. Sequence with ARTS 288, 393, 493. Repeatable twice for a maximum of 12 credits.
Prereq: ARTS 393.

ARTS493. Advanced Sculpture. 4 Credits.
Designed for students who have completed several upper-division sculpture courses. Individual and group critiques; development and articulation of individual voice. Sequence with ARTS 288, ARTS 393, ARTS 491.
Prereq: ARTS 288, 393.

ARTS507. Seminar: [Topic]. 1-3 Credits.
Repeatable.

ARTS508. Workshop: [Topic]. 1-6 Credits.
Repeatable.

ARTS510. Experimental Course: [Topic]. 1-6 Credits.
Repeatable.

ARTS590. Issues and Practices in Sculpture. 3-5 Credits.
Intensive critique, discussion, readings, and presentations. Prereq: M.F.A. standing.

ARTS591. Methodologies: [Topic]. 4 Credits.
Explores conceptually driven topics in sculpture such as formless, assemblage, and new landscapes. Repeatable twice for a maximum of 12 credits.

ARTS601. Research: [Topic]. 1-12 Credits.
Repeatable.

ARTS604. Internship: [Topic]. 1-12 Credits.
Repeatable.

ARTS605. Reading and Conference: [Topic]. 1-6 Credits.
Repeatable.

ARTS606. Special Problems: [Topic]. 1-12 Credits.
Repeatable.

ARTS607. Seminar: [Topic]. 1-4 Credits.
Repeatable.

ARTS608. Colloquium: [Topic]. 1-8 Credits.
Repeatable.

ARTS609. Terminal Creative Project MFA. 1-12 Credits.
Repeatable.

Arts and Administration

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The Arts and Administration Program—the only one of its kind in the Pacific Northwest—combines knowledge in the visual, literary, and performing arts with social, cultural, managerial, and educational concerns that pertain to administering nonprofit, for-profit, and public arts organizations and programs. The field of specialization is arts management, with concentrations in community arts, media management, museum studies, and performing arts. It is a multidisciplinary field, dedicated to increasing opportunities in arts and culture for individuals and society. A growing number of scholars critically examine issues in the arts and society from community to international-policy levels. Study of these issues is vital to effective arts management for cultural preservation and advancement in the United States and abroad.

The program offers an undergraduate minor in arts management, master of arts (MA) or master of science (MS) degrees in arts management, and a graduate certificate in museum studies.

Faculty

Sisy Anderson, instructor. BA, 1993, Western Oregon; MS, 1996, University of Oregon. (2014)

Catherine Ballard, assistant professor (art education). BA, 1976, Hawaii, Manoa; MA, 1982, Pepperdine; PhD, 1990, Oregon. (2002)

Doug Blandy, professor (art and community service, art and special populations); associate dean, academic affairs. BS, 1974, Ohio; MA, 1979, PhD, 1983, Ohio State. (1987)

Patricia Dewey Lambert, associate professor (performing arts, cultural policy). BM, 1990, Indiana; MA, 1997, Webster; MAS, 1998, International Center for Culture and Management; PhD, 2004, Ohio State. (2003)

John Fenn, associate professor (media management, folklore, ethnomusicology). BA, 1992, California, San Diego; MA, 1998, PhD, 2004, Indiana, Bloomington. (2005)

Greg Gurley, instructor (theater). BA, 1979, LaGrange; MA, 1984, West Georgia; MA, 1997, Washington State; PhD, 2006, Arizona State. (2006)

Darrel Kau, instructor. BM, 1991, MS, 1998, Oregon. (2014)

Christina Kreps, associate professor (museum studies). BA, 1981, Colorado College; MA, 1988, PhD, 1994, Oregon (2015)

Alice Parman, adjunct assistant professor (art education). BA, 1964, Rochester; MAT, 1965, Harvard; PhD, 1972, Chicago. (1988)

Eleonora Redaelli assistant professor. Laurea, 1997, Università degli Studi di Milano; DMA, 2000, Conservatorio di Musica Giuseppi Verdi; PhD, 2008, Ohio State. (2014)

Eric Schiff, adjunct instructor (information technology). BA, 1977, MA 1981, Oregon. (1988)

Julie Voelker-Morris, adjunct instructor. BA, 1996, Augustana College; MS, 2002, Oregon. (2014)

Emeriti

Gaylene Carpenter, associate professor emerita. BA, 1965, MS, 1973, California State, Long Beach; EdD, 1980, Temple. (1983)

Rogena M. Degge, professor emerita. BA, 1964, Fresno State; MS, 1972, PhD, 1975, Oregon. (1979)

Linda F. Ettinger, associate professor emerita. BFA, Southwest Missouri State; MS, 1973, Illinois State; PhD, 1983, Oregon. (1982)

Jane Gehring, associate professor emerita. BS, 1940, Michigan State Teachers; MS, 1960, Oregon. (1958)

Beverly J. Jones, associate professor emerita. BS, 1967, Oregon College of Education; MS, 1976, PhD, 1977, Oregon. (1977)

The date in parentheses at the end of each entry is the first year on the University of Oregon faculty.

Affiliated

Lisa Abia-Smith, Jordan Schnitzer Museum of Art

David Bretz, Academic Extension

Michael Bukowski, Academic Extension

Elizabeth Hoffman, Academic Extension

Scott Huette, Academic Extension

David Turner, Academic Extension

Robert Voelker-Morris, University Teaching and Learning Center

- **Minor**

Undergraduate Studies

Undergraduate courses that are approved for the arts and letters group requirement are listed on the registrar's website (https://registrar.uoregon.edu/current-students/group-satisfying-and-multicultural-courses).

Students from all UO majors may minor in arts management. The minor is designed for students with an interest in participating in, leading, and managing arts organizations and activities across the arts sector.

Participatory learning experiences in the form of practicums with local arts organizations provide students with practical learning opportunities that extend the classroom into the community and provide students with important professional experiences and connections.

Course requirements encourage students to understand the relationships among arts and culture, ethnicity, politics, economics, education, class, gender, age, and occupation. Students graduating with a minor in arts management are prepared to work in a variety of settings within the arts sector and to successfully implement methodologies for arts program development and arts administration across a range of formal and informal, for-profit, nonprofit, and public arts organizations within a community.

The minor requires 28 credits with grades of C+ or better. A minimum of 20 credits must come from courses with the AAD subject code. Up to 8 upper-division credits may come from your major area, with specific approval by the arts management minor advisor.

Minor in Arts Management Requirements

AAD312	Arts Management	4
AAD451	Community Cultural Development	4
Select one of the following:		4
AAD250	Art and Human Values	
AAD251	The Arts and Visual Literacy	
AAD252	Art and Gender	
16 upper-division credits selected from the following approved courses:		16
AAD301	Understanding Arts and Creative Sectors	
AAD315	Funding the Arts	
AAD409	Practicum: [Topic]	
AAD420	Event Management	
AAD421	Cultural Programming	
AAD428	The Cultural Museum	
AAD429	Museum Education	
AAD430	Youth Arts Curriculum and Methods	
AAD434	Entrepreneurship and the Arts	
AAD435	Arts Business Development	
AAD471	Performing Arts Management	
Total Credits		**28**

- **Master of Arts**
- **Master of Science**
- **Certificate in Museum Studies**

Graduate Studies

The design of the master's degree program in arts management is based on the underlying belief that professional arts managers must be familiar with the social, cultural, political, and ethical contexts of the arts in general.

Program Objectives

1. Prepare students for professional leadership positions in international, national, and regional public and private arts and cultural organizations, including museums and galleries, community nonprofit organizations, arts foundations, performing arts centers, and festivals
2. Provide field experience in arts agencies by incorporating a field-based internship component that enhances the student's ability to move into professional positions in arts and cultural organizations
3. Facilitate the development of individual research projects that contribute to the body of knowledge on the theory and practice of arts policy, administration, and management in an era of dynamic sociocultural change
4. Provide opportunities for students to enhance their knowledge and skills or develop new careers in the arts

Careers

The master's degree in arts management, depending on the chosen concentration, offers preparation for students who seek administrative careers in the visual arts, performing arts, community arts, or the arts in health-care management in the public, nonprofit, or the private sector.

Admission

Admission to graduate study requires previous study in the visual or performing arts and the humanities. Although an undergraduate degree in the arts is not required, related course work or equivalent professional experience is standard. Applicants from the business, management, and social science fields are encouraged. Applicants are asked to indicate interest in a particular concentration area when they apply; application materials are reviewed with this interest in mind; and appropriate entry qualifications are examined.

Students planning graduate study may find information and application forms by visiting the program's website.

Admission is determined by the arts management master's degree admissions committee, which consists of faculty members of the Arts and Administration Program and faculty representatives from concentration areas when appropriate.

The admissions committee considers every aspect of the applicant's file when making its decision for admission. No standardized test is required. Financial aid in the form of a limited number of teaching, research, or administrative fellowships is available, typically to second-year students. The Graduate School has information about fellowship options that are open to students from any program, at any point in their studies. See the **Graduate School** section of this catalog.

Master's Degree Requirements

The requirements listed below are subject to change.

The master's degree in arts management is designed to be a two-year, full-time program, with a deliberate progression of cumulative course

work; however, students may take up to seven years to complete the program. Students pursue a master of science (MS) or a master of arts (MA) degree, completing a minimum of 72 credits. The MA degree requires competence equivalent to second-year study in a second language.

Study in the master's degree program has three parts:

1. core and management courses, including a communications technology component
2. a concentration area or area of specialization
3. research and practice, including a summer internship between the first and second years of studt

Students learn the techniques needed to analyze and develop arts policy as well as skills in grant and research report writing and review. In addition to course work and an internship, students are required to complete a master's degree project, capstone project, or thesis that demonstrates in-depth knowledge of practical or theoretical issues of importance to professionals in public, nonprofit, and private arts organizations from diverse social and cultural settings. Projects often focus on issues that were explored during the student's internship.

Master of Arts Requirements

Core Courses [1]		
PPPM507	Seminar: [Topic] (Financial Management for Arts Organizations)	4
AAD522	Arts Program Theory	4
AAD550	Art in Society	4
AAD562	Cultural Policy	4
AAD612	Cultural Administration	4
Courses chosen in consultation with advisor		8
Research [1]		
AAD605	Reading and Conference: [Topic] (Research Reading)	1
AAD630	Research Methodology	4
AAD631	Research Proposal Development	3
Select one of the following:		6-9
AAD503	Thesis (minimum 9 credits)	
AAD601	Research: [Topic] (Project or Capstone Research, minimum 6 credits)	
Internship [1]		6
Select from the following:		
AAD604	Internship: [Topic] (Internship I, 1 credit)	
AAD604	Internship: [Topic] (Internship II, 4-6 credits)	
AAD604	Internship: [Topic] (Internship III, 1 credit)	
Electives [1]		16
Total Credits		**64-67**

1 Further course work toward degree requirements, including coursework in the area of arts marketing, media, and communications, and toward elective courses are chosen in consultation with an advisor.

Foreign Language Requirement

Competence equivalent to second-year study in a second language.

Master of Science Requirements

Core Courses [1]		
PPPM507	Seminar: [Topic] (Financial Management for Arts Organizations)	4
AAD522	Arts Program Theory	4
AAD550	Art in Society	4
AAD562	Cultural Policy	4
AAD612	Cultural Administration	4
Courses chosen in consultation with advisor		8
Research [1]		
AAD605	Reading and Conference: [Topic] (Research Reading)	1
AAD630	Research Methodology	4
AAD631	Research Proposal Development	3
Select one of the following:		6-9
AAD503	Thesis (minimum 9 credits)	
AAD601	Research: [Topic] (Project or Capstone Research, minimum 6 credits)	
Internship [1]		6
Select from the following:		
AAD604	Internship: [Topic] (Internship I, 1 credit)	
AAD604	Internship: [Topic] (Internship II, 4-6 credits)	
AAD604	Internship: [Topic] (Internship III, 1 credit)	
Electives [1]		16
Total Credits		**64-67**

1 Further course work toward degree requirements, including coursework in the area of arts marketing, media, and communications, and toward elective courses are chosen in consultation with an advisor.

Core Courses

Courses address the study and management of the arts in social and cultural contexts with a focus on arts policy and information management. Nonprofit and for-profit organizations and issues are addressed.

Research and Practice

Candidates for the master's degree complete terminal research in the form of a thesis, research capstone, individual research project, or group field-based professional project. Required courses in research methodology and professional practice prepare students for the summer internship and for writing the paper or thesis.

Area of Concentration

Selection of a concentration area allows students to pursue study that contributes to specific professional goals. A curricular plan is developed with an advisor during the first term of graduate study. Four concentration areas are available:

- community arts management
- museum studies and management

- performing arts management
- arts in health-care management

Technology

A personal computer facilitates work in software applications and research for courses. Minimum recommendations for hardware and software are included on the program's website.

Certificate in Museum Studies

The multidisciplinary, graduate-level museum studies certificate is awarded through the School of Architecture and Allied Arts, with the cooperation of the Arts and Administration Program; the Departments ofAnthropology and the History of Art and Architecture; and campus museum professionals.

Museum Studies Certificate Requirements

Department Degree Requirements		
Courses		12
Museum Studies Core and Electives		
AAD510	Experimental Course: [Topic] [1]	1-5
AAD529	Museum Education [1]	4
Electives [1,2]		8
Total Credits		**28**

1. A total of 16 credits must be taken in the museum studies core and electives.
2. A variety of elective courses—many offered by departments outside the School of Architecture and Allied Arts—may be applied to the certificate requirements. The certificate program culminates with a presentation by the student.

Students exit the program with practical and theoretical museum management strategies that are applicable in leadership positions in small to large, community to national, public or private museums.

Arts and Administration as a Supporting Area of Study for Doctoral Students in the SchoolofMusic and Dance

Arts administration is available as a supporting area of study for School of Music and Dance DMA and PhD students. The supporting area is generally viewed as mastery of an area of study at a master's degree level, although no master's degree is gained, and may be linked with the student's primary doctoral research interest areas and professional goals. Refer to Doctoral Degree Programs in the School of Music and Dance section of this catalog. Prospective students must apply directly to the Arts and Administration Program, but should begin the application process by contacting a staff member in the School of Music and Dance graduate office for more information.

Courses

AAD198. Workshop: [Topic]. 1-5 Credits.
Repeatable.

AAD199. Special Studies: [Topic]. 1-5 Credits.
Repeatable.

AAD250. Art and Human Values. 4 Credits.
Addresses fundamental aesthetic theory and practice questions resulting from viewing art as a powerful communicator of social and cultural values. Values, rights, and responsibilities of the contemporary visual environment.

AAD251. The Arts and Visual Literacy. 4 Credits.
Explores ways in which physical, perceptual, affective, and cognitive modes of learning interact when viewing, interpreting, and assessing designed visual information within sociocultural contexts.

AAD252. Art and Gender. 4 Credits.
Addresses sociocultural factors influencing roles of women and men in arts disciplines. Examines underlying social structures that affect how we define art and artists.

AAD301. Understanding Arts and Creative Sectors. 4 Credits.
Mapping the concepts of "art world" and "creative sector" as they relate to each other and to the practice of arts administration.

AAD312. Arts Management. 4 Credits.
Introduces the field of professional management of arts organizations such as museums, galleries, community arts centers, and performing arts centers.

AAD315. Funding the Arts. 4 Credits.
Introduces the marketing and fundraising management functions in arts organizations such as museums, galleries, community arts centers, and performing arts organizations.

AAD399. Special Studies: [Topic]. 1-5 Credits.
Repeatable.

AAD401. Research: [Topic]. 1-18 Credits.
Repeatable.

AAD404. Internship: [Topic]. 1-18 Credits.
Repeatable.

AAD405. Reading and Conference: [Topic]. 1-18 Credits.
Repeatable.

AAD406. Special Problems: [Topic]. 1-18 Credits.
Repeatable.

AAD407. Seminar: [Topic]. 1-5 Credits.
Repeatable.

AAD408. Workshop: [Topic]. 1-18 Credits.
Repeatable.

AAD409. Practicum: [Topic]. 1-18 Credits.
Repeatable.

AAD410. Experimental Course: [Topic]. 1-5 Credits.
Repeatable. Current topics are The Cultural Museum, The History Museum, Performing Arts Policy and Administration.

AAD420. Event Management. 4 Credits.
Examines management practices and trends of special events, festival, celebrations, and fundraisers sponsored by organizations.

AAD421. Cultural Programming. 4 Credits.
Explores the practice and theory related to arts and cultural programming in the public sector.

AAD422. Arts Program Theory. 4 Credits.
Explores program theory, principles, and practices associated with comprehensive arts programs.

AAD425. Ethics in the Arts and Museums. 4 Credits.
Introduces current ethical concerns relevant to museums and the audiences they serve and focuses on the philosophical and practical dilemmas faced by exhibiting institutions.

AAD428. The Cultural Museum. 3 Credits.
Introduces students to museum studies—the study of museum history, theory, and practice—from an anthropological perspective. Satisfies a core requirement for the graduate certificate in museum studies.

AAD429. Museum Education. 4 Credits.
Examines theory and practice of museum education. Analyzes program-development approaches for university and community audiences; creates educational materials for campus and local museums.

AAD430. Youth Arts Curriculum and Methods. 3-4 Credits.
Teachers in training are provided introductory knowledge and skills necessary for implementing arts instruction as an integral part of the core curriculum for younger learners.

AAD434. Entrepreneurship and the Arts. 4 Credits.
Provides exploration into the evolution of entrepreneurship in the arts; instructs emerging artists to assess their entrepreneurial potential and develop strategic planning skills in finance, legal issues, and cultural leadership.

AAD435. Arts Business Development. 4 Credits.
Students research the strategies of effective startup business planning and apply their investigations in organizational, financial, and legal practices by creating a business or strategic plan.

AAD450. Art in Society. 4 Credits.
Concepts derived from anthropology, philosophy, sociology, and art education are used to examine fine, popular, folk, industrial, and environmental art forms in contemporary society.

AAD451. Community Cultural Development. 4 Credits.
Overview of services that art and art educators perform in the community. Explores settings, constituencies, philosophical approaches, methodologies, planning, and funding of community art programs.

AAD462. Cultural Policy. 4 Credits.
Examines the impact of cultural policies and institutions on opportunities of the artistic community, on what art forms are made accessible, and on the general aesthetic welfare of the public.

AAD465. Marketing the Arts. 4 Credits.
Contemporary theory, issues, and skills important to marketing the arts in nonprofit, for-profit, and public cultural organizations.

AAD471. Performing Arts Management. 4 Credits.
Examines development of cultural-policy institutions and processes worldwide; emphasis on understanding contemporary American cultural-policy issues. Governance and strategic planning; executive leadership; management; revenue; developing audiences; cross-cultural interactions.

AAD472. Artistic Administration in the Performing Arts. 4 Credits.
Focuses on developing leadership and management skills for professional nonprofit performing arts administration (e.g., theater, music, opera, dance). Topics in artistic administration, programming, artist management, and operations and production management.

AAD484. Advanced Information Design and Presentation. 3 Credits.
Compares design and presentation of information processed electronically and traditionally. Uses concepts from art and graphic design; computer, behavioral, and social sciences. Practical applications in business, education, and communications.

AAD485. Multimedia for Arts and Administrators. 3 Credits.
Examines multimedia tools, platforms, and trends that influence information retrieval, display, and presentation. Uses concepts from graphic design, information processing, and project management. Prereq: AAD 484 or equivalent.

AAD503. Thesis. 1-16 Credits.
Repeatable.

AAD507. Seminar: [Topic]. 1-5 Credits.
Repeatable.

AAD508. Workshop: [Topic]. 1-18 Credits.
Repeatable.

AAD510. Experimental Course: [Topic]. 1-5 Credits.
Repeatable. Current topics are The Cultural Museum, The History Museum, Performing Arts Policy and Administration.

AAD520. Event Management. 4 Credits.
Examines management practices and trends of special events, festival, celebrations, and fundraisers sponsored by organizations.

AAD521. Cultural Programming. 4 Credits.
Explores the practice and theory related to arts and cultural programming in the public sector.

AAD522. Arts Program Theory. 4 Credits.
Explores program theory, principles, and practices associated with comprehensive arts programs.

AAD525. Ethics in the Arts and Museums. 4 Credits.
Introduces current ethical concerns relevant to museums and the audiences they serve and focuses on the philosophical and practical dilemmas faced by exhibiting institutions.

AAD528. The Cultural Museum. 3 Credits.
Introduces students to museum studies—the study of museum history, theory, and practice—from an anthropological perspective. Satisfies a core requirement for the graduate certificate in museum studies.

AAD529. Museum Education. 4 Credits.
Examines theory and practice of museum education. Analyzes program-development approaches for university and community audiences; creates educational materials for campus and local museums.

AAD530. Youth Arts Curriculum and Methods. 3-4 Credits.
Teachers in training are provided introductory knowledge and skills necessary for implementing arts instruction as an integral part of the core curriculum for younger learners.

AAD550. Art in Society. 4 Credits.
Concepts derived from anthropology, philosophy, sociology, and art education are used to examine fine, popular, folk, industrial, and environmental art forms in contemporary society.

AAD551. Community Cultural Development. 4 Credits.
Overview of services that art and art educators perform in the community. Explores settings, constituencies, philosophical approaches, methodologies, planning, and funding of community art programs.

AAD562. Cultural Policy. 4 Credits.
Examines the impact of cultural policies and institutions on opportunities of the artistic community, on what art forms are made accessible, and on the general aesthetic welfare of the public.

AAD565. Marketing the Arts. 4 Credits.
Contemporary theory, issues, and skills important to marketing the arts in nonprofit, for-profit, and public cultural organizations.

AAD571. Performing Arts Management. 4 Credits.
Examines development of cultural-policy institutions and processes worldwide; emphasis on understanding contemporary American cultural-policy issues. Governance and strategic planning; executive leadership; management; revenue; developing audiences; cross-cultural interactions.

AAD572. Artistic Administration in the Performing Arts. 4 Credits.
Focuses on developing leadership and management skills for professional nonprofit performing arts administration (e.g., theater, music, opera, dance). Topics in artistic administration, programming, artist management, and operations and production management.

AAD584. Advanced Information Design and Presentation. 3 Credits.
Compares design and presentation of information processed electronically and traditionally. Uses concepts from art and graphic design; computer, behavioral, and social sciences. Practical applications in business, education, and communications.

AAD585. Multimedia for Arts and Administrators. 3 Credits.
Examines multimedia tools, platforms, and trends that influence information retrieval, display, and presentation. Uses concepts from graphic design, information processing, and project management. Schiff.
Prereq: AAD 484/584 or equivalent.

AAD601. Research: [Topic]. 1-16 Credits.
Repeatable.

AAD602. Supervised College Teaching. 1-5 Credits.
Repeatable.

AAD604. Internship: [Topic]. 1-16 Credits.
Repeatable.

AAD605. Reading and Conference: [Topic]. 1-16 Credits.
Repeatable.

AAD606. Special Problems: [Topic]. 1-16 Credits.
Repeatable.

AAD607. Seminar: [Topic]. 1-5 Credits.
Repeatable.

AAD608. Workshop: [Topic]. 1-16 Credits.
Repeatable.

AAD609. Practicum: [Topic]. 1-16 Credits.
Repeatable.

AAD610. Experimental Course: [Topic]. 1-5 Credits.
Repeatable.

AAD612. Cultural Administration. 4 Credits.
Provides a grounded foundation for course work in the Arts and Administration Program.

AAD630. Research Methodology. 4 Credits.
Scientific bases and classification of research; methodologies used in descriptive, analytical, and experimental research. Development of research proposals and critique of research reports.

AAD631. Research Proposal Development. 3 Credits.
Conceptualize, research, and develop proposal for graduate thesis or project.
Prereq: AAD 630

Historic Preservation

Kingston Heath, Program Director
541-346-2115
251A Lawrence Hall
5233 University of Oregon
Eugene, Oregon 97403-5233

The University of Oregon's Historic Preservation Program is housed within the School of Architecture and Allied Arts. The graduate program was established in 1980, and an undergraduate minor open to all university majors was initiated in 1987.

The Historic Preservation Program is best described as having broad cultural concerns with a technical emphasis. Attention is given to historic places, buildings, and landscapes in terms of their specific forms, materials, construction, and use. The cultural and theoretical context in which they were developed is addressed, as is the impact of time upon their materials, meanings, and needs. The technologies, interpretations, and means for sustaining the presence of historic places in the future are also emphasized.

Students gain an understanding of historic resources and the processes for their preservation. This includes core courses in research methods, preservation history and theory, architectural history, and the economic, legal, and administrative processes of preservation. Students choose from three focal areas:

1. sustainable preservation theory, design, and technology
2. cultural resource management
3. resource identification and evaluation

Other focal areas are feasible but must be approved in advance by the submission of a curriculum plan by the student by the second term of the student's first year.

Courses are augmented by fieldwork in the urban, suburban, and rural areas of the region. Oregon contains Native American sites, rural buildings and landscapes developed by U.S. and European immigrant pioneers from the 1830s, as well as urban development since the 1840s. More recent transformations of the landscape by various ethnic groups and technological innovations are also explored. Extensive instructional use of the region takes place through an emphasis on the cultural and technical aspects of vernacular resources, field trips, participation in projects at the university, and through local community groups. There is also frequent involvement with the area's professionals, officials, and agencies concerned with historic resources.

Recent opportunities for experience include window restoration and traditional earth construction workshops, documentation for a Historic American Buildings Survey for the Alaska Regional Office of the National Park Service, U.S. Department of the Interior; a preservation field guide for the community of Ebey's Landing National Historical Reserve; a condition assessment and stabilization of Gilbert's Cabin in North Cascades National Park; a condition assessment of Frank Lloyd Wright's Usonian Gordon House in Silverton, Oregon; the documentation of the Finney House frontier cabin in Nevada City, Montana; the limestone roof replacement on a late sixteenth-century stone cottage on the island of Drvenik Veli, Croatia; and the reconstruction of the Ferry House porch in Ebey's Landing National Historical Reserve, Whidbey Island, Washington.

In addition to providing hands-on training in what might be considered mainstream preservation activities, the program emphasizes the importance of cultural conservation including issues of diversity, identity, and community development. This includes a concern not only for how various ethnic groups shaped buildings and landscapes in the distant past, but how similar settings are reproduced by cultural groups in the present. Individual research efforts by students are augmented by

visiting lecturers, such as those by Boyd Pratt, Jean Carroon, and Gunny Harboe.

Beyond completing core and focal area courses, each student is required to complete individualized study, including reading and thesis research, a summer internship, and a thesis or terminal project. Some former students have chosen to develop specialties and concurrent master's degrees in closely related fields such as architecture, landscape architecture, and planning, public policy and management; others have created more unique combinations with studies in museums, economic development, and Russian, East European, and Eurasian studies. Besides encouraging students to develop an individualized course of study, the program is characterized by students who exhibit self-motivation and individual initiative. These traits, which are not only expected but are also necessary for successful completion of the program, contribute to the professional growth of students. Graduates of the Historic Preservation Program are employed in preservation-related fields over a wide geographic area. Some choose to pursue work in the private sector as specialists in architectural offices or as consultants. Others serve in the public sector with municipal planning departments, state historic preservation offices, or federal cultural resources divisions. Some graduates choose to work with nonprofit agencies, while others select careers in preservation and restoration.

Faculty

Lauren Allsopp, instructor (historic preservation). BA, 1976, Michigan, Ann Arbor; MS, 1980, Columbia; PhD, 1988, Edinburgh. (2012)

Christopher Bell, instructor (historic preservation). BA, 1998, Williams; MS, 2005, Oregon. (2009)

Elizabeth Carter, instructor (historic preservation). BA, 1988, MS, 1994, Oregon. (2005)

Eric L. Eisemann, instructor (legal issues). BA, 1974, Knox; MA, 1980, Western Kentucky; JD, 1994, Lewis and Clark. (1984)

Jessica Engeman, adjunct instructor (historic preservation, planning). BA, 2001, MS, MCRP, 2004, Oregon. (2005)

Kingston Heath, professor (historic preservation). BA, 1968, Lake Forest; MA, 1975, Chicago; MA, 1978, PhD, 1985, Brown. (2003)

Amy Miller Dowell, adjunct instructor (historic preservation). BA, 1982, California, Berkeley; MArch, MS, 1986, Columbia. (2012)

Rick Minor, courtesy adjunct instructor (archaeology). BA, 1972, California State, Fullerton; MA, 1973, PhD, 1983, Oregon. (2009)

Suzana Radivojevic, adjunct instructor (wood science). BScFE, 1997, Belgrade; PhD, 2006, Toronto. (2013)

Kirk Ranzetta, instructor (historic preservation, planning). BA, 1994, Mary Washington; MA, 1996, PhD, 2006, Delaware. (2006)

Shannon Sardell, instructor (historic preservation). BArch, 2001, MS, 2006, Oregon. (2008)

The date in parentheses at the end of each entry is the first year on the University of Oregon faculty.

Participating

Erin Cunningham, architecture

Howard Davis, architecture

Keith Eggener, history of art and architecture

Mark Eischeid, landscape architecture

Mark Gillem, architecture

Maile Hutterer, history of art and architecture

Renee A. Irvin, planning, public policy andmanagement

Robert Z. Melnick, landscape architecture

Robert L. Thallon, architecture

Jenny Young, architecture

- **Minor**

Undergraduate Studies

Historic preservation is an inherently interdisciplinary field. The minor is particularly well-suited for students studying anthropology, architecture, history, the history of art and architecture, landscape architecture, and planning, public policy and management. Undergraduate students, no matter their major, are eligible to enroll in the minor, however.

The interdisciplinary minor in historic preservation requires a minimum of 27 credits as described below.The lowest accepted passing grade for courses used to complete the undergraduate minor in historic preservation is a C– or better. Some courses required for the minor are only offered every other year.

Minor Program

Core Courses		
AAAP411	Introduction to Historic Preservation	3
Select three of the following:		12
AAAP408	Workshop: [Topic] (Pacific Northwest Field School)	
AAAP410	Experimental Course: [Topic] (see program for current, approved offerings)	
AAAP415	Transportation and Preservation	
AAAP421	American Architecture from a Preservation Perspective I	
AAAP422	American Architecture from a Preservation Perspective II	
AAAP423	American Architecture from a Preservation Perspective III	
AAAP435	Historical Archaeology in Preservation	
AAAP441	Legal Issues in Historic Preservation	
AAAP451	Historic Survey and Inventory Methodology	
AAAP445	Preservation Economics	
OXEU488	Overseas Experimental Program: Europe	
Related Courses		
Select courses from the following:		12
AAAP431	National Register Nomination	
AAD428	The Cultural Museum	
AAD429	Museum Education	
AAD462	Cultural Policy	
ANTH449	Cultural Resource Management	

ANTH450	The Anthropology Museum
ARCH430	Architectural Contexts: Place and Culture
ARCH440	Human Context of Design
ARCH470	Building Construction
ARH463	Native American Architecture
ARH465	American Architecture II
ARH466	American Architecture III
ARH468	Oregon Architecture
GEOG471	North American Historical Landscapes
GEOG481	GIScience I
LA375	Contemporary American Landscape
PPPM422	Grant Proposal Writing
PPPM432	Justice and Urban Revitalization
PPPM442	Sustainable Urban Development
PPPM448	Collaborative Planning and Management
PPPM452	Public Participation in Diverse Communities
PPPM480	Nonprofit Management I
PPPM481	Fundraising for Nonprofit Organizations
Total Credits	**27**

Courses from other university departments may be substituted with approval of the program director.

To declare the minor, please complete the undergraduate minor intent form (http://hp.uoregon.edu/sites/hp.uoregon.edu/files/downloads/HP%20Minor%20Intent%20Form%202013.pdf)and schedule an advising appointment with the program director, Kingston Heath (kwheath@uoregon.edu), to clarify your goals for enrolling in the program and map out your curriculum. Once complete, submit your signed intent form to the program office.

- **Master of Science**

Graduate Studies

A master of science (MS) degree in historic preservation is offered by the School of Architecture and Allied Arts. Although no particular training is preferred, students whose backgrounds are primarily in historic preservation, architecture, landscape architecture, and architectural history are most prepared for this program. Course work includes training in the social sciences, preservation theory and law, the characteristics of historic buildings and landscapes, historic building technology, and the procedures for evaluating and recording historic sites and buildings.

The program is administered by the Historic Preservation Committee, an interdepartmental committee in the School of Architecture and Allied Arts.

Admission

Applications to the graduate program should contain the following:

1. Completed online application and fee
2. Biographical summary
3. Educational and professional summary
4. Statement of intent
5. Selected examples of written material, graphic work, or both
6. Official transcripts of all college work
7. Three letters of recommendation, preferably from academic or professional sources

Students whose first language is not English must submit Test of English as a Foreign Language (TOEFL) scores of at least 88.

Students who want to participate in the program through the Western Regional Graduate Program (WRGP) should inquire at the historic preservation office or the Graduate School.

General university regulations about graduate admission are described in the **Graduate School** section of this catalog.

The application deadline is January 15 for admission the following fall term. Requests for more information and application materials should be directed to the office staff of the Historic Preservation Program at histpres@uoregon.edu or the graduate administrative fellow (available September–June) at hpgtf@uoregon.edu. Information is also available on the program's website.

Master of Science Requirements

The MS degree in historic preservation requires 73 credits in five areas: historic preservation core courses, architectural history core courses, focal area courses, approved electives, and individualized study courses, which include thesis or terminal project, research, and an internship. Students choose one of three focal areas in which to specialize—sustainable preservation theory, design, and technology; cultural resource management; or resource identification and evaluation.

Historic Preservation Core		
AAAP508	Workshop: [Topic] (Pacific Northwest Field School)	2
AAAP511	Introduction to Historic Preservation	3
AAAP531	National Register Nomination	3
AAAP541	Legal Issues in Historic Preservation	3
orAAAP515	Transportation and Preservation	
orAAAP545	Preservation Economics	
AAAP551	Historic Survey and Inventory Methodology	3
AAAP610	Experimental Course: [Topic] (Thesis Proposal)	3
Architectural History Core		
Select two of the following: [1]		8
AAAP521	American Architecture from a Preservation Perspective I	
AAAP522	American Architecture from a Preservation Perspective II	
AAAP523	American Architecture from a Preservation Perspective III	
Select one additional course (from the approved list) about the history of architecture, landscape architecture, interior architecture, or the history of building construction [1]		4
Focal Area		
Courses (see Focal Areas section below)		18
Electives		
Courses in other focal areas, from approved list of courses, or in other departments with advisor approval		7
Individualized Study [2]		
AAAP601	Research: [Topic]	2

AAAP609	Practicum: [Topic] (Internship I)	2
AAAP607	Seminar: [Topic] (Internship II)	3
AAAP503	Thesis [3]	12
orAAAP611	Terminal Project	
Total Credits		**73**

1. Courses must be taken for a letter grade.
2. An internship is included in the Individualized Study requirements.
3. Before enrolling in Thesis (AAAP503) or Terminal Project (AAAP611), the student must develop a project proposal and have it approved by a committee of two or more members, at least one of whom must be University of Oregon faculty members. When the thesis or terminal project nears completion, the student must present the results of the project to faculty members and students and gain final approval of the project's documentation from the faculty committee. Requirements for the final presentation are listed in the current graduate program guide.

Focal Areas

The three focal areas described in this section reflect the particular interest areas and professional careers that are traditionally sought by program graduates. To focus their studies, students select courses from one of the three areas. Those who want to pursue a broader range of interests may select courses from more than one of the focal areas and develop an approved alternative focal area. It is the student's responsibility to construct such an alternative focal area and present it to the program director for approval no later than the second quarter of the first year of study. A full list of courses for each focal area are available on the program website: hp.uoregon.edu/master-science-degree-requirements.

- **Sustainable Preservation Theory, Design, and Technology.** Focusing on the practice of preservation, emphasis is placed on the skills needed to research, plan, and direct the restoration and adaptive reuse of buildings, places, and landscapes as well as to determine the appropriate levels of treatment.
- **Cultural Resource Management.** Embodied in historic preservation is the management of cultural resources. This focal area provides the legal, planning, and management skills needed for individuals to work within organizations that support efforts to manage cultural resources in both the public and private sectors.
- **Resource Identification and Evaluation.** This focal area reveals the insights and investigative tools for archival and cultural resource research to establish the history and context of buildings, interior spaces, and landscapes that determined settlement, organization, and a sense of place.

AAAP120. University of Oregon: Preservation and Place. 4 Credits.
Study of the University of Oregon's historic physical environment as understood through the lens of historic preservation and complementary disciplines.

AAAP199. Special Studies: [Topic]. 1-5 Credits.
Repeatable.

AAAP406. Special Problems: [Topic]. 1-6 Credits.
Repeatable when topic changes.

AAAP407. Seminar: [Topic]. 1-5 Credits.
Repeatable.

AAAP408. Workshop: [Topic]. 1-5 Credits.
Repeatable.

AAAP410. Experimental Course: [Topic]. 1-5 Credits.
Repeatable. Current topics are American Building Construction, American Architecture from a Preservation Perspective, Research Methods.

AAAP411. Introduction to Historic Preservation. 3 Credits.
History, evolution, modern concepts, and professional techniques of historic preservation.

AAAP415. Transportation and Preservation. 3 Credits.
Addresses compliance issues with preservation laws relating to transportation development. Includes understanding processes and negotiating needs of the resource with the needs of transportation authorities.

AAAP421. American Architecture from a Preservation Perspective I. 4 Credits.
American built environment from the colonial era to the federal period. Stylistic development and building analysis for preservation; cultural, historical, and physical contexts within building forms.

AAAP422. American Architecture from a Preservation Perspective II. 4 Credits.
American built environment from the federal period to 1893. Stylistic development and building analysis for preservation; cultural, historical, and physical contexts within building forms.

AAAP423. American Architecture from a Preservation Perspective III. 4 Credits.
American built environment from 1893 to the present. Stylistic development and building analysis for preservation; cultural, historical, and physical contexts within building forms.

AAAP431. National Register Nomination. 3 Credits.
Provides information and instruction on all aspects of the National Register program and process. Facilitates completion of registration form.

AAAP435. Historical Archaeology in Preservation. 3 Credits.
Explores the interrelationships between historical archaeology and historic preservation, two fields linked together by common interests in documentation, identification, interpretation, and preservation of heritage resources.

AAAP441. Legal Issues in Historic Preservation. 3 Credits.
Examines constitutional, statutory, and common law affecting historic preservation. Covers First Amendment, eminent domain, due process, police powers, regulatory "takings," and aesthetic zoning.

AAAP445. Preservation Economics. 3 Credits.
Economics of historic preservation and the financial techniques and incentives used to rehabilitate historic properties in the United States, including adaptive reuse and redevelopment economics. Offered alternate years.

AAAP451. Historic Survey and Inventory Methodology. 3 Credits.
Examines how historic inventories help communities plan for wise use of historic resources. Includes complete reconnaissance and survey documentation for historic properties and development of historic context statement.

AAAP503. Thesis. 1-12 Credits.
Repeatable.

AAAP507. Seminar: [Topic]. 1-5 Credits.
Repeatable.

AAAP508. Workshop: [Topic]. 1-5 Credits.
Repeatable.

AAAP510. Experimental Course: [Topic]. 1-5 Credits.
Repeatable. Current topics are American Building Construction, American Architecture from a Preservation Perspective, Research Methods.

AAAP511. Introduction to Historic Preservation. 3 Credits.
History, evolution, modern concepts, and professional techniques of historic preservation.

AAAP515. Transportation and Preservation. 3 Credits.
Addresses compliance issues with preservation laws relating to transportation development. Includes understanding processes and negotiating needs of the resource with the needs of transportation authorities.

AAAP521. American Architecture from a Preservation Perspective I. 4 Credits.
American built environment from the colonial era to the federal period. Stylistic development and building analysis for preservation; cultural, historical, and physical contexts within building forms.

AAAP522. American Architecture from a Preservation Perspective II. 4 Credits.
American built environment from the federal period to 1893. Stylistic development and building analysis for preservation; cultural, historical, and physical contexts within building forms.

AAAP523. American Architecture from a Preservation Perspective III. 4 Credits.
American built environment from 1893 to the present. Stylistic development and building analysis for preservation; cultural, historical, and physical contexts within building forms.

AAAP531. National Register Nomination. 3 Credits.
Provides information and instruction on all aspects of the National Register program and process. Facilitates completion of registration form. Prereq: AAAP 511.

AAAP535. Historical Archaeology in Preservation. 3 Credits.
Explores the interrelationships between historical archaeology and historic preservation, two fields linked together by common interests in documentation, identification, interpretation, and preservation of heritage resources.

AAAP541. Legal Issues in Historic Preservation. 3 Credits.
Examines constitutional, statutory, and common law affecting historic preservation. Covers First Amendment, eminent domain, due process, police powers, regulatory "takings," and aesthetic zoning.

AAAP545. Preservation Economics. 3 Credits.
Economics of historic preservation and the financial techniques and incentives used to rehabilitate historic properties in the United States, including adaptive reuse and redevelopment economics. Offered alternate years.

AAAP551. Historic Survey and Inventory Methodology. 3 Credits.
Examines how historic inventories help communities plan for wise use of historic resources. Includes complete reconnaissance and survey documentation for historic properties and development of historic context statement.

AAAP601. Research: [Topic]. 1-6 Credits.
Repeatable.

AAAP602. Supervised College Teaching. 1-5 Credits.
Repeatable.

AAAP604. Internship: [Topic]. 1-9 Credits.
Repeatable.

AAAP605. Reading and Conference: [Topic]. 1-6 Credits.
Repeatable.

AAAP606. Special Problems: [Topic]. 1-6 Credits.
Repeatable.

AAAP607. Seminar: [Topic]. 1-5 Credits.
Repeatable.

AAAP608. Workshop: [Topic]. 1-5 Credits.
Repeatable.

AAAP609. Practicum: [Topic]. 1-6 Credits.
Repeatable.

AAAP610. Experimental Course: [Topic]. 1-5 Credits.
Repeatable.

AAAP611. Terminal Project. 1-12 Credits.
Repeatable.

History of Art and Architecture

Charles H. Lachman, Department Head
541-346-3675
251B Lawrence Hall
5229 University of Oregon
Eugene, Oregon 97403-5229

The Department of the History of Art and Architecture offers study in the principal art and architectural traditions of Europe, Asia, the Americas, and the Pacific. Courses are appropriate for students interested in history, art, and the larger cultural context of society. They are also suitable for students intending to concentrate on the practice of art or environmental design. The undergraduate program prepares students for graduate studies in art history; it also leads to opportunities in the business world, art museums, and galleries. The graduate program emphasizes both breadth and depth, and it is characterized by close working relationships between students and faculty.

Preparation

When possible, students expecting to transfer to the art history program from two-year colleges should include in their program the equivalent of the history of Western art surveys—History of Western Art I (ARH204), History of Western Art II (ARH205), History of Western Art III (ARH206)—or the history of Asian art surveys—History of Indian Art (ARH207), History of Chinese Art (ARH208), History of Japanese Art (ARH209), Contemporary Asian Art and Architecture (ARH210)—and two years of a foreign language. They should also complete as many of the university general-education requirements as possible.

Careers

The undergraduate program in art history leads to opportunities in the business world, art museums, and galleries. Students with graduate degrees in art history can pursue opportunities in teaching at all levels. The department provides career advising; information on career, internship, and fellowship opportunities; and current information on graduate programs.

Financial Assistance

The department offers a number of awards and scholarships for undergraduate and graduate students in art history, including:

- Mr. and Mrs. Eric G. Clarke Scholarship in Oriental Art
- Marian C. Donnelly Book Prize

- Ellen Johnston-Laing Award in Chinese and Japanese Art History
- Kari Fund
- Gloria T. Lee Graduate Scholarship in Art History
- Gloria T. Lee Scholarship in Art History
- Ina McClung Art Scholarship Award
- Sponenburgh Endowment for the History of Aesthetics of Sculpture.

Support for travel is available through the Marian C. Donnelly Student Award, the Graduate Travel Award, the Alice Wingwall Award, and Amy and Ross Kari Travel Grant. Students may also seek scholarship aid through the School of Architecture and Allied Arts and the university's financial aid office.

Faculty

Nina Amstutz, assistant professor (18th- and 19th-century art). BA, 2004, MA 2008, PhD, 2013, Toronto. (2014)

Joyce Cheng, associate professor (modern art). BA, 2001, Northwestern; MA, 2003, PhD, 2009, Chicago. (2009)

Keith Eggener, Marion Dean Ross Distinguished Professor in Architectural History (architectural history). BA, 1985, Portland State; MA, 1989, Washington (Seattle); MA, 1993, Stanford; PhD, 1995, Stanford. (2013)

James Harper, associate professor (Renaissance and baroque art). BA, 1987, Trinity; PhD, 1998, Pennsylvania. (2000)

Ocean Howell, assistant professor (history and architectural history). See **Robert Donald Clark Honors College.**

Jeffrey M. Hurwit, Philip H. Knight Professor of Art History and Classics (ancient art, Greek and Roman archaeology). AB, MA, 1971, Brown; MPhil, 1972, PhD, 1975, Yale. (1980)

Maile Hutterer, assistant professor (medieval art and architecture). BA, 2004, California, Santa Barbara; PhD, 2011, New York University. (2014)

Charles H. Lachman, associate professor (Asian art). AB, 1971, Temple; MA, 1974, McMaster; PhD, 1985, Toronto. (1992)

Jenny Lin, assistant professor (contemporary Asian art). BA, 2003, MA, 2007, Brown; PhD, 2012, California, Los Angeles. (2012)

Kate Mondloch, associate professor (contemporary art); associate director, new media and culture certificate. BA, 1994, Georgetown; MA, 2000, PhD, 2005, California, Los Angeles. (2005)

Kristen Seaman, assistant professor. MA, 2009, PhD, 2009, California, Berkeley. (2015)

Richard A. Sundt, associate professor (history of ancient and medieval architecture). BA, 1967, Indiana; MA, 1973, PhD, 1981, Wisconsin, Madison. (1982)

Akiko Walley, Maude I. Kerns Assistant Professor of Asian Art (Japanese art). BA, 1998, MA, 2001, Aoyama Gakuin; AM, 2004, PhD, 2009, Harvard. (2009)

Emeriti

Esther Jacobson-Tepfer, professor emerita. BA, 1962, MA, 1964, PhD, 1970, Chicago. (1966)

Ellen Johnston Laing, professor emerita. BA, 1954, Missouri; MA, 1956, Wisconsin, Madison; PhD, 1967, Michigan. (1979)

A. Dean McKenzie, professor emeritus. BA, 1952, San Jose State; MA, 1955, California, Berkeley; PhD, 1965, New York University. (1966)

Andrew Morrogh, associate professor emeritus. BA, 1966, Jesus College, Oxford; MA, 1973, PhD, 1983, Courtauld Institute, University of London. (1993)

Kathleen D. Nicholson, professor emerita. BA, 1969, Connecticut; MA, 1971, PhD, 1977, Pennsylvania. (1995)

Leland M. Roth, professor emeritus. BArch, 1966, Illinois; MPhil, 1970, PhD, 1973, Yale. (1978)

W. Sherwin Simmons, professor emeritus. BA, 1967, Yale; MA, 1975, PhD, 1979, Johns Hopkins. (1973)

The date in parentheses at the end of each entry is the first year on the University of Oregon faculty.

Participating

Jill Hartz, Jordan Schnitzer Museum of Art

Kenneth I. Helphand, landscape architecture

- **Bachelor of Arts**
- **Western Art Minor**
- **Asian or Other Non-Western Art Minor**
- **Architectural History Minor**

Undergraduate Studies

The major combines the study of art history with liberal and fine arts and leads to the bachelor of arts (BA) degree. The program provides a broad perspective for understanding art, history, and culture as well as a basis for critical judgment of individual works. The department regularly offers courses on art and architecture in the following areas or traditions:

- ancient (Greek and Roman)
- medieval
- Renaissance-baroque
- modern and contemporary
- American
- East Asian (Chinese and Japanese)
- Courses that treat other areas are also taught from time to time; recent offerings have focused on Latin American, Indian, Korean, African, and Islamic traditions

Bachelor of Arts Degree Requirements

Students wanting to major in art history must file an application form with the department, consult with a faculty advisor, and maintain an up-to-date academic record in the department office.

Foreign Language Guidelines

Majors are required to complete the language requirement as described under the university's bachelor of arts requirements (p. 22).

French, German, and Italian are the most commonly used languages in Western art history research; Chinese and Japanese are essential for most areas of East Asian art history. Because these languages are

required for advanced research and graduate study in art history as well as other humanistic disciplines, majors are urged to choose one of them to satisfy the BA requirement. Substitution of other languages may be appropriate to a field of interest. Students are urged to consult with their advisors when selecting a language for study.

General Requirements		
Studio art (e.g., drawing, sculpture, or design)		4
Two years of a second language to satisfy BA degree requirements		27
ARH300	Critical Approaches to Art-Historical Study	4
Eight upper-division courses and electives [1,2,3,4]		32
Option 1: European and American Art History Specialization [1]		16
ARH204–206	History of Western Art I-III	
ARH207	History of Indian Art	
orARH208	History of Chinese Art	
orARH209	History of Japanese Art	
orARH210	Contemporary Asian Art and Architecture	
Option 2: Asian Art History Specialization [1]		16
ARH204	History of Western Art I	
orARH205	History of Western Art II	
orARH206	History of Western Art III	
ARH207	History of Indian Art	
orARH210	Contemporary Asian Art and Architecture	
ARH208	History of Chinese Art	
ARH209	History of Japanese Art	
Option 3: Architectural History Specialization [1]		
ARH314–315	History of Western Architecture I-II	8
Select two of the following:		8
ARH101	Global Masterpieces: Monuments in Context	
ARH204	History of Western Art I	
ARH205	History of Western Art II	
ARH206	History of Western Art III	
ARH207	History of Indian Art	
ARH208	History of Chinese Art	
ARH209	History of Japanese Art	
ARH210	Contemporary Asian Art and Architecture	
ARH358	History of Design	

1 Majors must take art history courses for letter grades and pass them with grades of C– or better.

2 Four of the eight courses must be at the 400 level.

3 For a concentration, students select three areas of interest from the Course Areas list and take two courses from each of those three areas of interest for a total of six courses.

4 *Elective requirement:* two additional upper-division courses (totaling 8 graded credits) in any area or areas.

Course Areas

- ancient (Aegean, Greek, Roman)
- medieval (early Christian, Byzantine, early medieval, Romanesque, Gothic)
- Renaissance and baroque[1]
- modern (18th century through contemporary)[1]
- Asian (Chinese, Japanese, Korean, Indian)

1 History of Western Architecture I (ARH314) and History of Western Architecture II (ARH315) do not count as upper-division credits.

Minor Requirements

Students who want a minor in art history must file an application form with the department, consult with the faculty advisor about their minor option, and maintain an up-to-date academic record in the Department of Art History office. The art history minor is offered in three options.

Western Art Minor

ARH204–206	History of Western Art I-III	12
Four upper-division art history courses selected from the ancient, medieval, Renaissance-baroque, or modern areas [1]		16
Total Credits		**28**

1 History of Western Architecture I (ARH314) and History of Western Architecture II (ARH315) cannot be use as upper-division courses. Upper-division areas of emphasis should consist of a group of related courses selected in consultation with an advisor.

Asian or Other Non-Western Art Minor

ARH207	History of Indian Art	4
ARH208	History of Chinese Art	4
ARH209	History of Japanese Art	4
Four upper-division art history courses selected from the Asian or other non-Western areas [1]		16
Total Credits		**28**

1 Upper-division areas of emphasis should consist of a group of related courses selected in consultation with an advisor.

Architectural History Minor

ARH314–315	History of Western Architecture I-II	8
Select one of the following:		4
ARH204–206	History of Western Art I-III	
ARH207	History of Indian Art	
ARH208	History of Chinese Art	
ARH209	History of Japanese Art	
Four upper-division courses in architectural history [1]		14-16
Total Credits		**26-28**

1 Upper-division areas of emphasis should consist of a group of related courses selected in consultation with an advisor.

Nonmajors, subject to general university requirements, may take any department course either for a letter grade or pass/no pass (P/N).

Honors Program

In the senior year, an art history major may apply to the chair of the undergraduate committee for the department's honors program if he or she has

- completed at least 40 credits in history of art and architecture courses with a 3.75 GPA
- completed Critical Approaches to Art-Historical Study (ARH300) with a grade of A– or better
- completed the last term of the second year of the second-language requirement with a grade of A– or better

The applicant must have a departmental faculty member agree to supervise research on a topic related to the faculty member's interest and to serve as director of the student's honors essay.

The applicant who satisfies all of the above requirements and presents the undergraduate committee chair with a faculty member's written agreement to serve as honors advisor is admitted to the honors program, typically at the beginning of winter term.

The honors candidate typically registers for 3 to 6 credits of Research: [Topic] (ARH401) during winter term of the senior year to undertake research in preparation for writing the honors essay, and 4 credits of Thesis (ARH403) in spring term, when writing the essay.

Students are urged to present a first draft of the essay to the faculty adviser six weeks before the end of the term, and a final draft must be submitted two weeks before the end of the same term.

The honors essay must demonstrate the student's ability to formulate a significant research problem and to handle sources in at least one foreign language, if relevant. The essay should have twenty to twenty-five pages of text, not including notes in text, endnotes, bibliography, and illustrations. A copy of the honors essay is deposited in departmental files. The candidate whose essay is approved by the faculty adviser and who maintains a 3.75 GPA in all history of art and architecture courses required for the major is awarded departmental honors.

- **Master of Arts** (p. 445)
- **Doctor of Philosophy**

Graduate Studies

The Department of the History of Art and Architectureoffers programs leading to the master of arts (MA) and the doctor of philosophy (PhD) degrees in art history with specialization in architectural history and ancient, medieval, Renaissance-baroque, modern, and Asian art. The department offers Oregon’s only graduate degree program in art history. It is tailored to meet the needs and objectives of two kinds of students: those who seek careers in the academic, art-related business, or museum worlds immediately upon completion of the MA degree, and those who want to acquire a solid foundation in the field before pursuing studies leading to a PhD degree.

Applications to the graduate program are considered once a year on January 15 for the following fall term. Applications and supporting documents, including Graduate Record Examinations scores, must be received by January 15.

Master of Arts

Students who have successfully completed undergraduate programs in art history, history, or languages and literature are particularly encouraged to consider graduate studies in art history.

Requirements

Candidates for the MA degree must complete 45 credits in courses approved by the student's advisor, as well as satisfy the general requirements of the Graduate School for residence. Of the 45 credits, a minimum of 36 must be graduate credits in research-based courses, taken for a letter grade.

1. Thesis (ARH503), 9 credits
2. Of the 36 graduate credits required, 16 must be in graduate seminars, including 4 credits in Graduate Studies in Art History (ARH611) and 8 credits in Seminar: [Topic] (ARH607)
3. **Electives.** A minimum of 12 credits of elective courses; a maximum of 8 credits may be taken outside of the department with an advisor's permission
4. **Distribution Requirement.** Students must undertake course work in three of four historic areas: prehistoric-ancient, medieval, early modern, and modern-contemporary. Students may petition to apply a thematic or nonperiod-specific course toward the distribution requirement by demonstrating substantial work in the appropriate area. Students are strongly recommended to pursue both Western and non-Western courses to fulfill their distribution and elective requirements
5. First-year students are required to enroll in the following:
   - Seminar series (three courses, 4 credits each, graded): Graduate Studies in Art History (ARH611) (fall), Seminar: [Topic] (ARH607) (winter), Seminar: [Topic] (ARH607) (spring)
6. **Foreign Language Requirement.** The department recommends that degree candidates demonstrate reading proficiency in at least one foreign language by the end of their first year in the program (typically in French or German, or in Chinese or Japanese where appropriate). The language must be approved by the student's advisor and should be relevant to the student's scholarly interests. The proficiency is demonstrated in one of three ways:
   - Passing the written language examination given by the department
   - Presenting satisfactory passing results (above the 50th percentile) on the standardized, national Graduate School Foreign Language Test (GSFLT) or the equivalent
   - Providing an official transcript that shows a passing grade in third-year language course work

Further details about requirements for the MA degree are available from the department office.

Doctor of Philosophy

Students are not usually admitted to the PhD program unless they have successfully completed a master’s degree in art history or a closely related field. Course work for the degree consists of 48 post-MA credits, selected with the advice and consent of the student’s advisor.

Foreign Language Requirement

Students should acquire a research capability in a second foreign language appropriate to the student’s area of study as soon as possible in their academic program.

Advancement to Candidacy

Students are officially advanced to candidacy in the PhD program upon completion of comprehensive examinations in three areas of art history: two related areas, in one of which the dissertation is written, and a third

unrelated area. These areas are selected from an established list in the department. The comprehensive examinations should be taken before completion of the 48 credits beyond the MA. More information is available from the Department of the History of Art and Architecture.

Courses

ARH101. Global Masterpieces: Monuments in Context. 4 Credits.
Introduction to art and architectural history through examination of thirteen key sites from around the world. Themes include religion, politics, domesticity, and modernity.

ARH199. Special Studies: [Topic}. 1-5 Credits.
Repeatable.

ARH204. History of Western Art I. 4 Credits.
Historical survey of visual arts. Selected works of painting, sculpture, architecture, and other arts studied in relation to the ancient cultures producing them.

ARH205. History of Western Art II. 4 Credits.
Historical survey of visual arts. Selected works of painting, sculpture, architecture, and other arts studied in relation to the medieval to early Renaissance cultures producing them.

ARH206. History of Western Art III. 4 Credits.
Historical survey of visual arts. Selected works of painting, sculpture, architecture, and other arts studied in relation to the Renaissance to modern cultures producing them.

ARH207. History of Indian Art. 4 Credits.
Historical survey of the visual arts of India. Selected works of painting, sculpture, architecture, and other arts studied in relation to the culture in which they were produced.

ARH208. History of Chinese Art. 4 Credits.
Historical survey of the visual arts of China. Selected works of painting, sculpture, architecture, and other arts studied in relation to the culture in which they were produced.

ARH209. History of Japanese Art. 4 Credits.
Historical survey of the visual arts of Japan. Selected works of painting, sculpture, architecture, and other arts studied in relation to the culture in which they were produced.

ARH210. Contemporary Asian Art and Architecture. 4 Credits.
Broad survey of modern and contemporary Asian art, architecture, and film.

ARH300. Critical Approaches to Art-Historical Study. 4 Credits.
Methodologies used to study art history (historic, iconographic, formal). Materials drawn from Asian and Western artistic traditions; bibliography, oral presentations, and papers.
Prereq: junior standing, major status.

ARH314. History of Western Architecture I. 4 Credits.
Survey of architectural developments in the West from prehistory to Gothic.

ARH315. History of Western Architecture II. 4 Credits.
Survey of architectural developments in the West from the Renaissance to the present.

ARH320M. History of Jewish Art. 4 Credits.
Survey of Jewish art from antiquity to the present; concentrates on synagogues, ceremonial art, manuscripts, and modern artists and cities. Multilisted with JDST 320M.

ARH322. Art of Ancient Greece. 4 Credits.
Introduction to major traditions, functions, and styles of Greek art from the Bronze Age through the Archaic to the Classical and Hellenistic periods.

ARH323. Art of Ancient Rome. 4 Credits.
Introduction to major traditions, functions, and styles of the art of ancient Italy and the Roman Empire, from the Etruscans through the Republic to the art of Constantine the Great.

ARH324. Art and Politics in the Ancient World. 4 Credits.
Use of art and architecture by leading figures and states to shape and express the political environment and ideologies of the ancient world. Propagandistic art from Egypt to Rome.

ARH326. The Acropolis of Athens. 4 Credits.
The principal architectural and sculptural monuments of the Athenian Acropolis. Emphasis on works from the Age of Pericles. Selected literary texts read in translation.

ARH331. Cultures of the Medieval West. 4 Credits.
Explores distinct cultural moments during the Middle Ages (c. 650–1200), drawing on its multicultural character¿analyzing its art and its historical, social, religious, racial, and class systems.

ARH341. Italian Renaissance Art. 4 Credits.
Painting and sculpture of the Renaissance and mannerist periods analyzed in terms of style, iconography, theory, patronage, and social context.

ARH342. Southern Baroque Art. 4 Credits.
Italian and Spanish art of the late 16th and the 17th centuries. Focus on Caravaggio, Carracci, Bernini, Velazquez, other leading artists.

ARH344. Northern Baroque Art. 4 Credits.
North Netherlandish, Flemish, and French art of the late 16th and 17th centuries. Changes in patrons, markets, and meaning for art. Rembrandt, Vermeer, Rubens, Poussin, other leading artists.

ARH351. 19th-Century Art. 4 Credits.
Introduction to artistic movements in Europe from 1780 to the 1880s including neoclassicism, romanticism, realism, and impressionism.

ARH353. Modern Art, 1880–1950. 4 Credits.
Modern art from postimpressionism to abstract expressionism in relation to intellectual and historical developments. Series with ARH 354.

ARH354. Art since 1945. 4 Credits.
Modern and postmodern art from abstract expressionism to the present in relation to intellectual and historical developments. Series with ARH 353.

ARH358. History of Design. 4 Credits.
Design from the late 18th century to the present--considered in relation to social, political, and technological developments.

ARH359. History of Photography. 4 Credits.
Photography from the early 19th-century to the present, aesthetics of the medium, its relationship to painting and the graphic arts, and its social role.

ARH387. Chinese Buddhist Art. 4 Credits.
Introduction to selective aspects of the history of Buddhist art in China. Emphasis on sculpture and painting.

ARH397. Japanese Buddhist Art. 4 Credits.
Major types and periods of Buddhist art and architecture in Japan. Includes painting, sculpture, gardens, monastic buildings and plans, ritual implements, and calligraphy. Emphasizes form and function.

ARH399. Special Studies: [Topic]. 1-5 Credits.
Repeatable. Offerings vary from year to year and reflect the interests of faculty members.

ARH401. Research: [Topic]. 1-5 Credits.
Repeatable.

ARH403. Thesis. 1-6 Credits.
Repeatable.
Prereq: ARH 401; major standing.

ARH404. Internship: [Topic]. 1-5 Credits.
Repeatable.

ARH405. Reading and Conference: [Topic]. 1-5 Credits.
Repeatable.

ARH406. Field Studies: [Topic]. 1-5 Credits.
Repeatable.

ARH407. Seminar: [Topic]. 1-5 Credits.
Repeatable.

ARH408. Workshop: [Topic]. 1-5 Credits.
Repeatable.

ARH409. Practicum: [Topic]. 1-9 Credits.
Repeatable.

ARH410. Experimental Course: [Topic]. 1-5 Credits.
Repeatable. Offerings vary from year to year and reflect the interests of faculty members.

ARH424. Classical Greek Art. 4 Credits.
Greek art in the 5th and 4th centuries BC. Emphasizes major artistic programs of Olympia and Athens and classical attitudes toward the representation of the human form.
Prereq: ARH 204 or 322.

ARH428. Roman Architecture. 4 Credits.
Architecture and building technology during the republican and imperial periods.
Prereq: ARH 204 or 314.

ARH453. 20th-Century Problems: [Topic]. 4 Credits.
Changing topics in European art, 1880–1940. Repeatable once when topic changes for maximum of 8 credits.
Prereq: ARH 353 suggested

ARH454. Modern German Art. 4 Credits.
Changing topics in German modernism from the founding of the secession to national socialism. ARH 353 recommended.
Prereq: ARH 352.

ARH455. Contemporary Art. 4 Credits.
Changing topics in art and critical theory in Europe and the United States from 1940 to the present.
Prereq: ARH 354 recommended.

ARH463. Native American Architecture. 4 Credits.
Examination of building traditions among native peoples of North America. Explores cosmological symbolism, building techniques, materials, settlements, and influences of culture and climate.

ARH465. American Architecture II. 4 Credits.
Major developments in American architecture, 1800–1900. Includes the rediscovery of national symbols, the impact of industry, and the national focus on the single-family residence.
Prereq: ARH 206 or 315.

ARH466. American Architecture III. 4 Credits.
Major developments in American architecture, 1885 to the present. Emphasizes academicism, the impact of international modernism, and the rediscovery of eclectic symbolism.
Prereq: ARH 206 or 315.

ARH467. Chicago Architecture. 4 Credits.
The development of architecture in this especially American city, focusing on the invention of the skyscraper and the suburban family home.
Prereq: ARH 313 or 465 or 466.

ARH468. Oregon Architecture. 4 Credits.
Exploration of the development of architecture in the Oregon territory from prehistoric times to the present. Includes settlements, building types, urban planning, and civil engineering.
Prereq: ARH 315 or 465 or 466.

ARH477. History of Landscape Architecture I. 4 Credits.
History of landscape architecture focusing on the garden and public open spaces. Development of the garden from its origins until the 17th century.

ARH478. History of Landscape Architecture II. 4 Credits.
History of landscape architecture focusing on the garden and public open spaces. Landscape design of the 18th and 19th centuries, emphasizing the design of public open spaces and the Anglo-American tradition, American and 20th-century landscape architecture.

ARH488. Japanese Prints. 4 Credits.
The woodblock print in Japan as part of the cultural, social, and political conditions.

ARH503. Thesis. 1-9 Credits.
Repeatable.

ARH507. Seminar: [Topic]. 1-5 Credits.
Repeatable.

ARH508. Workshop: [Topic]. 1-5 Credits.
Repeatable.

ARH510. Experimental Course: [Topic]. 1-5 Credits.
Repeatable. Offerings vary from year to year and reflect the interests of faculty members.

ARH524. Classical Greek Art. 4 Credits.
Greek art in the 5th and 4th centuries BC. Emphasizes major artistic programs of Olympia and Athens and classical attitudes toward the representation of the human form.

ARH528. Roman Architecture. 4 Credits.
Architecture and building technology during the republican and imperial periods.

ARH553. 20th-Century Problems: [Topic]. 4 Credits.
Changing topics in European art, 1880–1940. ARH 353 or 354 recommended. Repeatable once when topic changes for maximum of 8 credits.

ARH554. Modern German Art. 4 Credits.
Changing topics in German modernism from the founding of the secession to national socialism. ARH 353 recommended.

ARH555. Contemporary Art. 4 Credits.
Changing topics in art and critical theory in Europe and the United States from 1940 to the present. ARH 354 recommended.

ARH563. Native American Architecture. 4 Credits.
Examination of building traditions among native peoples of North America. Explores cosmological symbolism, building techniques, materials, settlements, and influences of culture and climate.

ARH565. American Architecture II. 4 Credits.
Major developments in American architecture, 1800–1900. Includes the rediscovery of national symbols, the impact of industry, and the national focus on the single-family residence.

ARH566. American Architecture III. 4 Credits.
Major developments in American architecture, 1885 to the present. Emphasizes academicism, the impact of international modernism, and the rediscovery of eclectic symbolism.

ARH567. Chicago Architecture. 4 Credits.
The development of architecture in this especially American city, focusing on the invention of the skyscraper and the suburban family home.
Prereq: ARH 465/565, 466/566.

ARH568. Oregon Architecture. 4 Credits.
Exploration of the development of architecture in the Oregon territory from prehistoric times to the present. Includes settlements, building types, urban planning, and civil engineering.
Prereq: ARH 465/565 or 466/566.

ARH577. History of Landscape Architecture I. 4 Credits.
History of landscape architecture focusing on the garden and public open spaces. Development of the garden from its origins until the 17th century.

ARH578. History of Landscape Architecture II. 4 Credits.
History of landscape architecture focusing on the garden and public open spaces. Landscape design of the 18th and 19th centuries, emphasizing the design of public open spaces and the Anglo-American tradition, American and 20th-century landscape architecture.

ARH588. Japanese Prints. 4 Credits.
The woodblock print in Japan as part of the cultural, social, and political conditions.

ARH601. Research: [Topic]. 1-5 Credits.
Repeatable.

ARH603. Dissertation. 1-9 Credits.
Repeatable.

ARH604. Internship: [Topic]. 1-9 Credits.
Repeatable.

ARH605. Reading and Conference: [Topic]. 1-5 Credits.
Repeatable.

ARH606. Field Studies: [Topic]. 1-5 Credits.
Repeatable.

ARH607. Seminar: [Topic]. 1-5 Credits.
Repeatable. Departmental offerings vary from year to year and reflect the specialized interests of faculty members.

ARH608. Workshop: [Topic]. 1-5 Credits.
Repeatable.

ARH609. Practicum: [Topic]. 1-9 Credits.
Repeatable.

ARH610. Experimental Course: [Topic]. 1-5 Credits.
Repeatable.

ARH611. Graduate Studies in Art History. 4 Credits.
Introduction to bibliographic resources research methodology, and critical issues in art history.
Prereq: major standing.

Interior Architecture

Alison B. Snyder, Program Director
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210 Lawrence Hall
1206 University of Oregon
Eugene, Oregon 97403-1206

Situated within the Department of Architecture, the Interior Architecture Program provides a comprehensive interior-design curriculum. By integrating subject-area course work with studio design exploration, the Interior Architecture Program prepares students to act as independent problem solvers and valuable design-team members.

Shared course work with architecture in the early stages of the undergraduate or graduate curricula provides an interdisciplinary context for study and learning, leading to advanced courses and studies that explore theory, technology, and practice.

Central to the program is the studio, where students gain experience with the design of interior spaces and elements, and focus on the issues and conditions related to adapting existing sites and buildings. Topical intermediate studios concentrate on specific design issues, human factors, and building types. Specialized intermediate studios focus on the programming, design, and fabrication of furniture, and on construction documents that illustrate a small design project. A final intermediate comprehensive project caps the design studio experience.

Preparation

High school and college students interested in interior architecture should prepare themselves by taking courses in the following subjects:

1. Fine arts
2. Social sciences
3. Sciences
4. Humanities

Students are encouraged to travel in order to broaden their experiences related to environmental design.

Summer Architecture Academy

The Department of Architecture's Summer Architecture Academy offers prospective undergraduate and graduate students a chance to experience architecture, landscape architecture, and interior architecture study in an intensive four-week residential program on the UO campus in Eugene. Workshops, lectures, demonstrations, and field trips complement daily studio work.Information about the Summer Architecture Academy (http://architecture.uoregon.edu/summeracademy) may be obtained on the Department of Architecture website.

Design Camp

The School of Architecture and Allied Arts offers a summer career exploration program for college-bound students at the school's facilities in the White Stag Block in downtown Portland. Students explore architecture, product design, and the digital arts in the city and in the studio. Information about Design Camp (https://aaa.uoregon.edu/portland/design-camp-2014) may be obtained on the website or by calling the School of Architecture and Allied Arts in Portland.

Careers

Most students prepare for entering professional practice with architecture and interior design firms. Other opportunities exist in related areas such as lighting design, furniture design, facilities and space planning, sales or product marketing, branding and environmental design, exhibition design, and other activities related to the designed environment.

Accreditation

Undergraduate and graduate professional-degree curricula in interior architecture are accredited by the Council for Interior Design Accreditation (CIDA).At the University of Oregon, the bachelor of interior architecture and the master of interior architecture degree programs are accredited by CIDA. The postprofessional master of science in interior architecture (MS) program is not accredited. Admission to the MS program is restricted to applicants who already hold a CIDA-accredited degree or the international equivalent. The Interior Architecture Program is also accredited by the National Association of Schools of Art and Design (NASAD).

Internship, Certification, and Licensure

State laws governing interior design registration and licensure vary widely. In those states that have adopted legislation, a professional degree from a CIDA-accredited program is the preferred prerequisite. Candidates must pass an examination established by the National Council of Interior Design Qualification (NCIDQ)to become licensed as interior designers in those states with licensing or certification. Rules vary from state to state but typically two years of professional experience are required prior to taking the exam. Students should visit the websites of the CIDA, NASAD, or NCIDQ for further information about accreditation and licensure.

The Interior Architecture Curriculum

The professional curriculum in interior architecture has two principal objectives:

1. Broad inquiry into the integrative nature of environmental design
2. A comprehensive professional education that develops the ability to design interior environments ranging from intimate personal spaces to large-scale facilities in a variety of site contexts

Curriculum requirements are published in the *UO Catalog* and in the department's *Advising Handbook*, which includes sample course sequences, grading policies, an explanation of how student progress is monitored through the program, and other advising information. Each student is assigned a faculty advisor and encouraged to consult that advisor for specific information. In addition, a departmental advisor is available for degree checks and other academic advising.

Professional Curriculum

The professional curriculum for the bachelor of interior architecture program and the master of interior architecture program include required architectural design studios, architectural subject area courses, and professional electives.

Architectural and Interior Design Studios

The architectural and interior design studios are social and interactive environments where students work cooperatively with their peers under the guidance of faculty members with frequent input from practicing interior designers, architects, and related-field experts as well as representatives of communities served by the studio's design explorations. Students learn to respond to complex environmental and cultural contexts through design studio projects that explore interior space within a variety of site contexts. Introductory studios emphasize creativity, design communication skills, and critical thinking fundamental to the design process; intermediate studios emphasize integration of interior architecture subjects with critical design issues; advanced studios emphasize the comprehensive integration of these elements. Student performance in all design studios is graded on a pass/no pass basis and evaluated through written evaluations and exit interviews with faculty members.

Interior Architecture Subjects

Subject area course work develops theory, knowledge, and skills in interior architecture and related design disciplines, with an emphasis on learning interior architecture content in the context of design. This course work develops design skills and examines the influences of place, human activity, spatial order, structure, construction, environmental control, professional practice, and history on the practice of interior design.

Residence Requirements

For transfer students to earn the bachelor of interior architecture (BIArch) or professional master of interior architecture (MIArch) degree, the following minimum course work must be successfully completed in residence:

IARC 488/588	Interior Design Comprehensive Project I	8
IARC 489/589	Interior Design Comprehensive Project II	8
Interior architecture design courses		12
Interior architecture courses		30
Upper-division, writing-intensive general electives [1]		12
Total Credits		**70**

[1] Courses that delve into the literature of academic subjects outside the subject areas of architecture (ARCH) and interior architecture (IARC).

Leave of Absence

See policy statement in the **Architecture** section of this catalog.

Computer Literacy Requirement

Introductory architecture courses presume a knowledge of computer operations, general-use software, and Internet communications. Students lacking preparation may draw on resources at A&AA Technology Services, the University Teaching and Learning Center, the Library and Learning Commons, or Information Technology services. By the end of their first year in the bachelor's or master's program, students are expected to have achieved basic literacy in computer graphics as an integrated tool for architectural design—diagramming, two-dimensional drawing, image processing, three-dimensional modeling, accurate sun casting, parametric modeling, and presentation methods. Students must have an awareness of building information modeling, digital fabrication, building performance analysis software, and geographic information systems.

Students are required to have a high-speed laptop computer and a specified complement of software. Each year the department reviews its software and hardware recommendations. Minimum hardware specifications and software requirements are posted on the department website.

Off-Campus Study

Students may participate in off-campus and international study programs hosted by the Department of Architecture, the Historic Preservation Program, the Department of Landscape Architecture, and the Office of

International Affairs. See the **Architecture** section of this catalog for more information.

Faculty

Kyuho Ahn, assistant professor. See **Architecture**.

Virginia Cartwright, associateprofessor. See**Architecture**.

Erin Cunningham, assistant professor. See**Architecture**.

Esther Hagenlocher, associateprofessor. See**Architecture**.

Alison B. Snyder,associateprofessor.See**Architecture**.

Linda K. Zimmer,associateprofessor.See**Architecture**.

- **Bachelor of Interior Architecture** (p. 450)
- **Minor in Interior Architecture**

Undergraduate Studies

The undergraduate programs in interior architecture consist of the bachelor of interior architecture (BIArch) degree and a minor in interior architecture. The curriculum of the five-year professional BIArch degree program is highly structured the first two years and more flexible the last three. This flexibility allows each student to establish a study sequence according to individual interests and needs. Transfer students should be aware that an accelerated program is normally possible only for students who transfer from an accredited interior architecture or interior design program.

Prospective applicants who have a four-year undergraduate degree in any field must apply to the graduate program (see Graduate Admission).

Major Requirements: 225 credits

The bachelor's degree program includes requirements for a liberal education. This includes the following university general-education group requirements for professional school majors, totaling a minimum of 44 credits:

Select one of the following:		8
WR121 &WR122	College Composition I and College Composition II	
WR121 &WR123	College Composition I and College Composition III	
Select three Arts and Letters courses (ARH314 or ARH315) (p. 43)		12
Select three Social Science courses (p. 46)		12
Select 3 Science courses (PHYS201 and PHYS202) (p. 49)		12
Select 2 Multicultural requirements from different categories, if not met in other courses (p. 50)		8
Total Credits		**44**
Electives [1]		25
Upper-division writing-intensive electives [2]		12

1 Electives enable students to study general subjects beyond university group requirements and continue liberal studies beyond introductory courses.

2 These courses delve into the literature of academic subjects outside the subject areas of architecture and interior architecture (courses with subject codes or ARCH or IARC). The upper-division electives may not be courses in performance, service, weekend seminar, human development, or leisure studies.

Professional BIArch Requirements: 156 credits

Introductory Design Studios		
ARCH283–284	Architectural Design I-II	12
ARCH383	Architectural Design III	6
Intermediate Design Studios		
IARC484	Interior Design [1,2]	6
IARC486	Furniture Design	6
IARC487	Working Drawings	6
Advanced Design Studios		
IARC488–489	Interior Design Comprehensive Project I-II	16
Interior Architecture Design Skills		
IARC204	Understanding Contemporary Interiors	4
ARCH202	Design Skills	3
ARCH222	Introduction to Architectural Computer Graphics	4
ARCH423	Media for Design Development: [Topic]	3
Architectural Design Theory and Practice		
ARCH440	Human Context of Design	4
ARCH450	Spatial Composition	4
ARCH470	Building Construction	4
ARCH492	Environmental Control Systems II	4
ARCH417	Context of the Architectural Profession	4
IARC445	Comprehensive Project Preparation	3
IARC447	Color Theory and Application for the Built Environment	3
IARC471	Interior Construction Elements	3
IARC472	Interior Finishes and Design Application	3
IARC473	Working Drawings in Interior Architecture	4
IARC444	Furniture: Theory and Analysis	3
IARC492	Electric Lighting	3
History of Art, Architecture, and Interior Design		
IARC474	History of Interior Architecture I	3
IARC475	History of Interior Architecture II	3
IARC476	History of Interior Architecture III	3
Approved 400/500- or 600-level courses in architectural history		8
Interior Architecture Electives		
400/500- or 600-level ARCH or IARC courses		6
Approved 400/500- or 600-level courses in allied fields		7
Total Credits		**156**

1 Repeatable studio.

2 Site Planning and Design (LA489)/Site Planning and Design (LA589) or Architectural Design (ARCH484)/Architectural Design (ARCH584) may be substituted.

BIArch Sample Plan of Study

First Year

Fall		**Credits**
IARC204	Understanding Contemporary Interiors	4
Architectural history elective		4
WR121	College Composition I	4
Social science course		4
Winter		
ARCH283	Architectural Design I	6
ARCH202	Design Skills	3
WR122 or 123	College Composition II	4
Science course		4
Spring		
ARCH284	Architectural Design II	6
ARCH222	Introduction to Architectural Computer Graphics	4
Architectural history elective		4
Second Year		
Fall		
ARCH383	Architectural Design III	6
ARCH450	Spatial Composition	4
ARCH470	Building Construction	4
Winter		
IARC484	Interior Design	6
ARCH440	Human Context of Design	4
IARC471	Interior Construction Elements	3
Arts and letters course		4
Spring		
IARC472	Interior Finishes and Design Application	3
IARC447	Color Theory and Application for the Built Environment	3
ARCH492	Environmental Control Systems II	4
Social science course		4
Summer		
Optional studio in Eugene, Portland, or abroad		
Third Year		
Fall		
IARC484	Interior Design	6
IARC444	Furniture: Theory and Analysis	3
IARC474	History of Interior Architecture I	3
Science course		4
Winter		
ARCH423	Media for Design Development: [Topic]	3
IARC475	History of Interior Architecture II	3
Subject area elective [1]		4
Science course		4
Spring		
IARC484	Interior Design	6
IARC476	History of Interior Architecture III	3
Social science course		4
Upper-division general-education elective		4
Summer		
Optional studio in Eugene, Portland, or abroad		
Fourth Year		
Fall		
IARC484	Interior Design	6
IARC492	Electric Lighting	3
Upper-division general-education elective		4
Winter		
IARC486	Furniture Design	6
ARCH417	Context of the Architectural Profession	4
Subject area elective		3
Multicultural requirement		
Spring		
IARC487	Working Drawings	6
IARC473	Working Drawings in Interior Architecture	4
Subject area elective		4
Upper-division general-education elective		3
Summer		
Optional studio in Eugene, Portland, or abroad		
Fifth Year		
Fall		
IARC445	Comprehensive Project Preparation	3
Subject area elective		3
Arts and letters course		4
Upper-division general-education elective		3
Winter		
IARC488	Interior Design Comprehensive Project I	8
Arts and letters course		4
Multicultural requirement		4
Spring		
IARC489	Interior Design Comprehensive Project II	8

Upper-division general-education elective		4
	Total Credits:	**223**

1 General-education and subject area electives can be taken any term and in any order.

Minor Requirements: 29 credits

Course Requirements		
ARCH201	Introduction to Architecture	4
IARC484	Interior Design [1]	6
Electives [2]		16-22
IARC407	Seminar: [Topic]	
IARC444	Furniture: Theory and Analysis	
IARC447	Color Theory and Application for the Built Environment	
IARC471	Interior Construction Elements [1]	
IARC472	Interior Finishes and Design Application [1]	
IARC473	Working Drawings in Interior Architecture [1]	
IARC474	History of Interior Architecture I	
IARC475	History of Interior Architecture II	
IARC476	History of Interior Architecture III	
IARC492	Electric Lighting [1]	
ARCH440	Human Context of Design	
Total Credits		**29**

1 Course may not be taken by students outside of the Department of Architecture, with the exception of landscape architecture students.

2 For students majoring in the Department of Architecture, 16 elective credits are required; for all others, 22 are required.

Undergraduates who are enrolled in any major can apply to the minor. Completed applications including supporting academic records and a curriculum worksheet are submitted to the Department of Architecture office. Applicants are notified when their applications have been approved. Because the department's first obligation is to its majors, it cannot guarantee availability of courses for minors. Minors may register if space is available after the needs of majors have been met. Enrollment in the minor program is limited. If the department is unable to accommodate additional minor students, it may suspend admittance to the minor program until space becomes available.

Undergraduate Admission

Interest in the program exceeds the capacity of the department. Prospective students should review application requirements posted online during the fall, well before application deadlines (see Application Deadlines in the **Admissions** section of this catalog). January 15 is the deadline for completion of both the department and university applications. Applications are reviewed and accepted only once each year. Admission notices are mailed by April 1.

Admission to the BIArch major is through a selective review that focuses on three attributes: creative potential, academic capability, and potential for contribution to the program through diversity of background, experience, maturity, or demonstrated motivation. Students are expected to submit specific materials supporting each of these attributes (academic records, essays, recommendations, and a portfolio of creative work). Applicants need not have prior course work in interior design, but they are encouraged to seek a broad foundation in the visual arts (e.g., drawing, painting, sculpture, graphic design, photography, mixed media). Experience with crafts and construction may also demonstrate evidence of creative potential.

Accepted applicants must be academically secure. To be considered, first-year applicants must submit SAT scores and should have grades and scores that meet the following criteria:

1. High school grade point average (GPA)—3.25
2. Verbal–Critical Reading SAT I—550
3. Mathematics SAT I—550
4. Writing SAT I—550
5. Total of all SAT I sections—1650

Test of English as a Foreign Language (TOEFL) or International English Language Testing System (IELTS) scores are required for students whose first language is not English. For the TOEFL's paper-based test, a minimum total score of 575 must be achieved; for the Internet-based test, a minimum total score of 88 must be achieved. For the IELTS, a minimum overall score of 7.0 must be achieved.

Transfer applicants (those with at least 30 college credits) must have a minimum college or university GPA of 3.00 and meet the foreign language criteria listed above for first-year applicants.

Prospective applicants to the BIArch degree program or the minor in interior architecture may find information about the program and application requirements on the Department of Architecture website.

- **Master of Interior Architecture** (p. 452)
- **Master of Science in Interior Architecture** (p. 454)

Graduate Studies

There are two graduate degree programs in interior architecture: the professional master of interior architecture (MIArch) degree and the postprofessional master of science in interior architecture (MS) degree. Graduate certificate programs in the school include ecological design (p. 415), museum studies (p. 467), Oregon leadership in sustainability (p. 467), and technical teaching in architecture (p. 415).

Students interested in pursuing a concurrent master's degree in architecture and interior architecture may find information about the combined program requirements and application procedures on the Department of Architecture website and the department advising handbook.

Professional Master of Interior Architecture Degree Requirements

The professional, CIDA-accredited master of interior architecture (MIArch) degree program prepares students for careers in interior design practice and careers in allied professions that contribute to shaping the built environment.

The Department of Architecture offers two tracks of study. Track I typically takes ten terms to complete. Track II is a six-term advanced placement program.

Track I

Students enrolled in the MIArch Track I program must complete the following:

Interior Architecture Design Studios		
ARCH680	Introductory Graduate Design	6
ARCH681	Introductory Graduate Design	6
IARC584	Interior Design	6
IARC586	Furniture Design	6
IARC587	Working Drawings	6
IARC588–589	Interior Design Comprehensive Project I-II	16
Media and Process Skills		
ARCH611	Graduate Design Process	3
ARCH610	Experimental Course: [Topic]	4
Intermediate Media		
ARCH523	Media for Design Development: [Topic]	3
Design Arts		
IARC545	Comprehensive Project Preparation	3
IARC547	Color Theory and Application for the Built Environment	3
ARCH540	Human Context of Design	4
ARCH550	Spatial Composition	4
Furniture		
IARC544	Furniture: Theory and Analysis	3
Design Technology		
ARCH570	Building Construction	4
IARC571	Interior Construction Elements	3
ARCH592	Environmental Control Systems II	4
IARC572	Interior Finishes and Design Application	3
IARC592	Electric Lighting	3
IARC573	Working Drawings in Interior Architecture	4
Professional Practice		
ARCH517	Context of the Architectural Profession	4
Architectural History (5 courses minimum)		
ARCH610	Experimental Course: [Topic]	4
IARC574	History of Interior Architecture I	3
IARC575	History of Interior Architecture II	3
IARC576	History of Interior Architecture III	3
Subject Area Electives		12
Seminar		6
Total Credits		**147**

Of the required 147 credits, 15 must be applied to advanced study in a focus area. This work may include an independent research project.

Track I students typically complete all or most of the MIArch degree requirements at the University of Oregon, and begin the program the summer before their first full academic year of study. Students with bachelor's degrees (BA, BS) other than a preprofessional degree in interior design, interior architecture, or architecture must apply to the Track I program.

MIArch Track I Sample Plan of Study

Summer		**Credits**
ARCH611	Graduate Design Process	3
ARCH610	Experimental Course: [Topic]	3
ARCH680	Introductory Graduate Design	6
First Year		
Fall		
ARCH610	Experimental Course: [Topic] [1]	2
ARCH681	Introductory Graduate Design	6
ARCH570	Building Construction	4
ARCH550	Spatial Composition	4
Winter		
Subject Area Elective [2]		3
IARC571	Interior Construction Elements	3
IARC584	Interior Design	6
ARCH540	Human Context of Design	4
Spring		
IARC547	Color Theory and Application for the Built Environment	3
ARCH592	Environmental Control Systems II	4
IARC572	Interior Finishes and Design Application	3
IARC584	Interior Design	6
Summer		
Optional studio in Eugene, Portland, or abroad		
Second Year		
Fall		
IARC584	Interior Design	6
IARC574	History of Interior Architecture I	3
Subject area elective [2]		3
IARC544	Furniture: Theory and Analysis	3
Winter		
Subject area elective [2]		3
IARC586	Furniture Design	6
IARC592	Electric Lighting	3
ARCH517	Context of the Architectural Profession	4
Spring		
IARC576	History of Interior Architecture III	3
IARC573	Working Drawings in Interior Architecture	4
IARC587	Working Drawings	6
ARCH523	Media for Design Development: [Topic]	3
Summer		
Optional studio in Eugene, Portland, or abroad		
Third Year		
Fall		
Architectural history elective		3
IARC545	Comprehensive Project Preparation	3
IARC584	Interior Design	6
Winter		
IARC588	Interior Design Comprehensive Project I	8
IARC575	History of Interior Architecture II	3
Seminar [2]		3

Spring		
IARC589	Interior Design Comprehensive Project II	8
Seminar [2]		3
Subject area elective [2]		3
	Total Credits:	**147**

1. Experimental Course: [Topic] (ARCH610) may be waived for students with appropriate background in design computing.
2. Subject area electives and seminars can be taken any term and in any order. One 3-credit (minimum) subject area elective must be an approved design arts course (not technology or media).

Track II

Interior architecture design studios	40
Professional subject-area courses	47
Total Credits	**87**

Applicants who have a four-year preprofessional degree in an environmental design discipline (interior architecture, interior design, or architecture) and an equivalent amount of professional studio and course work may be considered for Track II. Students admitted into Track II begin their studies fall term. Track II students must fulfill the same professional curriculum requirements as those in the Track I program, but are admitted with advanced standing in studio and subject-area courses. Transfer credit may be given to students who have had academic experience in an interior architecture or design program accredited by the Council for Interior Design Accreditation, or an architecture program accredited by theNational Architectural Accrediting Board (NAAB). The extent of this advanced standing is determined in consultation with the department academic advisor before beginning the program, and the student's advanced standing is reevaluated at intervals. This preliminary evaluation of transfer credit is provisional, pending satisfactory completion of three terms in residence.

Track II students may receive credit for up to four previously taken design studios and up to 50credits of subject-area courses. Students usually complete a minimum of six terms and the approximately 87 credits in residence.

Of the credits satisfied in residence, 15 must be applied to advanced study in a focus area. This work may include an independent research project.

Postprofessional Master of Science Degree Requirements

The postprofessional program provides an opportunity for advanced study and contribution to knowledge in the field through the thesis. It leads to the master of science in interior architecture (MS) as a postprofessional degree and applicants must have, or expect to complete, a professional degree in interior architecture, interior design, or architecture to be eligible for the MS program. Students must complete a minimum of four terms in residence and are required to complete 9 credits in Thesis (IARC503) or Terminal Project (IARC611). The program does not have a graded-credit requirement, although students who enroll for graded credits must maintain a 3.00 minimum GPA

Students enrolled in the master of science degree program must take a minimum of 45 graduate credits, of which 30 must be in interior architecture and 9 must be at the 600 level.

Students are expected to develop an individual research topic in one or more of the following areas of faculty research:

- Adaptive reuse and interior environments: contexts, aesthetics, functions
- Craft and fabrication: green materials, finishes, furnishings, and products
- Behavioral factors: cultural, social, and economic sustainability
- Building occupant and community member perception, performance, and health
- Design modeling, processes, simulation, and communication
- Design history and theory
- Preservation and adaptive reuse: sustainability issues

The MS curriculum focuses on individual research that draws from professional and general university courses and consultation with the student's advisor and thesis committee. For more information about the thesis, see the **Graduate School** section of this catalog.

Graduate Admission

Admission to the professional MIArch and postprofessional MS graduate degree programs is through a selective review that focuses on three attributes: creative capability, academic capability, and potential contribution to the program through diversity of background, experience, or demonstrated motivation. Applications include a résumé, a biographical statement, a statement of interest in the field of interior architecture, a portfolio of creative work, three letters of recommendation, and official transcripts from all postsecondary educational institutions attended. Applicants must take the Graduate Record Examinations (GRE) so that the scores, a required component of the application, can be reported by the application deadline. Applicants whose first language is not English must also submit scores from the Test of English as a Foreign Language (TOEFL) of at least 575 (paper-based) or 90 (Internet-based). Applications must be postmarked by the first Monday after January 1 for applicants to be considered for admission the subsequent fall term (or summer session for MIArch students). Notifications of results are mailed by April 1.

Prospective applicants to the MIArch and MS degree programs may find information about the application requirements at the Department of Architecture website.

Prospective applicants to graduate certificate programs should contact the office of the academic unit that administers the certificate program to get information about application requirements.

Graduate Teaching and Research Fellowships

A number of graduate teaching or research fellowships (GTFs) are available to well-qualified graduate students. MS or MIArch Track II applicants with previous education in interior architecture or an allied field are encouraged to apply for GTF positions. MIArch Track I students are generally selected in the second or third year of their degree program. Information about the GTF application process is available on the Department of Architecture and Graduate School websites.

Courses

IARC199. Special Studies: [Topic]. 1-5 Credits.
Repeatable.

IARC204. Understanding Contemporary Interiors. 4 Credits.
Introduction to the theory of interior architecture. Design criteria explored through illustrated lectures and projects involving analysis of space.

IARC383. Interior Design Studio. 6 Credits.
Studio projects for second-year undergraduates. Integration of issues of activity support and spatial order, Emphasis on schematic concept formation and interior design development.
Prereq: ARCH 284.

IARC401. Research: [Topic]. 1-6 Credits.
Repeatable.

IARC405. Reading and Conference: [Topic]. 1-6 Credits.
Repeatable.

IARC406. Special Problems: [Topic]. 1-6 Credits.
Repeatable.

IARC407. Seminar: [Topic]. 1-6 Credits.
Repeatable.

IARC408. Workshop: [Topic]. 1-6 Credits.
Repeatable.

IARC409. Practicum: [Topic]. 1-6 Credits.
Repeatable.

IARC410. Experimental Course: [Topic]. 1-6 Credits.
Repeatable.

IARC444. Furniture: Theory and Analysis. 3 Credits.
Analysis of furniture and cabinetry from a theoretical and practical standpoint. Emphasis on use within architectural space as well as free standing elements. Introduction to structure, construction, and construction installation drawings.
PD 323 or ARCH 484 or IARC 484 or interior architecture minor status.

IARC445. Comprehensive Project Preparation. 3 Credits.
Formulation of individual design projects for IARC 488/588, 489/589. Development of project issues and documentation of context, site, and building information; includes research, case studies, and programming.
Prereq: IARC 473, 484.

IARC447. Color Theory and Application for the Built Environment. 3 Credits.
Use of color in the built environment including principal color systems, methods of color harmony, effects of visual phenomena, and various psychological, cultural, and historic implications.
Prereq: PD 340 or ARCH 484 or IARC 484 or interior architecture minor status.

IARC471. Interior Construction Elements. 3 Credits.
The properties and detailing of materials used in interior design construction. Code issues that affect interior construction field trips to supply sources and projects.
ARCH 470.

IARC472. Interior Finishes and Design Application. 3 Credits.
The properties, manufacture, application, and code issues, and ecological considerations of interior finish materials. Field trips to supply sources.
ARCH 470

IARC473. Working Drawings in Interior Architecture. 4 Credits.
Preparation of working drawings for a small, sustainable interior architecture design project.
Prereq: ARCH 462, 484 or IARC 471, 472, 484

IARC474. History of Interior Architecture I. 3 Credits.
Interior architecture as artistic expression. Includes the study of furnishings, textiles, and other interior traditions.

IARC475. History of Interior Architecture II. 3 Credits.
Interior architecture as artistic expression. Includes the study of furnishings, textiles, and other interior traditions.

IARC476. History of Interior Architecture III. 3 Credits.
Interior architecture as artistic expression. Includes the study of furnishings, textiles, and other interior traditions.

IARC484. Interior Design. 6 Credits.
Repeatable. A series of creative projects in interior design; intensive analysis of design; methods of problem solving; individual criticism, review of design projects; group discussion and field trips.
Prereq: ARCH 383 or IARC 383.

IARC486. Furniture Design. 6 Credits.
Projects in design and construction of custom furniture, preparation of detailed shop drawings, shop procedure.
Prereq: IARC 444; IARC 484 or ARCH 484.

IARC487. Working Drawings. 6 Credits.
Focuses on the design of a small, sustainable interior architecture design project and the production of a set of working drawings.
Prereq: ARCH 462, 484 or IARC 471, 472, 484; coreq: IARC 473.

IARC488. Interior Design Comprehensive Project I. 8 Credits.
Student-initiated studies in interior design for the terminal project. Emphasis on comprehensive and integrative study.
Prereq: IARC 445.

IARC489. Interior Design Comprehensive Project II. 8 Credits.
Student-initiated studies in interior design for the terminal project. Emphasis on comprehensive and integrative study.
Prereq: IARC 488

IARC492. Electric Lighting. 3 Credits.
Principles of lighting with focus on integration of electric illumination and space. Design for lighting, calculations, and available systems and sources tested through models and drawings.
Prereq: ARCH 484/584 or IARC 484/584; ARCH 492/592.

IARC503. Thesis. 1-6 Credits.
Repeatable.

IARC507. Seminar: [Topic]. 1-6 Credits.
Repeatable.

IARC508. Workshop: [Topic]. 1-6 Credits.
Repeatable.

IARC510. Experimental Course: [Topic]. 1-6 Credits.
Repeatable.

IARC544. Furniture: Theory and Analysis. 3 Credits.
Analysis of furniture and cabinetry from a theoretical and practical standpoint. Emphasis on use within architectural space as well as free standing elements. Introduction to structure, construction, and construction installation drawings.
IARC 484 or ARCH 584

IARC545. Comprehensive Project Preparation. 3 Credits.
Formulation of individual design projects for IARC 488/588, 489/589. Development of project issues and documentation of context, site, and building information; includes research, case studies, and programming.
Prereq: IARC 573, 584.

IARC547. Color Theory and Application for the Built Environment. 3 Credits.
Use of color in the built environment including principal color systems, methods of color harmony, effects of visual phenomena, and various psychological, cultural, and historic implications.
Prereq: ARCH 584 or IARC 584.

IARC571. Interior Construction Elements. 3 Credits.
The properties and detailing of materials used in interior design construction. Code issues that affect interior construction field trips to supply sources and projects.
Prereq: ARCH 570

IARC572. Interior Finishes and Design Application. 3 Credits.
The properties, manufacture, application, and code issues, and ecological considerations of interior finish materials. Field trips to supply sources.
ARCH 570

IARC573. Working Drawings in Interior Architecture. 4 Credits.
Preparation of working drawings for a small, sustainable interior architecture design project.
Prereq: ARCH 562, 584 or IARC 571, 572, 584.

IARC574. History of Interior Architecture I. 3 Credits.
Interior architecture as artistic expression. Includes the study of furnishings, textiles, and other interior traditions.

IARC575. History of Interior Architecture II. 3 Credits.
Interior architecture as artistic expression. Includes the study of furnishings, textiles, and other interior traditions.

IARC576. History of Interior Architecture III. 3 Credits.
Interior architecture as artistic expression. Includes the study of furnishings, textiles, and other interior traditions.

IARC584. Interior Design. 6 Credits.
Repeatable. A series of creative projects in interior design; intensive analysis of design; methods of problem solving; individual criticism, review of design projects; group discussion and field trips.
Prereq: ARCH 681.

IARC586. Furniture Design. 6 Credits.
Projects in design and construction of custom furniture, preparation of detailed shop drawings, shop procedure.
Prereq: IARC 444/544; ARCH 484/584 or IARC 484/584.

IARC587. Working Drawings. 6 Credits.
Focuses on the design of a small, sustainable interior architecture design project and the production of a set of working drawings.
Prereq: ARCH 562, 584 or IARC 571, 572, 584; coreq: IARC 573.

IARC588. Interior Design Comprehensive Project I. 8 Credits.
Student-initiated studies in interior design for the terminal project. Emphasis on comprehensive and integrative study.
Prereq: 36 credits in IARC design studios.

IARC589. Interior Design Comprehensive Project II. 8 Credits.
Student-initiated studies in interior design for the terminal project. Emphasis on comprehensive and integrative study.
Prereq: IARC 588.

IARC592. Electric Lighting. 3 Credits.
Principles of lighting with focus on integration of electric illumination and space. Design for lighting, calculations, and available systems and sources tested through models and drawings.
Prereq: ARCH 484/584 or IARC 484/584; ARCH 492/592.

IARC600M. Temporary Multilisted Course. 1-5 Credits.
Repeatable.

IARC601. Research: [Topic]. 1-6 Credits.
Repeatable.

IARC605. Reading and Conference: [Topic]. 1-6 Credits.
Repeatable.

IARC606. Special Problems: [Topic]. 1-6 Credits.
Repeatable.

IARC607. Seminar: [Topic]. 1-6 Credits.
Repeatable.

IARC608. Workshop: [Topic]. 1-6 Credits.
Repeatable.

IARC609. Practicum: [Topic]. 1-6 Credits.
Repeatable.

IARC610. Experimental Course: [Topic]. 1-6 Credits.
Repeatable.

IARC611. Terminal Project. 1-9 Credits.
Repeatable.

Landscape Architecture

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Landscape architecture is an environmental planning and design profession of broad scope concerned with the creation, protection, restoration, and management of landscapes. Landscape architecture is founded on an awareness of our deep connections to the natural world and how people and their work are part of the web of life. The profession is also very attentive to how places serve human needs and enable the sustainable social and economic life of cities and other landscapes. A healthy society rests on a commitment to sound landscape design, planning, and conservation that respects the land, its processes, its integrity—and that of human-ecological processes, helping to fulfill human potential.

Both a science and an art, landscape architecture involves creative decision-making based on scientific knowledge of natural processes coupled with awareness of historical, cultural, and social dynamics. The profession also makes intensive use of technologies for landscape construction and environmental management—digital graphics, geographic information systems, and computer-aided design. These are applied to making richly supportive places for people and ecosystems that are beautiful and healthy, responding to human needs and local natural and social systems.

The Department of Landscape Architecture is built on the 19th-century legacy that landscape architecture is a design and planning profession with responsibilities to ourselves, society, the past, and the future. The program combines professional understanding and skills with a liberal-arts education.

As a profession, landscape architecture includes design at many scales, ecologically based planning activities, analysis of environmental impacts, and detailed development of land and sites. As an academic discipline, it provides an opportunity for personal development through environmental problem-solving, graphic and oral communication, and project-oriented study.

As a profession, landscape architecture includes design and planning at many scales, including ecologically based decision-making, analysis of environmental impacts, urban design, ecological restoration, service to disadvantaged communities, detailed development of land and sites, and many other problems. As an academic discipline, it provides an opportunity for personal development through environmental problem-solving, graphic and oral communication, and project-oriented study in which small groups of students work with instructors to address contemporary problems within a defined area.

Computers in the Curriculum

Digital tools have become prevalent in the profession of landscape architecture. Although campus computer laboratories and facilities are available to students, they are heavily used, and access is limited. The Department of Landscape Architecture requires its students to purchase or have unlimited access to a personal computer with a powerful capacity to work with very large graphic files. Refer to the websites for the department and the School for Architecture and Allied Arts (p. 402) for details.

Faculty

Elisabeth Chan, associate professor (design representation, design theory). BA, 1993, Hampshire; MLA, 2000, Cornell. (2001)

Arica Duhrkoop-Galas, instructor (plants, planting design, landscape construction). BA, 1998, Portland State; CE, 1999, Cambridge; MLA, 2005, Oregon. (2010)

Mark Eischeid, assistant professor (landscape history, design theory, landscape systems). BS, 1994, Stanford; MLA, 2000, California, Berkeley; MFA, 2010, Edinburgh. (2014)

Christianne Enright, instructor (landscape planning, landscape analysis, geographic information systems). BA, 1984, California, Santa Barbara; BLA, 2003, MLA 2006, PhD, 2013, Oregon. (2013)

Anne Godfrey, instructor (landscape media and arts, design process and theory). BA, 1997, Carleton College; BLA, 2002, MLA, 2004, Oregon. (2008)

Kenneth I. Helphand, professor (landscape history, literature, and theory). BA, 1968, Brandeis; MLA, 1972, Harvard; Fellow, American Society of Landscape Architects. (1974)

David Hulse, Philip H. Knight Professor of Landscape Architecture (alternative futures analysis, river restoration and management, landscape ecology). BSLA, 1981, Colorado State; MLA, 1984, Harvard. (1985)

Bart Johnson, professor (ecological restoration and design, land planning, complexity modeling). BS, 1987, Cornell; MLA, 1992, PhD, 1995, Georgia. (1995)

Harper Keeler, instructor (civic agriculture, landscape biodynamics, urban farm director). BLA, 1995; MLA 2011, Oregon. (2010)

Ronald J. Lovinger, professor (planting design theory, landscape transformations, landscape as art form). BFA, 1961, Illinois; MLA, 1963, Pennsylvania; reg. landscape architect, Oregon, Pennsylvania. (1965)

Dennis “Whitey” Lueck, instructor (horticulture, field studies, landscape biodynamics). BS, 1974, Pennsylvania State; MS, MA, 1980, Oregon State. (2005)

Robert Z. Melnick, professor (landscape preservation, research methods, historic and cultural landscape analysis). BA, 1970, Bard; MLA, 1975, State University of New York, College of Environmental Science and Forestry; Fellow, American Society of Landscape Architects. (1982)

Robert G. Ribe, professor (landscape planning and analysis, visual resource management, landscape economics). BS, 1977, California, Riverside; MS, 1981, MA, 1987, PhD, 1990, Wisconsin. (1988)

Deni Ruggeri, associate professor (urban design, transportation design, land planning). MLA, 2001, Politecnico di Milano; PhD, 2009, California, Berkeley. (2010)

Brad Stangeland, instructor (landscape construction, computer-aided design, professional practice). BLA, 1983, Oregon; reg. landscape architect, Oregon. (2003)

Roxi Thoren, associate professor (urban design, landscape history, microclimate analysis). BA, 1996, Wellesley; MArch, 2001, MLA, 2002, Virginia. (2004)

Emeriti

Jerome Diethelm, professor emeritus. BArch, 1962, Washington (Seattle); MLA, 1964, Harvard; reg. architect and landscape architect, Oregon. (1970)

The date in parentheses at the end of each entry is the first year on the University of Oregon faculty.

- **Bachelor of Landscape Architecture**
- **Minor**

Undergraduate Studies

The curriculum in landscape architecture leads to a professional degree of bachelor of landscape architecture (BLA). The five-year program, accredited by the Landscape Architecture Accreditation Board, combines general preparation in the arts and sciences with a focus on environmental-design studies. The program's goal is to produce a visually literate, technically skilled, ecologically knowledgeable, and environmentally responsible designer, planner, and graphic artist capable of playing a central, professional role in the evolving landscape.

In recognition of the integrated and comprehensive nature of environmental planning and design, BLA students are encouraged to pursue opportunities to collaborate on planning and design problems with students in architecture, art, community planning, and other disciplines.

Curriculum Options

The curriculum is a well-defined sequential path toward the degree. Electives vary according to the interests, goals, and experience of each student and are chosen with the help of faculty advisors. Departmental electives reflect the need to provide a variety of environmental subjects and to introduce the rapidly expanding number of career areas in the profession. Program objectives provide a solid base of essential skills,

tools, and knowledge in landscape design and planning. Program flexibility allows each student to emphasize such topics as ecological restoration and design, sustainable cities and land systems, landscape aesthetics, natural resource analysis and planning, land conservation and development, urban design, restoration of waterways, renewal of agricultural lands, private and public agency professional practice, environmental impact assessment, landscape history and preservation, and environmental design research methods.

The undergraduate program balances exposure to the many facets of landscape architecture with the expectation that growth and specialization will occur at the graduate level and in professional apprentice and internship programs.

Curriculum Structure

The undergraduate curriculum consists of the following interrelated areas:

- Planning and design
- Subjects
- Electives

Planning and Design

Studio courses focus on the development and communication of solutions to site and other environmental problems through specific physical-design proposals. This area addresses the physical-spatial implications of planning and management policies, client needs, and programs. Tutorial studio work is the integrative heart of the curriculum.

Studio courses focus on the development and communication of solutions to site, neighborhood, city, transportation, watershed, and regional environmental and social problems. Students work closely with an instructor to analyzeand create specific landscape design and planning proposals. This area addresses the physical-spatial implications of planning and management policies, client needs, and programs. Tutorial studio work is the integrative heart of the curriculum.

Subjects

Six subject areas are essential foundations for the planning and design program: landscape architecture technologies and professional practice, plant materials, landscape analysis and planning, the history and theory of landscape architecture, urban design, and landscape architectural media. Required course work in history, theory, media, and technologies includes alternative choices to allow each student to tailor an individualized educational program with the help of an advisor.

Electives

This area, which includes general university requirements, provides for personal choice in selecting additional course work in in landscape architecture, architecture, art, planning, and more generally in arts and letters, social science, and science.

Preparation

Students planning to major in landscape architecture should prepare by beginning studies in the following areas:

Environmental Awareness

Courses in ecology, biology, botany, geology, environmental science, and geography help begin the process of understanding the complex interrelationships and interdependencies of people and the environment.

Human Behavior

Courses in art history, anthropology, sociology, history, government, psychology, political science, cultural geography, and related subjects help explain human needs, values, attitudes, and activities and are useful in preparing for the design of physical places.

Visual Language Skills

Courses in drawing, painting, photography, film, design, art history, and related subjects help develop perceptual skills, cultural understanding, and the ability to explore and communicate ideas graphically.

Full-time students planning to transfer into the department are urged to take 12 credits of lower-division landscape architecture courses as freshmen, much like the courses listed below as required of freshmen already admitted to the major. If a transfer student is admitted to the major, he or she may expect to transfer without loss of time or credit into the second year of the BLA program, whether or not they have already taken any landscape architecture courses.

Students interested in the BLA program should apply to the university by January 1 and to the department by January 15. Applicants wishing to gain priority should apply to the BLA by November 1. Another round of admissions occurs on a space-available basis with an application deadline of March 1. Include with the online application the following:

1. Letter of intent describing pertinent background information, interests, goals, and aspirations
2. Portfolio of creative work
3. Three letters of recommendation from people able to assess the applicant's academic and creative abilities and potential contributions
4. Transcripts of previous college work
5. A recent writing sample, preferably from an academic or employment setting

Inquire at the Department of Landscape Architecture, its website, or at the university's Office of Admissions for more detailed information.

Bachelor of Landscape Architecture Requirements

Requirements for the BLA degree (including university requirements) total 220credits. Required courses separate from university requirements are distributed as follows:

Planning and Design

First Year		Credits
No studio courses are required of first-year students in the major		
Second Year		
LA289	Landscape Architectural Design [1,2]	12
Third Year		
LA439	Landscape Architectural Design and Process [1,2]	12
Fourth Year		
LA489	Site Planning and Design [1]	12
Select one of the following: [3]		6-7
PPPM419	Community Planning Workshop	1-5
ARCH484	Architectural Design	6

LA489	Site Planning and Design	6
LA408	Workshop: [Topic] (Design) [4]	1-21
LA409	Practicum: [Topic]	1-21
Fifth Year		
LA490	Comprehensive Project Preparation	3
LA494	Land Planning and Design	6
LA499	Comprehensive Project	8
	Total Credits:	**59-60**

1 Two studios.

2 Transfer students typically enter the program in the second year.

3 An approved studio in another UO summer program may be substituted.

4 Summer only.

Subject Courses and Other Electives

Courses Required of First-Year Students Admitted to Major [1]		
Select three of the following:		12
ARCH201	Introduction to Architecture	
LA227	Introduction to Landscape Architecture	
LA260	Understanding Landscapes	
LA333	Photography and Environmental Values	
LA337	Landscape Field Work: [Topic]	
LA375	Contemporary American Landscape	
LA390	Urban Farm	
Landscape Architectural Technology and Practice		12
LA362	Landscape Technologies I	
LA366	Landscape Technologies II	
LA417	Computer-Aided Landscape Design	
Professional practice course		
Plants in the Landscape and Ecosystems		12
LA326	Plants: Fall	
LA327	Plants: Winter	
An approved basic ecology class, if not taken as a freshman:		
BI130	Introduction to Ecology	
ENVS202	Introduction to Environmental Studies: Natural Sciences	
BI307	Forest Biology	
GEOG323	Biogeography	
Landscape Analysis and Planning		12
LA413	Analyzing Landscape Systems	
LA440	Introduction to Landscape Planning Analysis	
LA441	Principles of Applied Ecology	
History and Theory of Landscape Architecture		16
LA260	Understanding Landscapes	
ARH477–478	History of Landscape Architecture I-II	
An approved landscape theory course:		
LA333	Photography and Environmental Values	
LA375	Contemporary American Landscape	
ARCH407	Seminar: [Topic]	
LA407	Seminar: [Topic] (Landscape Design Theory)	
LA443	Land and Landscape	
ARCH450	Spatial Composition	
LA484	Landscape Perception	
Landscape Architectural Media		6
LA350	Landscape Media	
LA352	Digital Landscape Media	
Media and Landscape Technology Workshops		6
ARCH408	Workshop: [Topic] (Architecture Media)	
LA408	Workshop: [Topic] (Advanced Computer-Aided Landscape Design)	
LA408	Workshop: [Topic] (Drawing)	
ARCH410	Experimental Course: [Topic] (Oregon BILDS [Building Integrated Livable Designs Sustainably])	
LA415	Computers in Landscape Architecture	
ARCH423	Media for Design Development: [Topic]	
ARCH424	Advanced Design-Development Media: [Topic]	
LA450	Advanced Landscape Media	
LA459	Landscape Technology Topics	
Other Electives [2]		32-44
HIST273	Introduction to American Environmental History	
SOC304	Community, Environment, and Society	
GEOL308	Geology of Oregon and the Pacific Northwest	
GEOL310	Earth Resources and the Environment	
GEOG322	Geomorphology	
LA328	Plants: Spring	
PPPM331	Environmental Management	
PPPM340	Climate-Change Policy	
GEOG343	Society, Culture, and Place	
ENVS345	Environmental Ethics	
GEOG360	Watershed Science and Policy	
LA410	Experimental Course: [Topic] (Civic Agriculture)	
ARCH430	Architectural Contexts: Place and Culture	
ARCH431	Community Design	
LA433	Japanese Garden	
ARCH435	Principles of Urban Design	
ARCH436	Theory of Urban Design I	
PPPM440	Land-Use Policy	
PPPM442	Sustainable Urban Development	
PPPM445	Green Cities	
LA448	Urban Landscape: [Topic]	
ARH463	Native American Architecture	
LA465	Landscape Ecology	
GEOG471	North American Historical Landscapes	
GEOG465	Environment and Development	
Total Credits		**108-120**

1 First-year students are encouraged to take a basic ecology course.

2 Electives totaling 44 credits for students who transferred into the major; 32 credits for students admitted to the major in their first year. These elective courses may include any extra courses taken from any of the lists found under first-year courses, history and theory of landscape architecture, or media and landscape technology workshops.

Minor in Landscape Architecture

The department offers a minor in landscape architecture subject to the following:

1. Students must complete and submit to the department the application to the minor program. Applicants are notified when their applications have been approved. The application includes a curriculum work sheet with the requirements in effect at the date of acceptance
2. Enrollment in the minor program may be limited if the department's courses are overenrolled. If the department is unable to accommodate additional students, it may suspend admission to the program until space becomes available
3. Courses required for the minor are open to other university students with instructor's consent. Minor candidates may be given preference on course waiting lists over nondepartmental students. Students in the minor should inform instructors when asking permission to enroll

Minor Requirements (26 credits)

LA260	Understanding Landscapes	4
Choose one from the following: [1]		4
LA337	Landscape Field Work: [Topic]	
LA413	Analyzing Landscape Systems	
Plants course chosen from the subject area (see Subject Areas table)		4
Landscape design arts course chosen from the subject area (see Subject Areas table)		4
Optional courses in landscape architecture from Subject Areas table		10
Total Credits		**26**

1 Once one of these courses is completed, the other course may be taken to fulfill another requirement if it appears in the corresponding lists for that requirement. The same applies for repeating the same course if the topic changes.

2 Students may take any combination of courses in the Subject Areas table. Only one term of Urban Farm (LA390) or one design studio may be applied to the minor.

Subject Areas

Plants, Applied Ecology, and Landscape Analysis		
LA326	Plants: Fall	4
LA327	Plants: Winter	4
LA328	Plants: Spring	4
LA337	Landscape Field Work: [Topic]	1-4
LA390	Urban Farm	2-4
LA410	Experimental Course: [Topic] (Civic Agriculture)	1-5
LA413	Analyzing Landscape Systems	4
LA440	Introduction to Landscape Planning Analysis	4
LA441	Principles of Applied Ecology	2-6
LA465	Landscape Ecology	4
Landscape Design Arts, History, and Theory		
LA227	Introduction to Landscape Architecture	2
LA289	Landscape Architectural Design (if space is available)	6
LA333	Photography and Environmental Values	4
LA375	Contemporary American Landscape	4
LA408	Workshop: [Topic]	1-21
LA433	Japanese Garden	4
LA443	Land and Landscape	4
LA448	Urban Landscape: [Topic]	1-4
ARH477–478	History of Landscape Architecture I-II	8
LA484	Landscape Perception	4
Landscape Technologies		
LA459	Landscape Technology Topics	2-4

Check with the department for information about new subject-area courses in the curriculum. Seminars and workshops may often be applied to the minor.

- **Master of Landscape Architecture** (p. 460) **(first professional master's)**
- **Master of Landscape Architecture** (p. 462) **(postprofessional master's)**
- **Doctor of Philosophy**

Graduate Studies

The department offers master- and doctoral-level programs in the field of landscape architecture. At the master's level, the department makes a distinction between first professional master's students and postprofessional master's students. First professional master's students hold an undergraduate degree other than an accredited bachelor of landscape architecture (BLA, BALA, or BSLA) and are working toward the master of landscape architecture (MLA). Postprofessional master's students hold an accredited bachelor of landscape architecture and are working toward the completion of the advanced postprofessional MLA degree. Students with an accredited bachelor or architecture (BArch) or other accredited professional environmental design degree often earn a postprofessional MLA with some additional requirements, or they may opt to earn a first professional MLA degree with waivers of some course requirements, decided on a case-by-case basis.

Students may enroll in joint MLA degree programs with the master of architecture (MArch) and master of community and regional planning (MCRP) programs with integrated and coordinated degree requirements. Arrangements may be made through academic advisors in the two departments.

First Professional Master's Program

Although requirements and time to degree may vary with each student, the following options represent typical situations:

Students with a Bachelor of Science in Landscape Architecture

Students entering with a four-year or nonaccredited degree in landscape architecture spend two to three years completing the first professional MLA. The first year focuses on course work required for the degree. The second year focuses on completing electives related to the master's project and the project or thesis itself.

Students with Other Degrees

Students who have no background in landscape design and planning can expect to spend a minimum of ten terms earning an accredited, first professional MLA.

The department recognizes that first professional master's candidates have extremely varied backgrounds and may have special requirements. Based on undergraduate courses, background in design-related disciplines, and work experience, these students may be exempt from a limited number of requirements. Students who want to replace or waive requirements must show equivalent competency in those areas, typically through course work or professional experience.

Program Components of the First Professional MLA

Planning and Design (42 credits)

This program allocates significant faculty resources to project-oriented instruction and has a long history of success at design studio education. Regular faculty members offer or consult in studios and participate in the midterms and weeklong end-of-term reviews of student work. Studio projects typically increase in scale and complexity over the course of the degree program. Students must take seven studios in this subject area.

Subject Courses

Technology and Practice (12 credits). Covers computer-aided design, professional practice, site engineering, landscape materials and detailing, irrigation, and other topically oriented technologies courses. The sequence has strong ties to a required technical studio and design-build courses offered by the architecture department.

Plants (8 credits). The sequence of fall and winter plants courses emphasizes knowledge of native plants, ecological planting design, local plant communities, and horticultural plant materials. The sequence integrates plant identification with introductory and advanced planting design. Students may choose electives from this area, including courses on Japanese gardens, planting design, spring plants, or subjects related to the department's urban farm.

Landscape Analysis and Planning (16 credits). Landscape planning courses cover history, theories, and methods related to basic landscape analysis, geodesign, ecological planning, regional planning, ecological restoration, alternative futures, Oregon's land-use planning system, critical issues related to land conservation and development, and introductory and advanced landscape ecology. The department offers courses in geographic information systems that teach the industry standard, ArcGIS. Students may choose electives from this area for an area of concentration.

History and Theory (16 credits). Courses include the history of landscape architecture, design theory, urban design, landscape perception, and landscape preservation. Students may choose electives from this area for an area of concentration.

Landscape Architectural Media (12 credits). Courses cover the use of computer graphics software, computer aided design software, hand drawing, computer three-dimensional modeling software, and other techniques for representing, manipulating, and communicating landscape designs and plans.

Area of Concentration (16 credits). Students take four courses from any department at the university, selected with their advisors, to develop specialized knowledge and skills typically related to the topic of their master's project or thesis.

Research and Master's Project (22 credits)

Students take two courses in research methods and project development and one mentored research development course. A faculty member serves as a project chair. The MLA project is completed during the third year for first professional master's candidates in a two-term master's clinic studio. This independent project of high academic standard presents original work that contributes to the body of knowledge in landscape architecture and/or demonstrates an advanced capacity to solve design and planning problems through critical inquiry and strong problem-solving analysis. The topic may be selected from a range of theoretical to practical design issues. Projects must include a written component, which sets out the problem, goals and objectives, methodology, findings, and conclusions of the project. Students must complete Landscape Research Methods I (LA620), Landscape Research Methods II (LA621), and Research Proposal Development (LA695), and at least 12 credits of Master's Project (LA699) or Thesis (LA503).

First Professional Master's Curriculum

Planning and Design		
LA508	Workshop: [Topic]	6
LA539	Landscape Architectural Design and Process [1]	12
LA589	Site Planning and Design [1]	18
LA594	Land Planning and Design [1]	6
Subject Courses		
Technology and Practice		
LA362	Landscape Technologies I	4
LA366	Landscape Technologies II	4
LA517	Computer-Aided Landscape Design	2
Professional practice course		2
Plants		
LA326	Plants: Fall	4
LA327	Plants: Winter	4
Landscape Analysis and Planning		
LA513	Analyzing Landscape Systems	4
LA515	Computers in Landscape Architecture	4
LA540	Introduction to Landscape Planning Analysis	4
LA541	Principles of Applied Ecology	4
History and Theory		
ARH477–478	History of Landscape Architecture I-II	8
LA607	Seminar: [Topic] (Landscape Architecture Literature)	2
LA608	Workshop: [Topic] (Understanding Landscapes)	2

An approved landscape theory course chosen from the following:		4
LA617	Introduction to Landscape Architecture Theory	
ARCH507	Seminar: [Topic]	
ARCH550	Spatial Composition	
Landscape Architectural Media		
LA350	Landscape Media	2
LA352	Digital Landscape Media	2
Workshops in media and landscape technology chosen from the following:		8
ARCH508	Workshop: [Topic] (Architectural Media)	
LA508	Workshop: [Topic] (Advanced Computer-Aided Landscape Design; Drawing)	
ARCH523	Media for Design Development: [Topic]	
ARCH524	Advanced Design-Development Media: [Topic]	
LA550	Advanced Landscape Media	
LA559	Landscape Technology Topics	
Research and Master's Project		
LA601	Research: [Topic]	2
LA620–621	Landscape Research Methods I-II	4
LA699	Master's Project	16
orLA503	Thesis	
Area of Concentration Electives		
Four courses approved by advisor		16
Total Credits		**144**

Postprofessional Master's Program

The two-year graduate program leading to the master of landscape architecture (MLA) degree is intended for students prepared to do advanced work in the field. Students entering the postprofessional MLA program must have a professionally accredited bachelor's degree in landscape architecture or architecture.

Students with professional landscape architecture degrees typically spend two years in residence satisfying course requirements. Students with professional architecture degrees may spend an additional term, decided on a case-by-case basis.

The postprofessional MLA program seeks to prepare the student for advanced understanding, competence, and responsibility in promoting harmonious human-land relationships through private or public practice or teaching at the university level. Many graduate students have the opportunity to learn and practice teaching skills as paid teaching assistants and graduate teaching fellows in the department. Some graduates are offered faculty positions throughout the world. The program takes advantage of regional and university resources through landscape projects, internships, and visiting professionals, while it provides a beneficial base of support and ideas in the department. The department recognizes the importance of building a community for graduate education characterized by serious and rigorous inquiry, self-direction, and opportunities to work closely with teachers and peers in an active design and planning enterprise.

A central aspect of the postprofessional MLA program is the student's concentration on studies and original work in one of five areas of landscape architecture: design theory, landscape ecology, landscape history, urban design, and landscape planning. These areas are broad enough to include many particular research problems for master's projects and professional practice. While these concentration areas are naturally related, each involves a different set of skills and understanding developed through departmental courses and focused elective course work outside the department. The five concentration areas are those in which faculty members, due to their academic training and professional and research experience, are best equipped for collaboration with graduate students.

Concentration Areas

Design Theory

The transformation and enhancement of outdoor environments to more beautiful, expressive, and supportive places involves developing creative artistry, applying an understanding of places and their evolutionary possibilities, and thinking clearly with sensitivity to peoples' needs and values. This concentration is intensive in design criticism and in theories of design process, ideas, and content.

Landscape Ecology

This rapidly evolving discipline focuses on how landscape pattern, process, and change interact to create land mosaics that maintain the rich diversity of life and the foundations for human well-being. Understanding key links between spatial and temporal patterns and flows of organisms, materials, energy, and information at a variety of scales is the basis for maintaining or restoring landscapes that embody ecological integrity and cultural vitality.

Landscape History

This dimension of landscape architecture seeks to understand every landscape as a unique place in time and content. It combines an understanding of how landscapes have evolved as cultural and vernacular environments as well as how they have evolved as deliberate expressions of social norms and cultural aesthetics through history and among cultures. These understandings are applied to theories of design and planning as well as to the preservation of culturally rich landscapes.

Landscape Planning

Analyzing large landscapes and directing their management and land-use patterns to meet social and environmental ends requires an understanding of land tenure, use traditions and institutions, and knowledge of the science and values inherent in regional natural resources and human activities. For this analysis, computer geographic information systems are used to synthesize information and generate landscape plans. Examples include river management, wetlands preservation, public forest plans, urban growth management, scenic resource management, and regional ecological enhancement.

Urban Design

Many projects undertaken by the profession entail study of the form and function of cities at many scales to design and integrate systems of transportation, recreation, infrastructure, nature conservation, and buildings. These projects often involve articulation of multiple goals for city evolution and sustainability, data analysis and conceptual mapping of city forms and districts, intensive public-participation processes, and the design of solutions on a variety of scales, from whole city regions to parks and plazas.

Postprofessional Master's Curriculum

Planning and Design		
LA594	Land Planning and Design	6
Landscape Analysis and Planning		
Choose one of the following, or a course approved by advisor: [1]		4
LA513	Analyzing Landscape Systems	
LA515	Computers in Landscape Architecture	
LA540	Introduction to Landscape Planning Analysis	
LA541	Principles of Applied Ecology	
History, Literature, and Theory		
Choose one of the following, or a course approved by advisor: [1]		4
ARCH530	Architectural Contexts: Place and Culture	
ARCH540	Human Context of Design	
ARCH550	Spatial Composition	
LA584	Landscape Perception	
LA607	Seminar: [Topic] (Theory)	
LA617	Introduction to Landscape Architecture Theory	
Concentration Area		
Advisor-approved courses in one area of concentration from list above		20
Research Methods and Master's Project [1,2]		
LA601	Research: [Topic]	2
LA620–621	Landscape Research Methods I-II	4
LA699	Master's Project [3]	16
orLA503	Thesis	
Total Credits		**56**

1. Courses used to satisfy Analysis, Research, and Theory requirements above may not be used to satisfy Concentration Area requirements.
2. Before enrolling in Master's Project (LA699), the student must obtain department approval of a project proposal and recruit a chair from among landscape architecture faculty members. Near the completion of the project, the student presents the results of the project to faculty members and students and gains final approval of the project's documentation from the faculty committee.
3. Completed during the second year.

Admission

Online applications to the first professional or postprofessional master's programs should contain the following:

1. Completed application form and fee
2. Three letters of recommendation from people able to assess the applicant's strengths and potential contributions
3. Personal statement describing pertinent background information, interests, goals, and aspirations
4. Portfolio of creative work or other work indicative of relevant abilities
5. Writing sample such as a research paper or a technical report
6. Transcripts of previous college work

The deadline is January 15. Late applications may be considered. Applications from all disciplines are welcome. Students whose first language is not English must submit Test of English as a Foreign Language (TOEFL) scores of at least 577 on the paper-based test, 233 on the computer-based test, or 90 on the Internet-based test. General university regulations governing graduate admission are in the **Graduate School** section of this catalog.

Doctor of Philosophy Degree

The doctoral program in landscape architecture offers advanced study with a focus on ecological landscape planning and design, which encompasses a range of spatial scales and cultural contexts. An ecological approach focuses on how landscape pattern, process, and change interact to create land mosaics that maintain the diversity of life and the foundations for human well-being. The doctoral program is designed to engage these issues through spirited analysis, critique, and prescription of landscapes in Oregon, the United States, and the world.

Because the profession is broad and diverse, the landscape architecture PhD pursues robust development of academic, analytical, creative, and integrative capabilities that can continue to grow throughout subsequent careers. Accordingly, the program emphasizes the following:

- Advanced expertise and understanding in a focused topic
- The ability to form integrative conceptual models of landscape issues, problems, and solutions
- The ability to critically analyze deficiencies in knowledge about the field and identify needs for new, original knowledge
- The ability to form and investigate operationally bounded questions
- The ability to independently design and execute a complete, intensive research project
- The ability to completely document a research project with high-quality writing and illustrations

The integrative nature of landscape design as a science and an art entails development of innovative models and methods for design, education, and research. The program offers students the opportunity to develop skills as innovative educators by working with faculty members as teaching assistants, and to teach courses under faculty guidance. The close and supportive relationships among scholarship, teaching, professional growth, and artistic achievement foster excellence in design education, research, and practice. Scholars follow many routes, and the program provides substantial flexibility to tailor students' programs to individual needs.

Course of Study

Completion of the program requires demonstrated excellence through original contributions to the field. Indicators of a doctoral student's achievements are successful completion of the oral and written comprehensive exams and successful completion and defense of a dissertation that substantially advances knowledge in a chosen area of expertise.

Through a series of four required courses in landscape architecture literature, theory, and research, PhD students learn how to conduct both qualitative and quantitative studies of landscapes and the processes that shape them. After completing these core courses, advanced studies in methodology, tailored to suit career intentions, are required. Advanced methodological preparation in quantitative research occurs through statistical and spatial analysis as well as case-study analysis, design

criticism, content analysis, historical interpretation, and environment-behavior observation.

The program prepares students to understand and apply appropriate methods of inquiry, and to deepen their understanding of the nature and role of rigorous scholarly inquiry in landscape architecture. Course requirements are designed to provide both depth and breadth of knowledge in landscape architecture, and to draw on the frameworks and methodologies of related disciplines that support the student's dissertation research.

Length of Program and Steps to Completion

A PhD in landscape architecture requires a minimum of three years of full-time graduate work, including one year of residency. Depending on background and research goals, students can expect to complete the degree in three to six years, with a norm of four to five years.

The student's program of study depends substantially on his or her prior degrees.

Degree Held	Credits to Expect to Complete for PhD
MLA or MArch	68
BLA or BArch only	80
Master's degree without professional environmental-design degree	86

Classes for the doctoral degree include design-studio experience and subject-area courses to provide a foundation in landscape architecture sufficient to support a student's goals, research, and advanced course work.

At the completion of course work, normally the end of the second year, each student submits a written comprehensive exam, followed by an oral comprehensive exam. The examination committee will consist of three faculty members, two from landscape architecture and one from an outside department or program, who will prepare and administer the written and oral comprehensive exams. Once students have passed both comprehensive exams, they will be advanced to candidacy. Each student must submit the dissertation proposal within three terms of the exams. A student then forms a dissertation committee consisting of four members, with a minimum of two from landscape architecture and at least one from another field related to the student's area of research. The dissertation committee must approve the student's written dissertation proposal following a scheduled, public proposal presentation before the student undertakes the dissertation.

Some credit requirements may be waived or satisfied through transfer credits which must not have previously been applied to any graduate or undergraduate degree. No more than 15 credits may be transferred. Successful completion of the doctoral program is a matter of proven excellence through substantial, original contributions to the field and not the accumulation of a specific number of credits.

Requirements

A student's program of study is developed with the major professor and a second doctoral advisor.

PhD Required Courses, Work

Theory, Research, Investigation [1]		
LA620–621	Landscape Research Methods I-II	8
LA695	Research Proposal Development	2
LA601	Research: [Topic]	6
Doctoral colloquium		2
Outside analytic-synthetic courses [2]		4-12
Electives [3]		
Advanced Electives: 500-level and above landscape architecture courses in design theory, history, criticism, preservation, planning, and ecology [4]		12
Supporting Courses: courses typically taken outside of landscape architecture [4]		12
Dissertation		
Dissertation course		18
Total Credits		**68**

1. A student entering with a master's degree but without a professional environmental-design degree should expect to take a minimum of 18 additional credits in landscape architecture.
2. A student may be required to take more than 4 credits in analytic-synthetic courses in other departments.
3. A student entering the program with a BLA or BArch but no master's degree takes an additional 12 credits of electives.
4. Selected in consultation with major professor

Admission

Students must either have previously completed a professional degree in landscape architecture or architecture (e.g., BLA, MLA, BArch, MArch) or hold a master's degree (e.g., MA, MS) from a related field, and show clear evidence of academic experience and goals aligned with landscape architecture. A commitment to research along with a demonstrated record of research achievement are important criteria. Applications to the program must include the following items:

1. A personal statement assessing the applicant's background, strengths, interests, and aspirations in the field of landscape architecture. This should include why one wishes to come to the University of Oregon for doctoral work, and a description of a proposed area of concentration, course of study, and a prospective major professor
2. A portfolio of creative and scholarly work including at least one writing example showing evidence of critical thinking in a research context
3. Three letters of recommendation, including two from academic sources
4. Official transcripts from all universities or colleges attended
5. Graduate Record Examination (GRE) scores
6. Test of English as a Foreign Language (TOEFL) scores (575 paper or 233 computer, minimum) for all nonnative speakers

Applications mailed to the department office for entry fall term are due in early February. General university regulations governing graduate admission are in the **Graduate School** section of this catalog.

Courses

LA196. Field Studies: [Topic]. 1-5 Credits.
Repeatable twice for a maximum of 6 credits.

LA199. Special Studies: [Topic]. 1-5 Credits.
Repeatable.

LA227. Introduction to Landscape Architecture. 2 Credits.
Exploring the background and scope of the profession: its history, ethics, goals, skills, topics, achievements, and evolving challenges in making healthy, functional, and beautiful places.

LA260. Understanding Landscapes. 4 Credits.
Perception, description, and explanation of landscapes as environmental sets, as biophysical processes, and as cultural values.

LA289. Landscape Architectural Design. 6 Credits.
Study of places, their use, and how they evolve. Fundamentals of environmental awareness, social factors, and small-scale site design; abstract design and elementary graphic techniques. Repeatable.

LA326. Plants: Fall. 4 Credits.
Characteristics, identification, and design uses of deciduous trees, shrubs, vines, and ground covers. Emphasis on identification and appropriate use in landscape design.

LA327. Plants: Winter. 4 Credits.
Characteristics, identification, and design uses of ornamental conifers and broad-leaved evergreen trees, shrubs, and ground covers.
Prereq: LA 326.

LA328. Plants: Spring. 4 Credits.
Characteristics, identification, and design uses of flowering trees, shrubs, vines, and ground covers; emphasis on synthesis of fall, winter, and spring.
Prereq: LA 327.

LA333. Photography and Environmental Values. 4 Credits.
Explores major movements in landscape photography through the lens of cultural perceptions and policies about landscape and environment.

LA337. Landscape Field Work: [Topic]. 1-4 Credits.
Repeatable. Direct examination and appraisal of the function, form, content, and composition of example landscapes in relation to ecological, cultural, legal, technical, aesthetic, and economic objectives.

LA350. Landscape Media. 2-4 Credits.
Development of freehand drawing and visualization skills; exercises on line, tone, texture, and color for plan, section, and perspective drawings. Repeatable.

LA352. Digital Landscape Media. 2-4 Credits.
Introductory survey and skill development in a range of basic computer graphic tools used in landscape architecture. Includes image processing, computer drawing, modeling, and drafting. Repeatable once for maximum of 8 credits.
Prereq: LA 350.

LA362. Landscape Technologies I. 4 Credits.
Develops understanding of contours, contour manipulation, and site engineering methodologies in the design of places; fundamentals of inclusive design, stormwater management, earthwork, and design development.

LA366. Landscape Technologies II. 4 Credits.
Consideration of aesthetic and engineering properties of materials and processes of landscape construction; communication of design intent through documentation including sources and costs.
Prereq: LA 362.

LA375. Contemporary American Landscape. 4 Credits.
Evolution of the contemporary American land-scape as an expression of American culture.

LA390. Urban Farm. 2-4 Credits.
Experimentation with food production in the city; rebuilding urban soils; farm animal-plant relationships; nutrient cycles. Cooperative food production and distribution; use of appropriate technologies. Repeatable.

LA399. Special Studies: [Topic]. 1-5 Credits.
Repeatable.

LA401. Research: [Topic]. 1-21 Credits.
Repeatable.

LA405. Reading and Conference: [Topic]. 1-21 Credits.
Repeatable.

LA406. Special Problems: [Topic]. 1-21 Credits.
Repeatable.

LA407. Seminar: [Topic]. 1-5 Credits.
Repeatable.

LA408. Workshop: [Topic]. 1-21 Credits.
Repeatable. Concentrated programs of study on special topics. Regular offerings include Fire Ecology and Management, Landscape Design.

LA409. Practicum: [Topic]. 1-21 Credits.
Supervised field laboratory work; clinical or in-service educational experience. Planned programs of activities and study with assured provisions for adequate supervision. Repeatable.

LA410. Experimental Course: [Topic]. 1-5 Credits.
Repeatable.

LA413. Analyzing Landscape Systems. 4 Credits.
Develops skills for collecting data and understanding how landscapes function in space and time to inform good decision-making in planning and design.
Prereq: one course in geography or biology or environmental studies.

LA415. Computers in Landscape Architecture. 4 Credits.
Repeatable. Development, application, and evaluation of computer systems for land use and site planning (e.g., geographic information systems); encoding of data, cell storage, and analysis systems.

LA417. Computer-Aided Landscape Design. 2-4 Credits.
Understanding and use of computer-aided drafting and design technology for executing landscape design development, evaluation, and presentation tasks.
Prereq: LA 439.

LA421. Landscape Photography and Environmental Perception. 4 Credits.
The influence of changing photographic landscape representations upon the perception of places and communities in relation to ideas about natural, cultural, and environmental values.

LA433. Japanese Garden. 4 Credits.
Explores the art, form, meaning, and experience of Japanese gardens. Special emphasis on their heartland in the valley of Nara and Kyoto.

LA439. Landscape Architectural Design and Process. 6 Credits.
Intermediate problems in landscape architecture design. Relations among problem concepts, goals, design theory, communication media, and technical analysis. Repeatable four times for a total of 30 credits.

LA440. Introduction to Landscape Planning Analysis. 4 Credits.
Principles of designing land- and waterscapes for human use and settlement. Ecological, social, and economic analyses of landscapes, resources, and patterns of occupancy in the Eugene-Springfield area.
Prereq: LA 413.

LA441. Principles of Applied Ecology. 2-6 Credits.
Application of ecological concepts to landscape design, planning, and management. Emphasis on spatially explicit problem-solving over a range of spatial and temporal scales.
Prereq: one course in ecology.

LA443. Land and Landscape. 4 Credits.
Theories and concepts in landscape planning and design. The valuing emphasis alternates every other year between environmental ethics and environmental aesthetics. Repeatable.

LA448. Urban Landscape: [Topic]. 1-4 Credits.
Analysis of case studies, problems, challenges, technologies, and methods that landscape architects contribute to the design and planning of sustainable urban places, neighborhoods, cities, and regions. Repeatable three times for a total of 16 credits.

LA450. Advanced Landscape Media. 4 Credits.
The role of media in design inquiry; development of hard-line drawing skills, diagramming, and principles of graphic design. Repeatable.

LA459. Landscape Technology Topics. 2-4 Credits.
Intensive study of topics in landscape construction and maintenance. Topics include irrigation, lighting, special structures, water management, and road design. Repeatable thrice for maximum of 10 credits.

LA465. Landscape Ecology. 4 Credits.
Links concepts and applications of landscape ecology through extensive field experiences that develop a deep understanding of a specific landscape or a set of issues.
Prereq: LA 441.

LA484. Landscape Perception. 4 Credits.
Development of the human-environment relationship as it relates to landscape perception, landscape archetypes, and the development of a theoretical base for contemporary landscape design.

LA489. Site Planning and Design. 6 Credits.
Advanced problems in landscape architecture, cultural determinants of site planning and design, design development and natural systems and processes as indicators of carrying capacity. Repeatable.
Prereq: LA 362, LA 366.

LA490. Comprehensive Project Preparation. 3 Credits.
Finding, describing, programming, and probing environmental opportunities and problems.

LA494. Land Planning and Design. 6 Credits.
Problems in landscape architecture of increased cultural complexity. Land use planning, computer-aided ecological analysis of land, environmental impact, urban and new community design.
Prereq: LA 489; fifth-year standing for undergraduates.

LA499. Comprehensive Project. 8 Credits.
Advanced planning and design projects in landscape architecture. Studio development of individually selected projects.
Prereq: LA 490.

LA503. Thesis. 1-16 Credits.
Repeatable.

LA507. Seminar: [Topic]. 1-5 Credits.
Repeatable.

LA508. Workshop: [Topic]. 1-21 Credits.
Repeatable. Concentrated programs of study on special topics. Regular offerings include Fire Ecology and Management, Landscape Design.

LA510. Experimental Course: [Topic]. 1-5 Credits.
Repeatable.

LA513. Analyzing Landscape Systems. 4 Credits.
Develops skills for collecting data and understanding how landscapes function in space and time to inform good decision-making in planning and design.

LA515. Computers in Landscape Architecture. 4 Credits.
Development, application, and evaluation of computer systems for land use and site planning (e.g., geographic information systems); encoding of data, cell storage, and analysis systems. Repeatable.

LA517. Computer-Aided Landscape Design. 2-4 Credits.
Understanding and use of computer-aided drafting and design technology for executing landscape design development, evaluation, and presentation tasks.
Prereq: LA 539.

LA521. Landscape Photography and Environmental Perception. 4 Credits.
The influence of changing photographic landscape representations upon the perception of places and communities in relation to ideas about natural, cultural, and environmental values.

LA533. Japanese Garden. 4 Credits.
Explores the art, form, meaning, and experience of Japanese gardens. Special emphasis on their heartland in the valley of Nara and Kyoto.

LA539. Landscape Architectural Design and Process. 6 Credits.
Intermediate problems in landscape architecture design. Relations among problem concepts, goals, design theory, communication media, and technical analysis. Repeatable four times for a total of 30 credits.

LA540. Introduction to Landscape Planning Analysis. 4 Credits.
Principles of designing land- and waterscapes for human use and settlement. Ecological, social, and economic analyses of landscapes, resources, and patterns of occupancy in the Eugene-Springfield area.
Prereq: LA 513.

LA541. Principles of Applied Ecology. 2-6 Credits.
Application of ecological concepts to landscape design, planning, and management. Emphasis on spatially explicit problem-solving over a range of spatial and temporal scales.
Prereq: one course in the natural sciences.

LA543. Land and Landscape. 4 Credits.
Theories and concepts in landscape planning and design. The valuing emphasis alternates every other year between environmental ethics and environmental aesthetics. Repeatable.

LA548. Urban Landscape: [Topic]. 1-4 Credits.
Analysis of case studies, problems, challenges, technologies, and methods that landscape architects contribute to the design and planning of sustainable urban places, neighborhoods, cities, and regions. Repeatable three times for a total of 16 credits.

LA550. Advanced Landscape Media. 4 Credits.
The role of media in design inquiry; development of hard-line drawing skills, diagramming, and principles of graphic design. Repeatable.

LA559. Landscape Technology Topics. 2-4 Credits.
Intensive study of topics in landscape construction and maintenance. Topics include irrigation, lighting, special structures, water management, and road design. Repeatable thrice for maximum of 10 credits.

LA565. Landscape Ecology. 4 Credits.
Links concepts and applications of landscape ecology through extensive field experiences that develop a deep understanding of a specific landscape or a set of issues.
Prereq: LA 4/541.

LA584. Landscape Perception. 4 Credits.
Development of the human-environment relationship as it relates to landscape perception, landscape archetypes, and the development of a theoretical base for contemporary landscape design.

LA589. Site Planning and Design. 6 Credits.
Advanced problems in landscape architecture, cultural determinants of site planning and design, design development and natural systems and processes as indicators of carrying capacity. Repeatable.

LA594. Land Planning and Design. 6 Credits.
Problems in landscape architecture of increased cultural complexity. Land-use planning, computer-aided ecological analysis of land, environmental impact, urban and new community design.
Prereq: LA 489/589.

LA601. Research: [Topic]. 1-16 Credits.
Repeatable.

LA602. Supervised College Teaching. 2-5 Credits.
Repeatable.

LA603. Dissertation. 1-16 Credits.

LA605. Reading and Conference: [Topic]. 1-16 Credits.
Repeatable.

LA606. Special Problems: [Topic]. 1-16 Credits.
Repeatable.

LA607. Seminar: [Topic]. 1-5 Credits.
Repeatable. A recent topic is Introduction to Landscape Literature.

LA608. Workshop: [Topic]. 1-16 Credits.
Repeatable. Intensive study combining practical projects with instruction on special topics related to landscape problems.

LA609. Practicum: [Topic]. 1-16 Credits.
Repeatable. Supervised field laboratory work; clinical or in-service educational experience. Planned programs of activities and study with assured provisions for adequate supervision.

LA610. Experimental Course: [Topic]. 1-5 Credits.
Repeatable.

LA617. Introduction to Landscape Architecture Theory. 4 Credits.
Survey and critique of the theoretical frameworks for landscape architecture.

LA620. Landscape Research Methods I. 2-4 Credits.
Contemporary research issues and strategies. Theories, approaches, and techniques applicable to topics and problems in landscape architecture. Sequence with LA 621.

LA621. Landscape Research Methods II. 2-4 Credits.
Contemporary research issues and strategies. Theories, approaches, and techniques applicable to topics and problems in landscape architecture. Sequence with LA 620.
Prereq: LA 620.

LA695. Research Proposal Development. 2 Credits.
Preparation and presentation of the student's terminal research and design project proposal and plan for completion of the master's degree in landscape architecture.
Prereq: LA 621.

LA699. Master's Project. 2-10 Credits.
Student-directed and executed performance and communication of original research or project work to demonstrate advanced mastery of landscape architecture. Repeatable.

Museum Studies

Certificate in Museum Studies

Graduate students in architecture and interior architecture who are interested in museum and exhibit design can apply to this 28-credit certificate program based on courses offered at the Eugene campus. Information about the program is available in the **Arts and Administration** section of this catalog.

New Media and Culture

Certificate in New Media and Culture

Graduate students in architecture and interior architecture who are interested in new media and culture may apply to this 24-credit certificate program featuring an array of courses in the history, criticism, aesthetics, and production of new media technologies. This multidisciplinary program blends scholarly research on new media topics with practical experience creating new media content using digital research tools. For more information, visit the certificate website. (http://newmediaculture.uoregon.edu)

Oregon Leadership in Sustainability

Certificate in Oregon Leadership in Sustainability

Graduate students in architecture and interior architecture who are interested in sustainability leadership can apply to this 32-credit certificate program based on courses offered at the Eugene campus. Information about the program is available in the **Planning, Public Policy and Management** section of this catalog.

Courses

OLIS601. Research: [Topic]. 1-12 Credits.
Repeatable when topic changes.

OLIS604. Internship: [Topic]. 1-12 Credits.
Repeatable when topic changes.

OLIS605. Reading and Conference: [Topic]. 1-16 Credits.
Repeatable when topic changes.

OLIS606. Special Problems: [Topic]. 1-16 Credits.
Repeatable when topic changes.

OLIS607. Seminar: [Topic]. 1-5 Credits.
Repeatable when topic changes.

OLIS608. Workshop: [Topic]. 1-16 Credits.
Repeatable when topic changes.

OLIS609. Practicum: [Topic]. 1-5 Credits.
Repeatable when topic changes.

OLIS610. Experimental Course: [Topic]. 1-5 Credits.
Repeatable when topic changes.

OLIS611. Sustainability Leadership Practicum I. 4 Credits.
First in a series of intensive, applied courses required for students pursuing the Oregon Leadership in Sustainability (OLIS) certificate. Series with OLIS 612, 613.

OLIS612. Sustainability Leadership Practicum II. 4 Credits.
Second in a series of intensive, applied courses required for students pursuing the Oregon Leadership in Sustainability (OLIS) certificate. Series with OLIS 611, 613.

OLIS613. Sustainability Leadership Practicum III. 4 Credits.
Final course in a series of intensive, applied courses required for students pursuing the Oregon Leadership in Sustainability (OLIS) certificate. Series with OLIS 611, 612.

OLIS620. Urban Ecological Design. 4 Credits.
Strategies for enhancing the sustainable performance of urban environments.

Planning, Public Policy and Management

Richard D. Margerum, Department Head
541-346-3635
119 Hendricks Hall
1209 University of Oregon
Eugene, Oregon 97403-1209

Mission Statement

The Department of Planning, Public Policy and Management (PPPM) prepares future public leaders, creates and disseminates new knowledge, and assists communities and organizations in solving society's most pressing issues. The department's faculty and administration is dedicated to

- the highest standards of scholarship
- informed theory and empirical evidence
- engaging the civic community—public, private, and nonprofit—in democratic processes addressing economic, environmental, and social issues
- seeking good ideas and approaches from around the world and testing their transferability from one area of the globe to another
- building on the existing strengths of communities and organizations, to increase their capacity to take advantage of opportunities and respond effectively to challenges
- work that ranges from local to international
- ecological, social, and economic sustainability

Faculty

Robert J. Choquette, adjunct instructor (strategic planning, project management); graduate programs coordinator. BS, 1982, MUP, 1991, Oregon. (1991)

Vicki Elmer, instructor (eco-districts, infrastructure, sustainability indicators). BA, 1964, Michigan, Ann Arbor; MUP, 1970, Columbia; PhD, 1991, California, Berkeley. (2011)

Renee A. Irvin, associate professor (nonprofit and philanthropic sector economics, wealth policy). BA, 1984, Oregon; MA, 1991, PhD, 1998, Washington (Seattle). (2001)

Grant Jacobsen, assistant professor (environmental economics and policy, energy efficiency, renewable energy). BA, 2005, College of William and Mary; MA, 2006, PhD, 2010, California, Santa Barbara. (2010)

Laura Leete, associate professor (poverty and social policy, work-force policy, nonprofit economics). BA, 1982, California, Berkeley; MA, 1988, PhD, 1992, Harvard. (2007)

Rebecca C. Lewis, assistant professor (land-use policy, sustainable development, state and local finance). BA, 2006, Kentucky; MPP, 2008, PhD, 2011, Maryland, College Park. (2013)

Richard D. Margerum, professor (environmental planning and management, planning processes, conflict management). BA, 1987, Wittenberg; MCP, 1989, Cincinnati; MS, 1992, PhD, 1995, Wisconsin, Madison. (2001)

Dyana Mason, assistant professor (nonprofit management, charitable giving, public management). BA, 1993, Southern California; MBA, 2010, William and Mary; PhD, 2014, Southern California. (2014)

Nicole S. Ngo, assistant professor (health economics, environmental policy, urban sustainability). BA, BS, 2006, California, Irvine; MA, 2010, PhD, 2013, Columbia. (2013)

Robert G. Parker, instructor (land use and growth management, economic development). BS, 1986, Colorado State; MUP, 1989, Oregon. (1989)

Jake Pollack, adjunct instructor (sustainability leadership, cross-cultural communication, organizational transformation); director, Oregon Leadership in Sustainability program. PhD. (2012)

Gerardo Sandoval, assistant professor (economic and community development, urban revitalization, immigrant neighborhoods). BS, 2000, California, Davis; MCP, 2002, PhD, 2007, California, Berkeley. (2010)

Marc Schlossberg, professor (geographic information systems, social planning, transportation planning). BBA, 1987, Texas, Austin; MUP, 1995, San Jose State; PhD, 2001, Michigan. (2001)

Megan E. Smith, senior research assistant (community outreach, watershed planning, rural planning). BA, 1990, Southern Oregon State; MCRP, 1996, Oregon. (1996)

Rhonda Smith, instructor (career development, internship planning); internship director. BS, 1979, Missouri, St. Louis; MA, 1996, Oregon. (2007)

Yizhao Yang, associate professor (environmental planning, sustainable living design and analysis, geographic information systems). BArch, 1995, Tianjin; MS, 1998, Tsinghua; MRP, 2001, PhD, 2007, Cornell. (2006)

Courtesy

Robert Doppelt, courtesy senior research associate (environmental governance, sustainable development). BS, 1973, Lewis and Clark; MS, 1975, MS, 1976, Oregon. (2002)

Donald G. Holtgrieve, adjunct assistant professor (local government planning). See **Geography**.

Cassandra Moseley, courtesy assistant professor (natural resource policy, community-based conservation). BA, 1990, Cornell; MA, 1993, MPhil, 1994, PhD, 1999, Yale. (2002)

Emeriti

Bryan T. Downes, professor emeritus. BS, 1962, MS, 1963, Oregon; PhD, 1966, Washington (St.Louis). (1976)

Maradel K. Gale, associate professor emerita. BA, 1961, Washington State; MA, 1967, Michigan State; JD, 1974, Oregon. (1974)

Judith H. Hibbard, professor emerita. BS, 1974, California State, Northridge; MPH, 1975, California, Los Angeles; DrPH, 1982, California, Berkeley. (1982)

Michael Hibbard, professor emeritus. BS, 1968, California Polytechnic; MSW, 1971, San Diego State; PhD, 1980, California, Los Angeles. (1980)

Carl J. Hosticka, associate professor emeritus. BA, 1965, Brown; PhD, 1976, Massachusetts Institute of Technology. (1977)

Robert E. Keith, planning consultant emeritus. BS, 1944, Kansas State; MArch, 1950, Oregon. (1963)

David C. Povey, professor emeritus. BS, 1963, Lewis and Clark; MUP, 1969, PhD, 1972, Cornell. (1973)

Jean Stockard, professor emerita. BA, 1969, MA, 1972, PhD, 1974, Oregon. (1974)

Kenneth C. Tollenaar, director emeritus. BA, 1950, Reed; MA, 1953, Minnesota. (1966)

Edward C. Weeks, associate professor emeritus. BA, 1973, PhD, 1978, California, Irvine. (1978)

The date in parentheses at the end of each entry is the first year on the University of Oregon faculty.

Participating

Mark Gillem, architecture

Daniel HoSang, ethnic studies

Nico Larco, architecture

Robert G. Ribe, landscape architecture

Philip J. Romero, finance

Anita M. Weiss, international studies

- **Bachelor of Arts** (p. 470)
- **Bachelor of Science**
- **Planning, Public Policy and Management Minor** (p. 470)
- **Nonprofit Administration Minor**

Undergraduate Studies

The undergraduate program provides an interdisciplinary liberal arts education that prepares students for work in the fields of planning, policy, and public and nonprofit management. Through course work that integrates theory and practice, the curriculum focuses on the ways governments, nonprofit organizations, and other institutions address public problems. Students explore the economic, social, and environmental characteristics of communities and systems of governance to determine effective ways to advance the public's goals. The curriculum helps students develop knowledge of core issues related to public policy and management as well as a specialized expertise in an area of their choosing. Emphasis is placed on developing skills in research; verbal, written, and digital communication; and working in group settings.

Preparation

Students planning to pursue a major in PPPM should work to develop communication skills, analytical skills, and community experience. A broad liberal arts background, the development of analytical skills, and community volunteer and leadership experiences are excellent preparation for the PPPM major. Premajors should consider course work or experience in English, public speaking, economics, political science, sociology, computer science, mathematics, and volunteer work.

Careers

The bachelor of arts (BA) or bachelor of science (BS) degree in planning, public policy and management provides students with a broad, interdisciplinary, liberal arts background and a sound basis for graduate study in fields such as urban planning, public policy and management, business, law, journalism, and social welfare. In addition, graduates are prepared for entry-level positions in government agencies and nonprofit organizations.

Admission Requirements

The major in PPPM is offered to upper-division students. Students may apply for admission the term prior to achieving upper-division standing. Applicants are considered before this level on a case-by-case basis. Students are encouraged to apply for status as PPPM premajors to receive department correspondence about upcoming courses and opportunities, to receive advising services, and to access courses with reserved spaces for majors. Students must apply and be accepted by the department before earning 30 credits in PPPM courses. Preference in admission is given to applicants who have

- a grade point average (GPA) of 3.00 or better
- some experience—paid or volunteer—in public service
- fulfilled university general-education requirements

Prior to applying for admission to the major, students should take Introduction to Economic Analysis: Microeconomics (EC201) and at least one of the following three courses: Introduction to Public Policy (PPPM201), Introduction to City Planning (PPPM205), or Introduction to the Nonprofit Sector (PPPM280).

Admission Procedures

The department admits students fall, winter, and spring terms. Admission to the major is effective the following term. The deadline to apply falls on the Monday of the fourth week. To be considered for admission, students must submit the following materials:

1. Completed application form, available from the department office or website
2. Brief résumé of education and employment history
3. Personal statement describing career goals and how the major in PPPM will help achieve those goals. This statement should be limited to two typed, double-spaced pages
4. Transcripts from all colleges and universities attended

Bachelor of Arts Degree Requirements

Core Courses [1]		
PPPM201	Introduction to Public Policy	4
PPPM205	Introduction to City Planning	4
PPPM280	Introduction to the Nonprofit Sector	4
PPPM413	Quantitative Methods	4
PPPM415	Policy and Planning Analysis	4
PPPM434	Urban Geographic Information Systems	4
PPPM494	Practice of Leadership and Change	4
Field of Interest		
PPPM electives [2]		32
Total Credits		**60**

1. PPPM majors must take core courses for letter grades and pass them with grades of C– or better.
2. Up to 12 credits of Internship: [Topic] (PPPM404) may count toward fulfilling this requirement. All electives must be upper division.

Bachelor of Science Degree Requirements

Core Courses [1]		
PPPM201	Introduction to Public Policy	4
PPPM205	Introduction to City Planning	4
PPPM280	Introduction to the Nonprofit Sector	4
PPPM413	Quantitative Methods	4
PPPM415	Policy and Planning Analysis	4
PPPM434	Urban Geographic Information Systems	4
PPPM494	Practice of Leadership and Change	4
Field of Interest		
PPPM electives [2]		32
Total Credits		**60**

1. PPPM majors must take core courses for letter grades and pass them with grades of C– or better.
2. Up to 12 credits of Internship: [Topic] (PPPM404) may count toward fulfilling this requirement. All electives must be upper division.

Students should expect extensive writing, policy analysis, and collaborative projects as part of their education in PPPM. For more information, contact the undergraduate advisor in the department.

Fields of Interest

To develop a personalized area of expertise, students are encouraged to take three or more elective courses focused on a substantive policy area or set of skills in planning and public policy. In addition, students may work with an undergraduate advisor to develop a customized field of interest.

The department's strengths lie in the following fields:

- urban planning, land use, and the built environment
- environmental planning and policy
- nonprofit administration and philanthropy
- public management
- social and health policy

Internship

While an internship is optional, it is highly recommended for all PPPM students. Internships offer students real-world opportunities to explore and clarify their interests and career goals, apply academic learning, develop new skills, and network with professionals. This career-building experience prepares students for fellowships, professional positions, or further academic study. Up to 12 credits of Internship: [Topic] (PPPM404) may be applied to the interest area.

Community Planning Workshop

Undergraduate students have the opportunity to work on applied research projects through the Community Planning Workshop (see more information in the PPPM Graduate section). Up to 10 credits of Community Planning Workshop (PPPM419) may be applied to the interest area. Admission is by application only.

Thesis and Departmental Honors Program

Students may pursue an undergraduate thesis in PPPM if they are accepted in the departmental honors program, or if they are enrolled in the Clark Honors College. Students may not pursue the thesis option without prior approval; interested students should contact an undergraduate advisor for more information. Students must have a 3.75 GPA to be considered for the departmental honors program; a thesis is required.

Minors

Planning, Public Policy and Management Minor

The planning, public policy and management minor complements majors in the humanities or social sciences—anthropology, geography, political science, or economics, for example. It enhances any student's undergraduate education with preparation for a variety of professional occupations and graduate study. The minor provides a professional context in which to apply the knowledge, theories, and methods of the student's major discipline.

Students may declare the minor in planning, public policy and management at any time during or after the term in which they achieve upper-division standing. Materials for declaring the minor are available in the department office.

PPPM201	Introduction to Public Policy [1]	4
PPPM205	Introduction to City Planning [1]	4
PPPM280	Introduction to the Nonprofit Sector [1]	4
PPPM415	Policy and Planning Analysis [1]	4
Three upper-division PPPM electives [2]		12
Total Credits		**28**

1. Must be taken for letter grades and passed with grades of C– or better.
2. Up to 8 credits of Internship: [Topic] (PPPM404) or 10 credits of Community Planning Workshop (PPPM419) may be used toward fulfilling the requirement.

Nonprofit Administration Minor

The PPPM department offers a minor of special value to students interested in a career in the nonprofit sector. Through the minor, students

can enhance their undergraduate education to include preparation for occupations and graduate study in nonprofit administration. The nonprofit sector is one of the fastest-growing employment sectors in the country, creating a high demand for graduates with specialized skills to work for these diverse and exciting organizations.

Students may declare the minor in nonprofit administration at any time during or after the term in which they achieve upper-division standing. Materials for declaring the minor are available in the department office. Courses must be taken for letter grades and passed with grades of C– or better, unless offered pass/no pass only.

PPPM280	Introduction to the Nonprofit Sector	4
PPPM422	Grant Proposal Writing	1
PPPM480	Nonprofit Management I	4
PPPM481	Fundraising for Nonprofit Organizations	4
PPPM484	Public and Nonprofit Financial Management	4
Two upper-division electives [1]		8
Total Credits		**25**

[1] List of approved courses available in department office.

- **Master of Community and Regional Planning**
- **Master of Nonprofit Management**
- **Master of Public Administration**
- **Graduate Certificate in Nonprofit Management**
- **Graduate Certificate in Oregon Leadership in Sustainability**

Graduate Studies

Programs for the master of community and regional planning (MCRP) degree, the master of nonprofit management (MNM), and the master of public administration (MPA) require two years for completion. The MCRP degree is accredited nationally by the Planning Accreditation Board. The MPA is accredited by the National Association of Schools of Public Affairs and Administration. The department also offers a 24-credit graduate certificate in nonprofit management.

The interdisciplinary and eclectic fields of planning, public policy, and public and nonprofit management are concerned with systematically shaping the future. Professionals in these fields frequently lead efforts to plan for change. Most often they are involved in analysis, preparation of recommendations, and implementation of policies and programs that affect public facilities and services and the quality of community life. These professionals assume responsibility for planning, policy, and management in community and regional development, natural resources, economic development, social sciences, land use, transportation, law enforcement, and other fields.

Planning, public policy, and public and nonprofit managementgraduates have a comprehensive understanding of economic, environmental, fiscal, physical, political, and social characteristics of a community. Graduates are expected to provide leadership and to otherwise participate effectively in efforts to enhance the capacity of communities to deal creatively with change.

Financial Aid

Approximately 40 percent of the department's students receive some financial assistance (e.g.,graduate teaching fellowships, work-study assistance, or research stipends). Graduate teaching fellowships (GTFs) are offered to approximately twenty students each year. Each fellowship includes a stipend and a waiver of tuition and fees for one or more terms. Graduate students also may work on planning and public policy projects through the Community Planning Workshop. Each year five to fifteen students receive stipends for research on contracts developed and administered in the workshop. Research and GTF appointments typically are not offered until the student has been in a PPPM program for at least one term.

Graduate students are eligible for fellowship awards, granted by federal agencies and privately endowed foundations, and loans from university and federal student loan programs. Information about grants and loans may be obtained from the Office of Student Financial Aid and Scholarships, 1278 University of Oregon, Eugene, Oregon 97403-1278.

Applicants to PPPM programs are strongly urged to apply for university financial assistance before February of the year of application in order to be eligible for work-study and other assistance offered by the student financial aid office.

The University of Oregon offers Diversity Excellence Scholarships for graduate students who are United States citizens or permanent residents. For more information, visit the Center for Multicultural Academic Excellence (http://financialaid.uoregon.edu/diversity_excellence_scholarship) website.

Community and Regional Planning

The master's degree program in community and regional planning trains policy-oriented planners for leadership positions in planning and planning-related organizations. The field of planning is concerned with rational and sensitive guidance of community and regional change. Planners are responsible for identifying and clarifying the nature and effect of planning problems, formulating potential solutions to these problems, and assisting in the implementation of alternative policies.

To realize these objectives, the planner must draw on the skills and insights of many professions and disciplines. The planner must have a basic understanding of the cultural, economic, social, political, and physical characteristics of a community.

Entering students should be prepared to become involved in and committed to resolving important social, economic, environmental, political, and cultural problems. Courses in and outside the department provide students with an integrated understanding of planning, public policy, and public management as well as specific skills needed for a chosen professional area.

Oregon is an especially fruitful laboratory in which to study planning. The state has an international reputation as a source of innovative approaches to addressing planning issues.

Students select a set of courses in consultation with their advisors that focus their elective work on an area of special interest. The program has exceptional strengths in community and regional development, environmental planning, land use and sustainable development, and social planning. In addition, the department's strengths in nonprofit management, local government management, and budget and finance are of interest to many students in the field of planning.

The program has strong ties with other programs on campus. Students often pursue concurrent degrees in planning and environmental studies, landscape architecture, business, economics, geography, international

studies, or public administration. See Concurrent Master's Degrees (p. 476) in this section.

Preparation

Students are strongly encouraged to complete a thorough social science undergraduate program including courses in economics, sociology, geography, and history. Work experience, particularly if related to planning, is valuable, as are writing and public speaking skills. Courses in the natural sciences, policy sciences, environmental design, or analytic methods are helpful as background for advanced graduate work in a concentration area of interest to the student.

Students must complete either an advanced undergraduate or a graduate-level introductory course in statistics as a pre- or corequisite to Planning Analysis I (PPPM613). No credit toward the MCRP degree is allowed for the statistics course. The requirement is waived for students with equivalent courses or work experience. Entering students are urged to satisfy this requirement before enrolling in the program.

Students may file petitions to transfer up to 15graduate credits taken prior to admission to the planning program. Such petitions must be submitted during the first term in the program.

Juniors and seniors who anticipate applying for admission are encouraged to seek advice at the department office.

Careers

Graduates with an MCRP degree find employment in public, private, and nonprofit sectors. In the public sector, three kinds of agencies provide career opportunities: local land-use and zoning agencies; agencies for housing, social services, community renewal, parks, transportation, and other community facilities; and agencies for economic development and natural resource management. In the private sector, graduates are typically employed by consulting planners, private developers, and other firms requiring research and analysis skills. Graduates are also employed by such nonprofit organizations as environmental and advocacy groups, community development organizations, and research firms.

Application Procedures

Importance is placed on the student's preference for and ability to undertake self-directed educational activity.

Because there are more than sixty-five accredited graduate programs in planning in the United States, the department's admissions committee emphasizes the selection of candidates who present clear and specific reasons for choosing to pursue their graduate work in planning at the University of Oregon.

Application Materials

1. Graduate Admission Application, available online—follow the instructions on the department's website
2. A résumé
3. A statement, prepared by the applicant, explaining why admission to the UO planning program is sought and what the applicant's expectations are from the field
4. At least three letters of recommendation from people familiar with the applicant's ability to pursue graduate-level studies in planning
5. Transcripts from all the colleges and universities attended, including evidence of completion of an undergraduate degree from an accredited college or university
6. Graduate Record Examinations (GRE) scores are optional. If submitted, they are considered along with other application materials
7. Applicants whose native language is not English must supply results of the Test of English as a Foreign Language (TOEFL) or the International English Language Testing System (IELTS) examination. The minimum acceptable TOEFL score for admission is 575 (paper-based test) or 88 (Internet-based test); the minimum acceptable IELTS exam score is 7.0. The results of the examination should be sent to the Office of Admissions, 1217 University of Oregon, Eugene OR 97403-1217

Applications are accepted beginning September 15 for admission fall term a year later. The deadline for receipt of the application to the program is February 1. Applicants are notified of admission decisions early in March. For more information, call or write the department.

The Planning Curriculum

A total of 72 credits beyond the bachelor's degree is required for the MCRP degree. Core courses must be taken for letter grades, unless offered pass/no pass only.

Students are expected to enroll for six terms with an average course load of 12 credits a term. During the summer, students are encouraged to engage in planning work. The planning program offers research stipends and course credit for qualified applicants who take part in research conducted by the Community Planning Workshop. Planning internships are also available; some provide compensation.

Master of of Community and Regional Planning Requirements

Core Courses		
Select one of the following:		4
PPPM540	Land-Use Policy	
PPPM542	Sustainable Urban Development	
PPPM534	Urban Geographic Information Systems	4
PPPM611	Introduction to Planning Practice	4
PPPM612	Legal Issues in Planning	4
PPPM613	Planning Analysis I	5
PPPM616	Planning Theory and Ethics	4
PPPM617	Human Settlements	4
PPPM620	Research Methods in Planning I	4
PPPM621	Research Methods in Planning II	3-4
Experiential Learning		
PPPM625–626	Community Planning Workshop	10
PPPM623	Professional Development	1
Field of Interest		
Electives selected from list of suggested courses in consultation with advisor		19
Synthesis		
PPPM609	Terminal Project	4
Total Credits		**70-71**

Community Planning Workshop

A distinctive feature of the planning graduate curriculum is the Community Planning Workshop, an applied research and service program that is required for first-year students. Students work on six month planning projects in small teams supervised by program faculty members and second year graduate students in planning. Clients

have included federal, state, county, and local governments as well as nonprofit organizations.

Projects typically focus on issues of immediate environmental, social, and economic importance to the client group and the general public. Recent project topics include

- Citizen involvement in planning process
- Housing needs analysis
- Land-use planning
- Natural hazards mitigation
- Program evaluation
- Strategic plans for communities and regions
- Tourism and recreational development
- Watershed planning

Each year, first-year graduate students enrolled in Community Planning Workshop (PPPM625–626) complete five to ten planning projects. Final written reports, prepared by each student team, provide evidence of the students' expertise and ability to conduct planning research and to prepare and present high-quality professional reports. After completing Community Planning Workshop (PPPM625–626), selected students may continue to engage in planning research projects for compensation. The popularity of the program with students—and with a growing number of government and private-sector clients—has enabled the Community Planning Workshop to provide research support for five to fifteen students a year.

Federal grants from the United States Department of Education Fund for the Improvement of Post-Secondary Education and support from a variety of state agencies have helped the Community Planning Workshop become one of the most successful community planning assistance programs in the nation. Projects have received numerous state and national awards.

Nonprofit Management

The master of nonprofit management (MNM) is a professional degree designed to train students to lead nonprofit organizations. Due to the growth of the nonprofit sector over the past three decades in the US and the growth of nongovernmental organizations internationally, the sector has professionalized. People currently working in the nonprofit sector and others seeking to switch to or enter the nonprofit sector now seek master's-level training to advance their careers, specializing specifically in the administration of nonprofit organizations.

Critical skills for nonprofit administration are common to all nonprofit fields, including handling financial management challenges and tax-exempt reporting structures, raising funds from individual donors and institutions, and managing a mission-oriented workforce.

Unique Aspects of the Program

The program melds relevant best-practice elements from the business and government sectors with the management imperatives of the nonprofit and philanthropic sectors. Woven into the course work are opportunities to obtain practical experience at nonprofit organizations, so that participants in the program have significant administrative experience upon graduating. Examples include the review and consultation portion of the Fundraising for Nonprofit Organizations (PPPM581) course, the nine-month board membership required for the Nonprofit Board Governance (PPPM687) course, and the projects student teams complete for nonprofit organizations in the Nonprofit Consultancy (PPPM688) course.

Students may combine the master of nonprofit management with another graduate degree from within the department or from other academic units across campus. In most cases, a student is able to obtain two master's degrees within three years. The normal time to completion for the master of nonprofit management degree is six terms (two years).

Application Procedures

To be eligible for the master of nonprofit management, an applicant must hold a bachelor's degree. The department strongly encourages applications from people of all backgrounds, and is dedicated to fostering a diverse academic environment.

Applications for admission are due February 1 for students entering the program in the following fall. In exceptional cases, students may be admitted at other times of the year. The online application requires the following (please follow the detailed checklist available on the department website):

- Official transcripts from undergraduate college or university, and from graduate study, if applicable
- GRE or GMAT scores
- TOEFL or IELTS scores for nonnative English speakers
- A personal statement, two to three pages in length, describing your motivation and preparation for entering or furthering a career in the nonprofit sector, and providing a hypothetical blueprint for the next twenty years of your career
- Comprehensive employment and education résumé
- Three recommendation letters, with one or more of the letters by a faculty member
- University of Oregon online graduate admission application

Nonprofit Curriculum

After completion of the core curriculum (32 credits focusing on financial, management, and revenue-development skills), students complete an internship and 20 credits of concentration electives. Students complete a management-based capstone sequence that culminates in successful completion of a consulting project for a nonprofit organization. The two-year program takes 72 credits to complete.

Master of Nonprofit Management

Core Courses		
PPPM522	Grant Proposal Writing	1
PPPM526	Strategic Planning for Management	4
PPPM581	Fundraising for Nonprofit Organizations	4
PPPM586	Philanthropy and Grant Making	2
PPPM618	Public Sector Theory	4
PPPM623	Professional Development	1
PPPM656	Quantitative Methods	5
PPPM680	Managing Nonprofit Organizations	4
PPPM684	Public and Nonprofit Financial Management	4
PPPM687	Nonprofit Board Governance (three-term sequence, one credit per term)	3
Internship		
PPPM604	Internship: [Topic]	4
Electives, Synthesizing Experience		
Courses focused on a specific field of interest [1]		20

Capstone: Management Sequence		
PPPM688	Nonprofit Consultancy	4
Select three of the following; or other management-relevant course		12
AAD520	Event Management	
CRES610	Experimental Course: [Topic] (Nonprofit Clinic)	
PPPM507	Seminar: [Topic] (any experimental management course)	
PPPM525	Project Management	
PPPM548	Collaborative Planning and Management	
PPPM552	Public Participation in Diverse Communities	
PPPM565	Program Evaluation	
PPPM633	Public Management	
Total Credits		**72**

1 Courses must be approved by an advisor and should focus on a specific field of interest such as policy, community development planning, environmental sustainability, international development, marketing and development, arts management, public advocacy, and education and social services. More options for course work may be found online, pppm.uoregon.edu/grad/nonprofit-master.

Public Administration

The master of public administration (MPA) is a two-year program for people interested in public service careers that address the critical social, economic, and environmental issues of our time. The curriculum is designed to provide a combination of academic theory, analytic skills, and real-world applications so that students become effective and creative leaders in public service.

A central focus of the program is to prepare students to become evidence-based policymakers, analysts, and managers. Evidence-based policymaking—the idea that the formulation of policy and its implementation should be based on evidence of effectiveness—has gained widespread acceptance in the policy community, both in the United States and abroad, and requires a closer connection between research and practice. It requires that researchers ask policy-relevant questions and conduct meaningful and timely analyses that support the decision-making process; conversely, it requires that policymakers, managers, and leaders think critically about research and integrate appropriate evidence in the implementation and formulation of policy and practice.

Recent graduates work as advisors, policy analysts, and strategic planners in all levels of government, in Oregon, throughout the US, and around the globe. Their work addresses the full range of social issues, from improving health-care access, increasing government efficiency, and responsiveness to creating new governmental structures in developing democracies. Graduates also work in a broad range of nonprofit organizations, for instance, as executive staff members in social service, arts, and environmental organizations.

The State of Oregon is an exciting place to study public administration. As a "laboratory of democracy," it has a long and distinguished record of policy innovation. Most recently, Oregon has been on the forefront of advances in land-use, health-care, and environmental policy.

Unique Aspects of the Program

The size of the program means that master's students at the University of Oregon receive a tremendous amount of individual attention, particularly in the second year when they conduct a team-based policy research project. The close, collegial working relationships between students and instructors means that faculty members are often able to help students attain relevant alumni contacts, internships, and job opportunities.

Since the department also houses a master’s degree program in community and regional planning (MCRP), master of public administration students benefit from additional faculty and planning-related course offerings. In particular, students are invited in their first year to enroll in a two-term, field-based course—Community Planning Workshop (PPPM625)—in which students consult on a topical issue for a local government or nonprofit agency in Oregon.

Students interested in a career in nonprofits can earn a certificate in nonprofit management concurrently with their master of public administration. The certificate program offers innovative courses including one on board governance, in which students serve on a nonprofit board, and another on philanthropy, in which students award a $15,000 grant to a local agency. As an alternate, students may complete both the MPA and MNM degrees concurrently. See a member of the department staff for application procedures for concurrent programs.

Oregon is known for its progressive policymaking, from the Bottle Bill, to vote-by-mail, to current efforts in health-care reform. Students find policymakers and public managers unusually accessible for consultation in Oregon.

The program prepares participants to become effective, creative leaders in the public and nonprofit sectors. The curriculum provides a combination of substantive knowledge, analytic skills, and professional experience that primes students for careers as evidence-based policymakers, analysts, or managers.

Application Procedures

To be eligible for the graduate program in public administration, an applicant must hold a bachelor’s degree.

Submit the following documents, which must be received by February 1:

1. Graduate Admission Application, available online—follow the instructions on the department’s website
2. Comprehensive employment and education résumé
3. A two-page, typed statement of purpose that clearly describes the applicant’s reasons for pursuing graduate study in the program at Oregon, his or her professional goals and objectives, and professional work experience
4. Transcripts of grades in courses taken for the bachelor’s degree and of any other college-level work. They should be sent directly by the institution that awarded the course credits
5. Three letters of recommendation; two may be from academic sources
6. The Graduate Record Examination is highly recommended for admission
7. Applicants whose native language is not English must supply results of the Test of English as a Foreign Language (TOEFL) or the International English Language Testing System (IELTS) examination. The minimum acceptable TOEFL score for admission is 575 (paper-based test) or 88 (Internet-based test); the minimum acceptable IELTS exam score is 7.0. The results of the examination should be

sent to the Office of Admissions, 1217 University of Oregon, Eugene OR 97403-1217

Students are selected for the program based on a combination of their undergraduate academic performance, intellectual aptitude, commitment to public service, and written statement. The deadline for receipt of fall term admission is February 1. In exceptional cases, students may be admitted at other times of the year.

The department strongly encourages applications from people of all backgrounds, and is dedicated to fostering a diverse academic environment. This, we believe, will help prepare better future public leaders.

Master of Public Administration Requirements

Core Courses [1]		
PPPM618	Public Sector Theory	4
PPPM628	Public Sector Economics	4
PPPM629	Public Budget Administration	4
PPPM633	Public Management	4
PPPM636	Public Policy Analysis	4
PPPM637	MPA Policy Analysis Project	1
PPPM656	Quantitative Methods	5
PPPM657	Research Methods in Public Policy and Management	4
PPPM684	Public and Nonprofit Financial Management	4
Field of Interest		
Courses in selected field of interest [2]		24
Internship		
PPPM623	Professional Development [3]	1
Internships, professional development opportunities [4]		3
Applied Research Project		
PPPM638–639	MPA Capstone Applied Research Project I-II	10
Total Credits		**72**

1. Must be taken for letter grades.
2. Interest areas may include: policy, public management, nonprofit management, planning, or environmental policy. A list of potential courses for each field of interest is available at the department's website. Students who would like to develop their own field of interest are able to do so in consultation with a faculty advisor. Recent graduates have created customized fields of interest in food sufficiency, health policy, and international development.
3. Students take course in first year. The course is designed to help students identify their career goals and develop a plan to meet those goals. Students identify summer internship and postgraduation fellowship opportunities, develop polished résumés and cover letters, and conduct informational and mock interviews.
4. Completing an internship is highly recommended for all MPA students, and required for those with less than two years (3 credits) of relevant professional experience. Internships help students to explore and clarify career goals, apply academic learning, enhance and learn new skills, gain experience, and network with professionals. Internships have included those with the Oregon governor's office, Senator Ron Wyden's office, the United Nations Internship Programme, the City of Portland Office of Sustainable Development, and Holt International Children's Services. For more information on the Internship Program, visit pppm.uoregon.edu/internships.

The master of public administration (MPA) program provides students with two key opportunities to synthesize classroom learning and apply their research skills to current policy and management issues. At the start of the second year, students engage in a policy project intended to simulate the real-world environment where analysts and managers are given short time frames to research a topic that they know little or nothing about. Over forty-eight hours, students read relevant policy and research documents, write a memo detailing the evidence base and key issues, and give an oral presentation. The project takes place the week before fall courses begin, and incoming first-year students have the opportunity to view the presentations as part of their orientation to the program. This component of the curriculum is a signature event and rite of passage each fall.

Students also enroll in a two-term project sequence that serves as the synthesizing capstone of the curriculum. Over winter and spring terms of the second year of study, students work on real-world or simulated real-world projects that require conducting in-depth needs assessments, evaluations, cost-benefit analyses, or other applied research. A faculty member works closely with student groups on these projects over the two terms. Past projects have included a survey for a state commission to gauge attitudes among key shareholders on potential policy change, an analysis of administrative data on the impact of a postpolicy implementation on Oregonians, and an examination of three potential communities for a nonprofit's expansion.

Graduate Certificate in Nonprofit Management

The graduate certificate in nonprofit management prepares students for leadership in the nonprofit sector. The focused curriculum develops specific skills that are critical for success in managing nonprofit organizations.

Phenomenal growth in assets and activities of the nonprofit sector over the past two decades have led to career opportunities in the many areas of the nonprofit sector, including cultural and arts organizations, education, health care, human services, international development, and advocacy organizations. Nonprofit enterprise has broadened with developing sources of funding, and the complexities of its management require professional skills specific to the nonprofit sector.

Nonprofit Management Graduate Certificate Requirements

Core Courses		
PPPM522	Grant Proposal Writing	1
PPPM581	Fundraising for Nonprofit Organizations	4
PPPM586	Philanthropy and Grant Making	2
PPPM680	Managing Nonprofit Organizations	4

PPPM684	Public and Nonprofit Financial Management	4
Internship and Electives [1]		
Elective course		3
PPPM604	Internship: [Topic] [2]	6
Total Credits		**24**

1. Elective credits may be taken in other departments. Information about the many nonprofit elective courses or waiver of required courses is available from the nonprofit program director.
2. The internship must be with a nonprofit organization or a student may use 6 credits of elective course work that covers material relevant to nonprofits.

Core courses must be taken for letter grades unless offered P/N only.

Admission

Graduate students from any UO department may apply for admission and add the certificate to their degree programs. Students who hold a bachelor's degree from an accredited university may apply to complete the certificate as a stand-alone program. Applications are reviewed for admission four times a year. Complete information about admission to the program is available on the nonprofit management certificate section of the department's website.

Graduate Certificate in Oregon Leadership in Sustainability

The intensive Oregon leadership in sustainability (OLIS) graduate certificate program trains students in the concepts and skills of sustainability and is designed for those who want to prepare for emerging sustainability careers in the public, private, and nonprofit sectors. Students are immersed in an interdisciplinary learning community with an emphasis on practical experience, integrating issues of climate change, green economy, ecosystem services, green infrastructure, and social justice.

Key Elements

- One year of full-time study (exceptions on a case-by-case basis)
- Students take core courses together throughout the year
- Courses taught by members of the UO faculty on the Eugene campus
- The content area of the practicums may range from energy and transportation to water, climate action planning, and sustainable real estate development
- Includes three one-term practicums in which students work with a client organization, integrating skill-based modules on leadership, analysis tools, and implementation

Graduate Certificate in Oregon Leadership in Sustainability Requirements

PPPM407	Seminar: [Topic] (Hazard Mitigation Planning)	4
PPPM607	Seminar: [Topic]	4
OLIS607	Seminar: [Topic]	4
OLIS608	Workshop: [Topic]	5
OLIS611–613	Sustainability Leadership Practicum I-III	12
OLIS620	Urban Ecological Design	4
Two graduate-level elective courses [1]		8
Total Credits		**41**

1. A list of approved courses is available in the department office.

Students may participate in the program as a stand-alone certificate or may choose to pursue the program concurrently with another graduate program.

Concurrent Master's Degrees

Students may participate in a concurrent master's degree program. The fields of planning and of public policy administration and nonprofit management draw on knowledge and expertise from other areas such as business, law, economics, political science, environmental studies, geography, landscape architecture, and architecture. Through the concurrent degree program, students enroll in two master's programs simultaneously in order to complete requirements for both degrees with three years of course work. Students interested in this option should seek program advice from a member of the faculty. Students must be admitted to both programs and make special arrangements with both program directors.

Community Service Center

The Community Service Center, an interdisciplinary organization, assists Oregon communities by providing planning and technical assistance to help solve local issues, improve the quality of life in rural Oregon, and help make Oregon communities more self-sufficient.

The center incorporates a number of programs, including the following:

- Community Planning Workshop (p. 470)
- Resource Assistant for Rural Environments
- The Oregon Partnership for Disaster Resilience

Resource Assistance for Rural Environments (RARE)

The Americorps program, RARE, trains graduate-level students, then places them for a year in rural communities, where they help improve economic and environmental conditions. Qualified students receive a monthly stipend and an educational award of $5,550 when they finish their service. Members do not need to be matriculated students. More information about this program is available on the department website.

The Oregon Partnership for Disaster Resilience (OPDR)

The partnership promotes risk reduction and mitigation activities around the state through local plan development support, research and technical resource development, training, and capacity building, offering service-learning opportunities to graduate students in planning, policy, environmental studies, and other university programs. The partnership coordinates three program areas: the Oregon Predisaster Mitigation Program; the Disaster-Resilient University Program, including the UO Integrated Emergency Management Program; and the Long-Term Postdisaster Recovery Planning initiative.

- **Graduate Certificate in Nonprofit Management (see Graduate tab for information)**
- **Graduate Certificate in Oregon Leadership in Sustainability (see Graduate tab for information)**

Courses

PPPM199. Special Studies: [Topic]. 1-5 Credits.
Repeatable.

PPPM201. Introduction to Public Policy. 4 Credits.
Overview of professional public service and the planning and management of public issues. Focuses on the goals of public services within their economic, social, and political contexts.

PPPM202. Healthy Communities. 4 Credits.
Historical relationships of public policy, planning, and public health; how public policies can promote health; relationship of planning and policies to inequalities in health outcomes.

PPPM205. Introduction to City Planning. 4 Credits.
Introduction to planning, using urban issues as lenses to explore transportation, housing, environment, and social equity as critical elements shaping where and how people live.

PPPM280. Introduction to the Nonprofit Sector. 4 Credits.
Overview of the nonprofit sector includes its origin, growth, oversight, and varied elements. Examines theory and research into the effectiveness of nonprofit strategies and structures.

PPPM322. Introduction to Public Service Management. 4 Credits.
Theories relevant to the effective management of large and small organizations that deliver service to the public.

PPPM325. Community Leadership and Change. 4 Credits.
Explores sustainable change at the community level by examining local systems and institutions: transportation, social influences, environment, housing, and the economy.

PPPM327. Global Leadership and Change. 4 Credits.
Explores the role of leadership in global social, economic, and ecological sustainability. Considers population, consumption, technology, diversity, scale, nonviolent change, and community.

PPPM331. Environmental Management. 4 Credits.
Introduction to environmental management. Focuses on solutions to problems in managing population, pollution, and resources.

PPPM340. Climate-Change Policy. 4 Credits.
Overview of climate-change policy; topics include cap and trade, carbon tax, fuel efficiency standards, biofuel standards, and renewable portfolio standards.

PPPM399. Special Studies: [Topic]. 1-5 Credits.
Repeatable.

PPPM401. Research: [Topic]. 1-21 Credits.
Repeatable.

PPPM403. Thesis. 1-12 Credits.
Repeatable.

PPPM404. Internship: [Topic]. 1-12 Credits.
Supervised work experience that offers students opportunities to explore and clarify career goals, apply academic learning, enhance and learn new skills, gain experience, and network with professionals. Repeatable.
Prereq: PPPM 412.

PPPM405. Reading and Conference: [Topic]. 1-21 Credits.
Repeatable.

PPPM406. Special Problems: [Topic]. 1-21 Credits.
Repeatable.

PPPM407. Seminar: [Topic]. 1-5 Credits.

PPPM408. Workshop: [Topic]. 1-21 Credits.
Repeatable.

PPPM410. Experimental Course: [Topic]. 1-5 Credits.
Repeatable. Trial courses are taught under these numbers. See the online class schedule for current titles.

PPPM412. Internship and Professional Development. 1 Credit.
Introduction to the department's internship program and career development. Includes overview of professionalism and effective communication, resume and cover letter writing, and interviewing and networking skills.

PPPM413. Quantitative Methods. 4 Credits.
Introduction to the use of quantitative techniques to answer planning, public policy and management related questions.

PPPM415. Policy and Planning Analysis. 4 Credits.
Applied problem-solving in the public policy and planning process. Examines the theoretical and methodological underpinnings of policy and planning analysis.
Prereq: EC 201.

PPPM418. Introduction to Public Law. 4 Credits.
Administrative law, including introduction to legal research, for public administrators. Administrative procedures, implementation of policy through administrative law, judicial review, and practical applications in public agencies.

PPPM419. Community Planning Workshop. 1-5 Credits.
Cooperative planning endeavors. Students define problems, determine appropriate research methods, identify the groups that promote or resist change, test alternative solutions, and prepare a final plan or project. Repeatable once for maximum of 10 credits. Repeatable.

PPPM422. Grant Proposal Writing. 1 Credit.
Introduction to the process of preparing grant applications and material for funded research.

PPPM425. Project Management. 4 Credits.
Application of specific techniques that lead to projects being completed on time, within budget, and with appropriate quality.

PPPM426. Strategic Planning for Management. 4 Credits.
Process of strategic planning for communities, government agencies, and nonprofit organizations.

PPPM432. Justice and Urban Revitalization. 4 Credits.
Examines the political, economic, institutional and social forces that affect the long-term vitality of cities and communities and how those factors relate to community redevelopment. Emphasis is given on how to revitalize low-income multicultural communities.

PPPM434. Urban Geographic Information Systems. 4 Credits.
Introduction to geographic information systems in areas of environmental, demographic, suitability, and transportation-related research.

PPPM438. Transportation Issues in Planning: [Topic]. 4 Credits.
Introduction to the social implications of various transportation-related policies and practices. Repeatable for a maximum of 8 credits.

PPPM440. Land-Use Policy. 4 Credits.
Planning in urban, rural, and connecting environments. Functions, distribution, relationships of land uses; social, economic, fiscal, physical consequences of alternative land use development patterns.

PPPM441. Growth Management. 4 Credits.
Examines motivations for managing growth. Surveys regulatory and incentive-based approaches to growth management at the state, regional, and local level.
Prereq: PPPM 205.

PPPM442. Sustainable Urban Development. 4 Credits.
Introduces issues revolving around cities as the nexus for environmental challenges, including land-use planning, transportation planning, community and neighborhood design, and green buildings.

PPPM443. Natural Resource Policy. 4 Credits.
Aspects of population and resource systems. Poses questions about population trends, policy, and optimum size; analyzes methods for determining resource availability and flows.

PPPM444. Environmental Policy. 4 Credits.
Overview of policies related to the environment: examines the design and effectiveness of specific policies.

PPPM445. Green Cities. 4 Credits.
Examines the history and future of the interface between urban growth and environmental concerns, and the technological, social, and political forces that continue to shape it.

PPPM446. Socioeconomic Development Planning. 4 Credits.
Planning for responsible economic and social development. Policy problems and issues in providing a stable economic base and social and economic well-being while avoiding environmental degradation.

PPPM448. Collaborative Planning and Management. 4 Credits.
Explores theory and practice of collaboration. Presents a variety of collaboration settings with a focus on environmental and natural resource management.

PPPM452. Public Participation in Diverse Communities. 4 Credits.
Review of community engagement strategies and tools for encouraging public participation in low income and ethnically diverse communities.

PPPM455. Social Planning and Policy: [Topic]. 4 Credits.
Topics may include health, crime, youth, inequality, international development, or terrorism. Repeatable twice for a total of 12 credits.

PPPM460. Health Policy. 4 Credits.
Introduction to the key health policy issues of access, cost, quality, and racial and ethnic disparities.

PPPM465. Program Evaluation. 4 Credits.
Introduction to the design and implementation of program evaluations.

PPPM480. Nonprofit Management I. 4 Credits.
How to manage nonprofit organizations for superior performance in a humane, responsive, and responsible manner. Distinctive characteristics of nonprofit organizations.
Prereq: PPPM 280.

PPPM481. Fundraising for Nonprofit Organizations. 4 Credits.
Introduction to fundraising for nonprofit organizations. Annual giving, major gifts, planned giving, and campaigns.

PPPM484. Public and Nonprofit Financial Management. 4 Credits.
Introduction to financial management for public agencies and nonprofit organizations. Topics include budget processes, financial statements, financial resource management (taxes, donations, grants), expenditure systems, and capital project analysis.

PPPM486. Philanthropy and Grant Making. 2 Credits.
History, economics, and practice of philanthropy and grant making in the United States. Students study philanthropy from a multidisciplinary perspective and finish the quarter by awarding a $15,000 grant to a nonprofit organization of their choice.

PPPM494. Practice of Leadership and Change. 4 Credits.
Examines the principles and practices of leadership and change in communities and organizations through discussions with community leaders and personal reflection.
Prereq: major status, senior standing preferred.

PPPM503. Thesis. 1-16 Credits.
Repeatable.

PPPM507. Seminar: [Topic]. 1-5 Credits.
Repeatable.

PPPM508. Workshop: [Topic]. 1-21 Credits.
Repeatable.

PPPM510. Experimental Course: [Topic]. 1-5 Credits.
Repeatable. Trial courses are taught under these numbers. See the online class schedule for current titles.

PPPM518. Introduction to Public Law. 4 Credits.
Administrative law, including introduction to legal research, for public administrators. Administrative procedures, implementation of policy through administrative law, judicial review, and practical applications in public agencies.

PPPM522. Grant Proposal Writing. 1 Credit.
Introduction to the process of preparing grant applications and material for funded research.

PPPM525. Project Management. 4 Credits.
Application of specific techniques that lead to projects being completed on time, within budget, and with appropriate quality.

PPPM526. Strategic Planning for Management. 4 Credits.
Process of strategic planning for communities, government agencies, and nonprofit organizations.

PPPM532. Justice and Urban Revitalization. 4 Credits.
Examines the political, economic, institutional and social forces that affect the long-term vitality of cities and communities and how those factors relate to community redevelopment. Emphasis is given on how to revitalize low-income multicultural communities.

PPPM534. Urban Geographic Information Systems. 4 Credits.
Introduction to geographic information systems in areas of environmental, demographic, suitability, and transportation-related research.

PPPM538. Transportation Issues in Planning: [Topic]. 4 Credits.
Introduction to the social implications of various transportation-related policies and practices. Repeatable for a maximum of 8 credits.

PPPM540. Land-Use Policy. 4 Credits.
Planning in urban, rural, and connecting environments. Functions, distribution, relationships of land uses; social, economic, fiscal, physical consequences of alternative land use development patterns.

PPPM541. Growth Management. 4 Credits.
Examines motivations for managing growth. Surveys regulatory and incentive-based approaches to growth management at the state, regional, and local level.

PPPM542. Sustainable Urban Development. 4 Credits.
Introduces issues evolving around cities as the nexus for environmental challenges, including land-use planning, transportation planning, community and neighborhood design, and green buildings.

PPPM543. Natural Resource Policy. 4 Credits.
Aspects of population and resource systems. Poses questions about population trends, policy, and optimum size; analyzes methods for determining resource availability and flows.

PPPM544. Environmental Policy. 4 Credits.
Overview of policies related to the environment: examines the design and effectiveness of specific policies.

PPPM546. Socioeconomic Development Planning. 4 Credits.
Planning for responsible economic and social development. Policy problems and issues in providing a stable economic base and social and economic well-being while avoiding environmental degradation.

PPPM548. Collaborative Planning and Management. 4 Credits.
Explores theory and practice of collaboration. Presents a variety of collaboration settings with a focus on environmental and natural resource management.

PPPM552. Public Participation in Diverse Communities. 4 Credits.
Review of community engagement strategies and tools for encouraging public participation in low income and ethnically diverse communities.

PPPM555. Social Planning and Policy: [Topic]. 4 Credits.
Topics may include health, crime, youth, inequality, international development, or terrorism. Repeatable twice for a total of 12 credits.

PPPM560. Health Policy. 4 Credits.
Introduction to the key health policy issues of access, cost, quality, and racial and ethnic disparities.

PPPM565. Program Evaluation. 4 Credits.
Introduction to the design and implementation of program evaluations.

PPPM581. Fundraising for Nonprofit Organizations. 4 Credits.
Introduction to fundraising for nonprofit organizations. Annual giving, major gifts, planned giving, and campaigns.

PPPM586. Philanthropy and Grant Making. 2 Credits.
History, economics, and practice of philanthropy and grant making in the United States. Students study philanthropy from a multidisciplinary perspective and finish the quarter by awarding a $15,000 grant to a nonprofit organization of their choice.

PPPM601. Research: [Topic]. 1-16 Credits.
Repeatable.

PPPM604. Internship: [Topic]. 1-10 Credits.
Supervised work experience that offers students opportunities to explore and clarify career goals, apply academic learning, enhance and learn new skills, gain experience, and network with professionals. Repeatable.

PPPM605. Reading and Conference: [Topic]. 1-16 Credits.
Repeatable.

PPPM606. Special Problems: [Topic]. 1-16 Credits.
Repeatable.

PPPM607. Seminar: [Topic]. 1-5 Credits.
Repeatable.

PPPM608. Workshop: [Topic]. 1-16 Credits.
Repeatable. A recent topic is Community Planning.

PPPM609. Terminal Project. 1-16 Credits.
Repeatable.

PPPM610. Experimental Course: [Topic]. 1-5 Credits.
Repeatable.

PPPM611. Introduction to Planning Practice. 4 Credits.
Explores the concepts and functions of the planning process as they relate to the social, economic, political, and environmental aspects of communities and regions.

PPPM612. Legal Issues in Planning. 4 Credits.
Federal and state legal relationships, the role of the courts in reviewing public sector decision-making, sources of the law, issues in land-use regulation, and basic legal research skills.

PPPM613. Planning Analysis I. 5 Credits.
Data sources and methods of data collection including surveys; descriptive and multivariate analysis; computer applications; selected analytic models, population projections, cost-benefit analysis.

PPPM614. Planning Analysis II. 5 Credits.
Applications of geographic information system technology. Sequence with PPPM 613.

PPPM616. Planning Theory and Ethics. 4 Credits.
Logic of the planning process; the relationship of planning to the political process and to rational decision making in governance.

PPPM617. Human Settlements. 4 Credits.
Historical development of cities and the ways in which city and regional contexts influence economic, social, and political processes.

PPPM618. Public Sector Theory. 4 Credits.
Overview of the core concepts, theories, and practices that provide the foundation for the field of public policy and management.

PPPM620. Research Methods in Planning I. 1-4 Credits.
Communicate, execute, and evaluate research in the public sector. Students conduct original research projects from problem formulation through data analysis.

PPPM621. Research Methods in Planning II. 3-4 Credits.
Students explore research topics and develop proposals for terminal project. Sequence with PPPM 620.

PPPM623. Professional Development. 1 Credit.
Articulating preliminary career goals and mapping the necessary steps to accomplish these goals.

PPPM625. Community Planning Workshop. 5 Credits.
First in a two-term sequence of planning and problem-solving courses. Students working in teams conduct research and develop solutions to planning problems for a client community. Sequence with PPPM 626.

PPPM626. Community Planning Workshop. 5 Credits.
Last in a two-term sequence of planning and problem-solving courses. Students working in teams conduct research and develop solutions to planning problems for a client community. Sequence with PPPM 625.
Prereq: PPPM 625.

PPPM628. Public Sector Economics. 4 Credits.
Reasons for governmental intervention and analysis of revenue sources available to governments. Includes discussion of various taxes, intergovernmental transfer policies, and user fees.

PPPM629. Public Budget Administration. 4 Credits.
Resource allocation through the budget process. Analysis of budget systems, service costing, and citizen participation in the budget process.

PPPM633. Public Management. 4 Credits.
Theory and practice of public service managment; leadership and organizational capacity building, including key management activities for developing effective public service organizations.

PPPM636. Public Policy Analysis. 4 Credits.
Techniques in the policymaking process. Determining the impact of policies, comparing alternatives, determining the likelihood that a policy will be adopted and effectively implemented.
Prereq: PPPM 628 or equivalent.

PPPM637. MPA Policy Analysis Project. 1 Credit.
Students team to produce a professionally oriented policy analysis memorandum and presentation on an assigned topic in a 48-hour period.
Prereq: PPPM 636.

PPPM638. MPA Capstone Applied Research Project I. 5 Credits.
Team prepare applied research projects for client organizations using analytical and managerial skills to solve problems in public policy analysis or public management. Sequence with PPPM 639.
Prereq: PPPM 618, 629, 633, 636, 657, 684.

PPPM639. MPA Capstone Applied Research Project II. 5 Credits.
Teams prepare applied research projects for client organizations using analytical and management skills to solve problems in public policy analysis or public management. Sequence with PPPM 638.
Prereq: PPPM 638.

PPPM645. Sustainable Cities. 4 Credits.
Examines the nexus of sustainability and planning in theory and practice. Explores how cities incorporate principles of sustainability in various systems and policies.

PPPM656. Quantitative Methods. 5 Credits.
Develops skills in quantitative analysis. Emphasizes selecting appropriate analysis procedures and properly interpreting and reporting results.

PPPM657. Research Methods in Public Policy and Management. 4 Credits.
Survey of research methods used in the analysis of public policy issues. Emphasis is on determining the appropriate methodology for a given research question.
Prereq: PPPM 656.

PPPM680. Managing Nonprofit Organizations. 4 Credits.
Principles of effective management of nonprofit organizations. Governance, strategy, legal structure and standards, and volunteer administration.

PPPM684. Public and Nonprofit Financial Management. 4 Credits.
Financial management overview for public agencies and nonprofits, including budget processes, financial statements, resource management, expenditure systems, capital project analysis, and internal management control processes.

PPPM687. Nonprofit Board Governance. 1 Credit.
Students serve on governing boards of nonprofit organizations for one year: fall, winter, and spring terms.

PPPM688. Nonprofit Consultancy. 4 Credits.
Student teams complete projects for nonprofit organizations, assessing organizational needs and capacity, evaluating alternative strategies, and recommending solutions for organizational success.

PPPM690. Student Research Colloquium. 1-3 Credits.
Presentation by advanced master's degree candidates of designs and conclusions resulting from thesis research projects. Repeatable for maximum of 3 credits.

Product Design

John Arndt, Program Director
541-346-1724
251E Lawrence Hall
5282 University of Oregon
Eugene, Oregon 97403-5232

The Product Design Program rigorously explores the invention, production, and use of products. It integrates the theories and applied practices in the design, art, and architecture disciplines, creating collaborative opportunities across campus with the business school and the anthropology and chemistry departments. The critical research and design work produced by students and faculty members has an impact on both the local and international design communities.

The program exposes and expands on the significance of materials in products, helping students develop an understanding of how aspects of sustainability and ergonomics, tactile and visual aesthetics, and structural integrity can influence their choices in materials.

Program Overview

The program offers a bachelor of arts (BA) or bachelor of science (BS) degree in material and product studies on the Eugene campus, and a bachelor of fine arts (BFA) degree in product design in Portland. The degrees in material and product studies are four-year liberal arts programs designed to prepare students for the BFA program in product design. Students enrolled in either material and product studies degree option share a foundation in design, graphics, drawing, and art history with majors in both architecture and art.

Eugene

Students studying for the bachelor's degree in material and product studies are well-equipped with computer and digital-imaging labs, new digital computer-controlled mill, laser cutter, wood shop, digital loom, metals and ceramics shops, large-format printing facility, and other specialized art studios in Lawrence Hall and the Northsite studio complex. The Eugene campus has strong undergraduate and graduate degree programs in architecture, art, ceramics, digital arts, fibers, interior architecture, metalsmithing and jewelry, painting, photography, printmaking, and sculpture. In addition, students have access to other university resources, such as the architecture and allied arts and main libraries, Student Recreation Center, Erb Memorial Union, and Craft Center.

Portland

Students pursuing the fifth-year product design BFA degree work at the university's new facility in Portland's Old Town Historic District. The White Stag Block houses studio facilities, digital fusion laboratory, classrooms, library, exhibit and research spaces, and work areas for students and faculty members. An integrated shop and an output center for two- and three-dimensional computer numerical controlled production are available. Product design students benefit by interacting with students of other professional disciplines, such as digital arts and architecture. An internship component of the BFA program gives students access to design professionals and direct experience at leading Northwest design companies.

Preparation

High school and college students interested in product design should prepare themselves by taking courses in the following subjects:

- Fine arts and design (e.g., drawing, painting, sculpture, two- and three-dimensional design, fiber arts, metal arts, ceramics, drafting, art history, architecture, furniture or interior design)
- Social sciences (e.g., sociology, psychology, cultural anthropology)
- Sciences and mathematics (e.g., physics, algebra, geometry)
- Humanities (e.g., literature, writing)

To better understand the professional field, prospective students may plan to visit and discuss opportunities with local designers and firms practicing product design.

Product design students are required to own a laptop computer. If students purchase recommended equipment, they are eligible for technical support from our computing staff. Recommended systems are listed on the program's website. Purchase of a digital camera to record studio work and use for classroom assignments is strongly advised.

Faculty

John Arndt, associate professor (product design). BFA, 1997, Alfred; MDes, 2006, Design Academy Eindhoven. (2008)

Wonhee Jeong Arndt, assistant professor. BFA, 2002, Kookmin; MDes, 2006, Design Academy Eindhoven. (2014)

Elizabeth Esponnette, associate professor (product design). BS, 2010, Cornell; MFA, 2015, Stanford. (2015)

Trygve Faste, assistant professor (product design). BA, 1997, Whitman College; MFA, 2004, Cranbrook Academy of Art. (2010)

Kiersten Muenchinger, Tim and Mary Boyle Chair in Material and Product Studies; associate professor (product design). BA, 1993, Dartmouth College; MS, 1998, Stanford. (2008)

Erdem Selek, associate professor (product design). BID, 2004, Middle East Technical; MA, 2007, Ecole Supérieure d'Art et de Design; MS, 2008, Istanbul Technical. (2015)

Hale Selek, associate professor (product design). BID, 2004, Middle East Technical; MA, 2007, Ecole Supérieure d'Art et de Design; MS, 2008, Istanbul Technical. (2015)

The date in parentheses at the end of each entry is the first year on the University of Oregon faculty.

- **Bachelor of Arts in Material and Product Studies** (p.)
- **Bachelor of Science in Material and Product Studies** (p. 482)
- **Bachelor of Fine Arts in Product Design** (p. 482)

Undergraduate Studies

Application for Product Design Major

The major in product design is an intensive, limited-enrollment program. Acceptance is competitive and based on documented evidence of potential to excel in the field. Admission screening takes place once a year and requires review of a portfolio of visual materials submitted by each applicant. These portfolios should display promise and creativity, but need not demonstrate extensive experience in design or product-related projects. Applications that don't include visual materials are not reviewed.

Students apply directly to the Product Design Program for admission as majors. The postmark deadline for applications is January 15 for fall term admission. Visit the program website for the application form and instructions.

BFA Application

Admission to the bachelor of fine arts program requires an application that includes a portfolio review of the student's work, usually in the last term of the fourth year of study. Students who have completed a comparable four-year degree in material and product studies at another institution may be admitted to the fifth-year BFA program. Such BFA candidates must satisfy the university's 45-credit residence requirement. Students accepted to the BFA program from schools other than the University of Oregon should speak with an advisor to determine how their credits will transfer. Prerequisites may require the student to spend more than one year in the program.

Bachelor of Arts in Material and Product Studies Requirements

Students must complete a minimum of 180 credits, which include general-university requirements for a bachelor of arts or bachelor of science degree.

Core Courses		
ART115	Surface, Space, and Time	4
ART116	Core Interdisciplinary Laboratory	4
IARC204	Understanding Contemporary Interiors	4
PD223	Beginning Design Drawing	4
PD240	Designers' Tools	4
ARTD250	Print Media Digital Arts	4
ARH358	History of Design	4
Select one of the following:		4
Product design studio course (PD)		
Ceramics studio course (ARTC)		
Fibers studio course (ARTF)		
Metalsmithing and jewelry studio course (ARTM)		
Sculpture studio course (ARTS)		
Art history course		4
Upper-Division Studio Courses		
PD301	Introduction to Design Studio	4
PD323	Design Drawing	4
PD340	Design for Use	4
PD350	Objects and Impacts	4
PD370	Design Process	4
PD430	Computer-Assisted Design and Production	4
IARC447	Color Theory and Application for the Built Environment	3
orARTP281	Introductory Painting I	
PD483	Senior Studio I	4
PD484	Senior Studio II	4
PD485	Senior Studio III	4
Select five of the following studio electives: [1, 2]		20
Product design electives (PD)		
Art electives (ART)		
Ceramics electives (ARTC)		
Fibers electives (ARTF)		
Interior architecture electives (IARC)		
Metalsmithing and jewelry electives (ARTM)		
Sculpture electives (ARTS)		
Other Requirements		
BA101	Introduction to Business	4
ANTH161	Introduction to Cultural Anthropology	4

BA317	Marketing: Creating Value for Customers	4
Total Credits		**107**

1. With product design advisor approval, students may select electives from any studio course taught in the School of Architecture and Allied Arts. Students are welcome to propose studio courses from outside the school to fulfill product design electives, although they require approval by the advisor.
2. Electives must be 300- or 400-level courses.

Bachelor of Science in Material and Product Studies Requirements

Core Courses		
ART115	Surface, Space, and Time	4
ART116	Core Interdisciplinary Laboratory	4
IARC204	Understanding Contemporary Interiors	4
PD223	Beginning Design Drawing	4
PD240	Designers' Tools	4
ARTD250	Print Media Digital Arts	4
ARH358	History of Design	4
Select one of the following:		4
Product design studio course (PD)		
Ceramics studio course (ARTC)		
Fibers studio course (ARTF)		
Metalsmithing and jewelry studio course (ARTM)		
Sculpture studio course (ARTS)		
Art history course		4
Upper-Division Studio Courses		
PD301	Introduction to Design Studio	4
PD323	Design Drawing	4
PD340	Design for Use	4
PD350	Objects and Impacts	4
PD370	Design Process	4
PD430	Computer-Assisted Design and Production	4
IARC447	Color Theory and Application for the Built Environment	3
orARTP281	Introductory Painting I	
PD483	Senior Studio I	4
PD484	Senior Studio II	4
PD485	Senior Studio III	4
Select five of the following studio electives: [1, 2]		20
Product design electives (PD)		
Art electives (ART)		
Ceramics electives (ARTC)		
Fibers electives (ARTF)		
Interior architecture electives (IARC)		
Metalsmithing and jewelry electives (ARTM)		
Sculpture electives (ARTS)		
Other Requirements		
BA101	Introduction to Business	4
ANTH161	Introduction to Cultural Anthropology	4

BA317	Marketing: Creating Value for Customers	4
Total Credits		**107**

1. With product design advisor approval, students may select electives from any studio course taught in the School of Architecture and Allied Arts. Students are welcome to propose studio courses from outside the school to fulfill product design electives, although they require approval by the advisor.
2. Electives must be 300- or 400-level courses.

BFA Product Design Requirements

Students must complete a minimum of 220 credits, including requirements for the bachelor or arts or bachelor of science in material and product studies or its equivalent.

Three art history courses (ARH)		12
PD404	Internship: [Topic]	12
PD486–488	BFA Studio I-III	18
Total Credits		**42**

Courses

PD101. Introduction to Product Design. 4 Credits.
Examines how designers invent things that help people through lectures from designers, drawing assignments, photo documentation, model-making, storytelling, and computer-aided design; product innovation, creation, and sales; and protfolio creation. Laborabory, lecture.

PD198. Workshop: [Topic]. 1-12 Credits.
Repeatable.

PD199. Special Studies: [Topic]. 1-5 Credits.
Repeatable.

PD223. Beginning Design Drawing. 4 Credits.
Focuses on perspective, line weight, construction with primary shapes, and shading in the creation of three-dimensional objects.

PD240. Designers' Tools. 4 Credits.
Quick model-making and additive, subtractive, and mold-using fabrication methods are applied in the creation of products in three separate projects.
Prereq: ART 115, ART 116, PD 223.

PD301. Introduction to Design Studio. 4 Credits.
Students observe and design solutions for problems on campus in three team-based projects.
Pre- or coreq: PD 223, PD 240, PD 340, PD 350.

PD323. Design Drawing. 4 Credits.
Introduces specific techniques in drawing and modeling objects and their spatial context; the demonstration and implementation of various media and types of drawing. Repeatable once for a maximum of 8 credits.
Prereq: ART 115, 116, PD 223.

PD340. Design for Use. 4 Credits.
Provides the basic theoretical underpinnings for considering the socio-cultural background and design of products. Lectures and readings present main issues; discussions complete conceptual principals.

PD350. Objects and Impacts. 4 Credits.
Explores how design influences and is influenced by materials and manufacturing processes. Lectures, readings, and discussions present sustainability, aesthetic, and functional aspects of product design.
Prereq: PD 340.

PD360. Object Culture. 4 Credits.
Promotes a greater understanding of the material world and how everyday objects define culture.

PD370. Design Process. 4 Credits.
Introduces design processes, from theoretical to professional, using readings, guest lectures, and experimental new structures.
Pre- or coreq: PD 340, PD 350.

PD399. Special Studies: [Topic]. 1-5 Credits.
Repeatable.

PD400M. Temporary Multilisted Course. 1-5 Credits.
Repeatable.

PD401. Research: [Topic]. 1-12 Credits.
Repeatable with change of topic.

PD404. Internship: [Topic]. 1-12 Credits.
Repeatable with change of topic.

PD405. Reading and Conference: [Topic]. 1-6 Credits.
Repeatable with change of topic.
Prereq: instructor's permission.

PD406. Special Problems: [Topic]. 1-8 Credits.
Repeatable with change of topic.
Prereq: instructor's permission.

PD407. 407 Seminar: [Topic]. 1-4 Credits.

PD408. Workshop: [Topic]. 1-6 Credits.
Repeatable with change of topic.

PD410. Experimental Course: [Topic]. 1-6 Credits.

PD430. Computer-Assisted Design and Production. 4 Credits.
Meshes virtual design and physical design as students work on projects using shop tools and computer-aided design and manufacturing software and equipment.
Prereq: ART 115, ART 116, ARTD 250, PD 223.

PD440. Advanced Designers' Tools. 4 Credits.
Designing a production line for twenty identical items.
Prereq: PD 240, PD 350.

PD483. Senior Studio I. 4 Credits.
Design studio focuses on personal questions that are explored through active design development. Questions may relate to issues of user interface, sustainability, or societal problems. Sequence with PD 484, PD 485. Repeatable twice for a maximum of 12 credits.
Prereq: PD 240, PD 323, PD 340, PD 350, PD 370, PD 430 and senior standing in Product Design.

PD484. Senior Studio II. 4 Credits.
Design studio focuses on global questions explored through active development. Questions may relate to issues of user interface, sustainability, or societal problems. Only for seniors with declared major status in architecture, art, interior architecture, or product design. Sequence with PD 483, 485. Repeatable twice for a maximum of 12 credits.
Pre- or coreq: PD 240, PD 323, PD 340, PD 350, PD 370, PD 430, PD 483; senior standing in product design.

PD485. Senior Studio III. 4 Credits.
Design studio focuses on corporate questions that are explored through active design development. Questions may relate to issues of user interface, sustainability, or societal problems. Sequence with PD 483, 484. Repeatable twice for a maximum of 12 credits.
Pre- or coreq: PD 240, PD 323, PD 340, PD 350, PD 370, PD 430, PD 483, PD 484; senior standing in product design.

PD486. BFA Studio I. 6 Credits.
Explores problems that stress design development through innovation and the responsibility to solve complex societal, functional, and aesthetic issues. Seminar component fosters theoretical, professional, and creative discussion.
Prereq: BFA standing.

PD487. BFA Studio II. 6 Credits.
Second course in series of interactive studios in which students engage in independent project-based learning. Sequence with PD 486, PD 488.
Prereq: PD 486, BFA standing.

PD488. BFA Studio III. 6 Credits.
Third course in series of interactive studio in which students engage in independent project-based learning. Sequence with PD 486, PD 487.
Prereq: PD 487, BFA standing.

Charles H. Lundquist College of Business

Cornelis A. "Kees" de Kluyver, Dean
541-346-3300
350 Lillis Hall

The business college was established in 1914 as the School of Commerce. The name was changed to the School of Business Administration in 1921, then to the College of Business Administration in 1967. It was renamed the Charles H. Lundquist College of Business in 1994. Its academic programs are accredited by the Association to Advance Collegiate Schools of Business International—the undergraduate program since 1923, the graduate since 1962. The accounting programs have been separately accredited since 1989.

The Charles H. Lundquist College of Business offers programs of study leading to bachelor's degrees in accounting and business administration; a master of business administration; and master's and doctoral degrees in accounting, finance, management, marketing, and operations and business analytics. These programs provide a broad education in business management augmented by expertise in specific business disciplines. The study of business is supported by a liberal education that provides perspective on the societal effect of economic activity, both domestic and international.

To meet these broad educational objectives, the college requires that undergraduate majors take approximately 50 percent of their academic work outside the college. Within the college, professional courses focus on leadership and communication, analytical skills, knowledge in specific business disciplines, cross-disciplinary integration of business strategies, and the role of business in society. This educational foundation provides students with a skill set facilitating the transition from the university to the businessworld.

The Lillis Business Complex facilitates the ability of the Lundquist College of Business to deliver a world-class business education to its students. Designed to complement the college's team-based approach to learning, the complex enhances and enriches the business curriculum.

Research

Faculty members in the Lundquist College of Business carry on active programs of research,and are the recipients of numerous research awards.Their works are published in the leading academic journals of their disciplines, and many serve as editors or on the editorial boards of premier accounting, finance, management, marketing, and operations management journals.

Charles H. Lundquist College of Business Code of Professional Business Conduct: A Statement of Values

The Lundquist College of Business learning community is committed to a set of core values that guide members' interactions with one another. These values are as important in the Lundquist College community as they are in the business community. They help define members' actions in the community and what it means to be a business professional.

Integrity

Members of the Lundquist College community act with integrity and honesty, qualities that are essential in providing a basis for trust and go to the core of what is expected from business professionals.

Respect

Members of the community convey respect for the dignity of others. Relationships are based on mutual respect. Differences of opinion are discussed openly and civilly. These discussions focus on issues and are presented in a courteous manner. Community members are sensitive to the impact of words and actions on others.

Openness

Members of the community are encouraged to exchange ideas freely within the bounds of reasonable behavior, recognizing that learning requires an open environment.

Responsibility

Members act publicly and accept responsibility for their actions, understanding that the community keeps them accountable for their dealings. Members deliver on commitments and promises made to others.

Teamwork

The Lundquist College community is stronger when members work as a team, fostering attitudes that encourage community members to give and receive constructive criticism and develop creative solutions to challenges.

Facilities

Business Technology Center

Shandon Bates, Director, Information Services and Instructional Technology
541-346-3311

The center is dedicated to serving the needs of students and faculty and staff members of the Lundquist College. Staff members of the center oversee three networked labs, including a forty-four-seat group lab with thirty networked computers, two walk-up printing stations, a six-seat counter for using or charging personal technology, and two thirty-one-seat labsthat may be reserved forsoftware demonstration sessions. All laboratory systems run Windows 7, MS Office 2013, and all the software necessary to complete business courses.The lab houses two high-capacity black-and-white printers and onecolor printer, and provides binding services for a fee. Four electronically enhanced study rooms may be reserved for the use of Lundquist College students at the front desk of the lab oronline.Mac and Dell video and power adapters, calculators, and presentation remotes are also available for checkout. Wireless networking is availablethroughout the Lillis Business Complex, and most Lillis classrooms are equipped with a resident computer, projector, document camera, and sound system to enhance presentation capabilities.

Development and External Relations

Kurt Zimmerman, Senior Director of Development
541-346-1346

This office acts as a liaison between the college and external constituencies such as alumni, donors, corporate partners, and the

greater business community. Responsibilities include fundraising, corporate and foundation relations, stewardship of donors, board relations, and communications. In addition, the office oversees the college's Portland initiative.

Centers for Excellence

John Hull, Assistant Dean, Centers for Excellence

Experiential learning is a cornerstone of the educational experience in the Lundquist College of Business. The college provides undergraduate and graduate students many opportunities to take learning beyond theory through its many student-run clubs and activities, internships, practicums, and most prominently through the Centers for Excellence.

Business Innovation Institute

John Hull, Executive Director
541-346-8953

The Business Innovation Institute is home to the four Centers of Excellence within the Lundquist College of Business—the Center for Sustainable Business Practices, the Finance and Securities Analysis Center, the Lundquist Center for Entrepreneurship, and the James H. Warsaw Sports Marketing Center. The institute's primary focus is the promotion of innovation, the driving force behind the advancement of leading-edge business practices in all fields. The four centers share the experiential approach to education, each bringing complementary strengths to theunion.

Center for Sustainable Business Practices

The center prepares MBA students to integrate environmental, social, and financial stewardship into competitive business strategies. The center offers a collaborative program focused on supply-chain and operations management, organizational change for sustainability, performance measurement and governance, and life-cycle analysis. For both the MBA and undergraduate business programs, the center provides the platform for practical experience on sustainability; it complements the curriculum by giving students real-world experience in industry with consulting projects and internships, seminars, center-sponsored speakers, study tours, and leadership and mentoriing opportunities.

Finance and Securities Analysis Center

Michele Henney, Program Manager
541-346-3281

TheFinance and Securities Analysis Center, created in partnership with industry professionals, provides students with practical experience in corporate finance, treasury managment, and investment management. The center augments the MBA curriculum by integrating finance and accounting. The center allows students to apply their academic course work to financial analysis and decision-making in real time, using state-of-the-art investment tools and analytics in close collaboration with the center's partners in industry.

Students may discover unique opportunities to leverage the classroom into direct experience. The opportunities include management of live equity portfolios through the University of Oregon Investment Group and Emerging Markets Equity Portfolio, the annual Engaging Asia tour, internships, seminars, visiting speakers, and mentoring opportunities. With this combination of scholarly research and industry experience, students receive thorough preparation for their careers as financial professionals and business leaders.

Lundquist Center for Entrepreneurship

Nathan Lillegard, Program Manager
541-346-3349

Developing new ideas, solving problems, and taking an innovative approach to business is what entrepreneurship is all about. The Lundquist Center for Entrepreneurship (LCE) helps students develop the tools, skills, and abilities to turn innovative ideas into reality, whether the idea is working for a Fortune 500 company or starting a business. Courses, internships, Entrepreneurs on Campus, and student-run clubs offer opportunities to develop entrepreneurial skills, attitude, and knowledge. The center's New Venture Championship is recognized as one of the top business-plan competitions in the world. By creating opportunities for participants to gain from the experience and wisdom of successful entrepreneurs, the LCE program helps make students more competitive in today's business world.

James H. Warsaw Sports MarketingCenter

The mission of the Warsaw Sports Marketing Center is to understand and advance sports marketing and sports business leadership through research, education, and interaction between students, faculty members, and successful sports business professionals. As the first endowed sports marketing program in a college of business at a major public university, the Warsaw center supports curricula that lead to a concentration in sports business for the bachelor's degree program and to a sports business concentration area in the MBA degree program. Sports business courses cover such topics as sponsorship, law, event marketing, international sports marketing, sports products, and sports finance. The center organizes research, sports-industry internships, guest speakers, and a variety of nonclassroom experiences for students. Each year, the center hosts the nationally recognized Women in Sports Business Symposium.

Undergraduate Programs

The Lundquist College of Business is widely recognized for its outstanding programs in business education. Students and faculty members from around the world come to study, research, and learn together. The college offers courses in business premajor studies, accounting, business administration, global management, sports business, management, entrepreneurship, marketing, finance, decision sciences, international business communications, and information systems. Students may earn a BA or BS degree with a major in either accounting or business administration. An honors program is offered for outstanding undergraduates. Student clubs and organizations provide opportunities to develop leadership and business skills outside of the classroom. A minor is offered for students in other majors. International students, regardless of major, may earn a letter certifying mastery in international business communication. A certificate in global management may be added to the business administration or accounting major.

Services for Undergraduate Students

Collette Niland, Assistant Dean, Undergraduate Program

Advising Office

203 Peterson Hall
541-346-3303

The Advising Office provides many services to students interested in studying business. Information is available about major and minor admission processes, degree requirements, scholarships, educational exchange programs, tutoring services, student organizations, and visiting speakers. Students are advised to drop in often and to read e-mail and Blackboard announcements to find the latest news about important events, deadlines, and policy changes.

Academic Advising

Professional advisors and peer advisors regularly meet with undergraduates to answer questions, plan academic programs, and track progress toward graduation. Students are urged to meet with a college of business advisor at least once a year to ensure that they are meeting requirements and to stay informed of program changes.

Braddock Tutoring Center

155 Lillis Hall

Free tutoring is available for business premajors and minorsin the areas of accounting, economics, finance, calculus, and statistics.

Career Services

240 Lillis Hall

Undergraduate students are encouraged to use the Lundquist College's career services programs as soon as they enroll at the University of Oregon. Professional career counseling, workshops, a speaker series, classes, and a resource library are available. Additional resources are offered through the university's Career Center.

Job Shadow

203 Peterson Hall

The Job Shadow programprovides business premajors with practical opportunities to learn about careers in business. Participants are paired with business professionals and spend a day together on the job, gaining valuable career development education prior to the experience. Job Shadow opportunities are available in a wide range of industries and locations.

Internships

Internships provide a valuable opportunity to enhance the undergraduate experience. Business students are strongly encouraged to participate in internships as a part of their business education. Career advising and databases of employment opportunites provide assistance in the process of identifying and securing internship experiences that complement educational and career goals.

Scholarships

Each year the Lundquist College of Business awards scholarships to outstanding students majoring in accounting or business administration. Typically, the college awards approximately seventy scholarships that range from $500 to $5,000. Scholarships are made possible through generous donations by alumni and other friends of the Lundquist College of Business. Although criteria vary by scholarship, the primary emphasis is academic performance and demonstrated potential for success in a business career. Financial need may be considered, but it is typically a secondary consideration when making awards. Scholarship applications are available winter term. Scholarships are awarded in the spring. The accounting department has additional scholarship opportunities for its majors. A list of scholarships is available in the Advising Office.

Student Organizations

Involvement in student organizations helps develop leadership and organizational skills and offers a professional network to students and members of the faculty and the business community. Students may choose from the following business student organizations: Alpha Kappa Psi, professional business fraternity; Beta Alpha Psi, accounting; Beta Gamma Sigma, honorary society for business administration; American Marketing Association; the Deans' Undergraduate Student Advisory Council; Entrepreneur Club; Sports Business Club; Sustainable Business Group; Toastmasters International; UO Investment Group; Women in Business; International Business and Economics Club; and E-Business Club.

Diversity

145 Lillis Hall

The Building Business Leaders Program matches underrepresented minority students with opportunities on campus and in the business community through programs, events, and seminars. Business premajors in this program receive academic support services such as tutoring, career development programs, and academic advising in addition to a seminar teaching students how to maximize their education.

Academic Opportunities

Honors Program

Deb Bauer, Director

Students in the business honors program are offered unique opportunities to enhance their educational experiences and prepare themselves for the growth and challenge of a career in business. A maximum of thirty-five students take nine of the core business courses as a cohort. Among the many advantages and benefits are smaller classes, select instructors, and opportunities to gain experience. Additional information is available online (https://business.uoregon.edu/ug/honors).

Study-Abroad Programs

The college maintains exchange relationships with several universities outside the United States that offer students opportunities to study business in another country. Popular study sites include Australia, China, Denmark, Germany, Italy,and Spain. Business students may choose to study language, culture, business, or a combination depending on the specific program selected. Many programs offer courses in English. Business students are encouraged to participate in international programs, including IE_3 Global Internships, offered through the Office of International Affairs. Students interested in careers in international business are particularly encouraged to take advantage of one of these programs while also completing the certificate of global management.

Students in UO study-abroad programs enroll in courses with subject codes unique to individual programs. Special course numbers are reserved for study abroad. See Study Abroad (p. 728) in the **Supplemental Academic Programming** section of this catalog.

Graduate Programs

James C. Bean, Senior Associate Dean, Academic Programs Graduate School of Management

The Graduate School of Management offers degree programs at the master's and doctoral levels and coordinates the graduate work of the five academic departments in the Lundquist College of Business.

Graduate instruction in every field of business is supported by courses in related fields offered elsewhere in the university.

The Graduate School of Management is accredited by AACSB International.

Activities of the Center for Sustainable Business Practices, James H. Warsaw Sports Marketing Center, Lundquist Center for Entrepreneurship, and Finance and Securities Analysis Center may be of interest to graduate students. The centers are described in the introductory section to the Charles H. Lundquist College of Business.

Master's Degree Programs

The Graduate School of Management offers course work leading to the master of accounting (MActg) and the master of business administration (MBA). In the Lundquist College of Business, master of arts (MA) and master of science (MS) degrees are available only to PhD candidates. Students must complete the requirements specified in the description of their degree program.

Doctoral Programs

Andrew Verner, Director
398C Anstett Hall
541-346-3251
The Lundquist College of Business offers a program of advanced graduate study and research leading to the degree of doctor of philosophy (PhD) for students preparing for careers in university teaching and research. The program is administered by the director of doctoral programs for the Lundquist College of Business, assisted by the PhD programs committee.

Program of Study

The PhD typically requires four or five years of intensive study beyond the master's degree. The program focuses on developing productive scholars, and it emphasizes both research and teaching skills. Doctoral students must demonstrate competence in scholarly research, and they must assume primary teaching responsibility for undergraduate business courses sometime during their program. Students are expected to work closely with faculty members whose interests are similar to their own. Applicants are advised to be as specific as possible about their areas of interest.

Concurrent Degree Programs

JD/MBA

In cooperation with the University of Oregon School of Law, a concurrent doctor of jurisprudence/master of business administration program makes it possible to earn both the JD and MBA degrees in four years instead of the five that would be required if each degree was completed separately. Students spend their first year in the School of Law and their second year in the Lundquist College of Business, or vice versa. The third and fourth years are spent taking advanced courses in both law and business.

It is a highly selective program; students must meet the admission requirements of both the School of Law and the Lundquist College of Business. Admission is allowed only for the fall term. Prospective students should consult the admissions staff of both the School of Law and the MBA program. Students interested in sustainability may obtain a JD/MBA with a sustainability specialization in both areas.

MBA/MActg

Students who wish to pursue both an MBA and master of accounting degree may do so concurrently if they meet the admissions requirements for both. Concurrent MBA/MActg students may save as much as two terms compared with the time required for both degrees independently.

MBA/MA or MS in Conflict and Dispute Resolution

Business students may augment their management skills by developing expertise in the management of conflict. The master of arts or master of science in conflict and dispute resolution is structured to prepare a new generation of practitioners, educators, and scholars. Grounded in dispute resolution theory, the program combines broad interdisciplinary training and opportunities for individualized study and skills development. Concurrent MBA/MA or MS students have the option of obtaining both degrees in three years rather than the four years required if earned separately. Students are required to meet the admission requirements of both the schools. Admission is allowed only for the fall term. Prospective students should consult the admissions staffs of the MBA program and the program in conflict and dispute resolution, housed in the School of Law.

MBA/MPA

Business students interested in bridging commercial enterprise and public administration may consider concurrent MBA and MPA degrees. The master of public administration (MPA) is a rigorous combination of academic theory, analytic skills, and real-world experiences, enabling students to become effective and creative leaders in public service. Concurrent MBA/MPA students have the option of obtaining both degrees in three years rather than the four years required if earned separately. Students must meet the admission requirements of both programs. Admission is allowed only for the fall term. Prospective students should consult the admissions staffs of the MBA program and the Department of Planning, Public Policy and Management.

MBA/MCRP

Business students also interested in management and leadership roles related to city planning and land development should consider concurrent MBA and MCRP degrees. The master of community and regional planning (MCRP) prepares policy-oriented planners for leadership positions in the public, nonprofit, and private sectors. The program differs from public policy programs primarily in its focus on spatial issues including but not limited to building form and land use. Students are required to meet the admission requirements of both programs. Admission is allowed only for the fall term. Prospective students should consult the admissions staffs of the MBA program and Department of Planning, Public Policy and Management.

MBA/MA or MS in Arts Management

Students interested in both business and the arts should consider furthering their careers with a master of business administration degree and a concurrent master of arts or master of science degree in arts management. The University of Oregon Arts and Administration Program—the only one of its kind in the Pacific Northwest—combines knowledge in the visual and performing arts with social, cultural, managerial, and educational concerns that pertain to administering both nonprofit and for-profit arts organizations and programs. The MA or MS degree in arts management is based on the underlying belief that professional arts managers must be familiar with the social, cultural, and ethical contexts of the arts in general—and the business context if combined with an

MBA. Students are required to meet the admission requirements of both programs. Admission is allowed only for the fall term. Prospective students should consult the admissions staffs of the MBA program and the Arts and Administration Program.

Administration of the Master's Degree Programs

The Charles H. Lundquist College of Business seeks diversity in its student population and evaluates applicants on their strengths. The college is interested in applicants' general intellectual ability, initiative and resourcefulness, creativity, seriousness of purpose, maturity, and capacity for growth. Oral and written communication skills are important. Students should have demonstrated a capacity for quantitative thinking and be able to take an orderly, analytical approach to solving problems and to generating alternative solutions. The ability to derive ideas from various sources and see important relationships is essential. Students should be self-motivated, with persistence and drive, and with some understanding of the broad social, political, and economic implications of decisions and actions. Work experience is highly desirable.

The college's master's degree students describe the programs as rigorous, supportive, interactive, close-knit, warm, committed to quantitative and qualitative management, and dedicated to a sense of community. Once admitted to a program, students are evaluated as they would be in the workplace: they are given continual feedback on areas in which they are excelling and areas that need improvement.

Admission Criteria

Master's Admission

The admission process is based on

1. Undergraduate academic performance: minimum overall grade point average (GPA) of 3.00; for the MActg, minimum accounting GPA of 3.00
2. Graduate Management Admission Test (GMAT) score: 550 or above for the MActg, 600 or above for the MBA
3. Two written recommendations from people who have worked closely with the applicant and can comment on his or her ability, accomplishments, and management potential
4. Completion of essay questions included in the application package
5. Work experience or demonstrated leadership ability
6. Potential to benefit from and add value to the college's learning community
7. Test of English as a Foreign Language (TOEFL), Pearson Test of English (PTE) or International English Language Testing System (IELTS) for international applicants
8. Personal interview

The applicant should also provide any other pertinent information for consideration. Applicants are judged on their academic abilities and promise; their potential for leadership and management; and their commitment, readiness, and motivation to complete the program.

Recent successful MActg applicants have had average undergraduate GPAs of 3.40, average GMAT scores above 600, and minimum scores of 96 on the Internet-based TOEFL.

Recent successful MBA applicants have had average undergraduate GPAs of 3.40, average GMAT scores of 630, minimum scores of 96 on the Internet-based TOEFL, and average work experience of four years.

Prerequisites

In addition to proficiency in mathematics and ability to use a computer, applicants must complete an online tutorial in accounting, economics, finance, and statistics in the summer before matriculation.

Admission Deadlines

A rolling admission system is used. The early-decision deadline is November 15; the deadline for international applicants is February 15. The deadline for domestic applicants is March 15. Admission for applicants whose applications are received after March 15 is granted only if space is available in the incoming class of students.

Doctoral Admissions

For admission to the doctoral program, the student must

1. Satisfy the admission requirements of the Lundquist College of Business and of the Graduate School
2. Be recommended by the department with primary responsibility for the area in which the candidate expects to earn a major
3. Provide evidence of scholarly promise

Recently admitted students averaged 700 on the Graduate Management Admissions Test (GMAT) or 1400 on the Graduate Record Examination (GRE). Approximately 8 percent of applicants are admitted into the PhD program; 30 percent of them are women, 45 percent are international students. International students whose native language is not English should have a good TOEFL score. The minimum score on the Internet-based TOEFL is 96; paper-based, 600; The TOEFL is preferred, but the International English Language Testing System (IELTS) is also accepted with a minimum score of 7.5.

PhD students receive financial support in the form of an appointment as a graduate teaching fellow. For 2014–15, typical appointments were 0.49 FTE and carried a stipend of approximately $19,00 plus waiver of tuition, and summer support of approximately $5,000 for newly admitted students. Graduate teaching fellows may assist faculty members in research and teaching and assume responsibility for teaching undergraduate business courses.

The deadline for application to the PhD program for fall term is the preceding January 5.

Inquiries concerning the program should be addressed to the Lundquist College of Business director of doctoral programs.

Program Planning

Students should plan their course of study with the director or assistant director of the program and the PhD coordinator of their major department.

Academic Performance

In addition to fulfilling Graduate School requirements, a student enrolled in a master's degree program is required to maintain a GPA of 3.00 for graduate courses that are counted toward the business degree.

Students whose GPAs fall below 3.00 in a graduate college of business degree program are automatically placed on probation. Their continued enrollment is subject to review by the graduate programs.

Students may formally appeal disqualification or other decisions relevant to their academic performance or program. A description of the probation

policy and appeal procedures is available in the graduate programs office.

Services for Graduate Students

Career Services

240 Lillis Hall
541-346-3301

Career Services provides the resources and services MBA students need to design and implement individual career plans. Seminars and career counseling focus on résumé writing, networking, interviewing skills, negotiations, job search strategies, and internships. Companies visit campus to share information and to recruit interns and full-time employees. Company information sessions and networking receptions facilitate relationship building and job-search success.

General University Regulations

See the **Graduate School** section of this catalog for general university regulations and information regarding registration, academic performance, and other matters applicable to university graduate students.

Courses

BA101. Introduction to Business. 4 Credits.
Historical, social, political, economic, and legal environments within which business operates. Interrelationships of the functional areas of management, finance, marketing, accounting, and international studies.

BA199. Special Studies: [Topic]. 1-5 Credits.
Repeatable.

BA215. Accounting: Language of Business Decisions. 4 Credits.
How the accounting model reflects business transactions or events. Interpretation and analysis of financial statements. Understanding cost and revenue information, organization, and decisions.
Prereq: BA 101.

BA240. Managing Business Information. 4 Credits.
Data-oriented approaches for structuring and analyzing information, with applications in the traditional functional areas of business, emphasizing modern techniques for developing fact-based decision models. Sophomore standing required.

BA315. Economy, Industry, and Competitive Analysis. 4 Credits.
Free enterprise capitalism and market competition. Economic value added, product cost, and product pricing. Organizational arrangements and the control of economic activity.
Prereq: BA 101.

BA316. Management: Creating Value through People. 4 Credits.
Management systems for planning, controlling, organizing, and leading; how they influence human behavior in organizations. Selecting, training, retaining, and motivating the human resource in organization.
Prereq: BA 101.

BA317. Marketing: Creating Value for Customers. 4 Credits.
Market analysis, target customer identification, and development of marketing-mix strategies to deliver superior customer value and contribute to the performance of the organization.
Prereq: BA 101.

BA318. Finance: Creating Value through Capital. 4 Credits.
Financial statement analysis, pro forma statements and capital budgeting, time value of money, net present-value analysis, risk and cost of capital.
Prereq: BA 101; BA 215 or ACTG 211.

BA352. Leadership and Communication. 4 Credits.
Personal leadership and communication skills. Focuses on self-awareness for leading, persuading, and working with others; effective business writing and speaking; and team development. Students may not receive credit both BA 352 and BA 352H.
Prereq: accounting and business administration majors only.

BA352H. Leadership and Communication. 4 Credits.
Develops essential business leadership behaviors, including self-awareness, critical thinking, supportive communication, creative problem solving, building power, and influence. Students may not receive credit both BA 352 and BA 352H.
Prereq: open only to students in the LCB honors program.

BA361. Cross-Cultural Business Communication. 4 Credits.
Theoretical and practical approach to value dimensions across cultures and their impact on communication in business and professional contexts. Develops intercultural business communication skills.
Prereq: WR 121 recommended.

BA362. Effective Business Writing. 4 Credits.
Theory and practice of writing effectively for U.S. and international business audiences; use of rhetorical, cultural, and organizational analysis to create persuasive business documents. Designed for nonnative speakers of English.
Prereq: WR 121 recommended.

BA363. Effective Business Presentations. 4 Credits.
Contrastive rhetoric approach to business presentations in U.S. and international settings. Students research and learn to present effectively for different purposes and global audiences. Designed for nonnative speakers of English.
Prereq: WR 121 recommended.

BA364. International Business Research. 4 Credits.
International, cross-cultural perspective to communicating information. Presents language, concepts, and strategies needed to conduct international business research and guidelines for communicating research findings.

BA365. Cross-Cultural Negotiation. 4 Credits.
Theory and practice of negotiating effectively across cultures. Research and analysis of culturally specific models for negotiating and experience using those models in cross-cultural simulations.
Prereq: WR 121 recommended.

BA399. Special Studies: [Topic]. 1-5 Credits.
Repeatable.

BA400M. Temporary Multilisted Course. 1-5 Credits.
Repeatable.

BA404. Internship: [Topic]. 1 Credit.

BA406. Special Problems: [Topic]. 1-12 Credits.
Repeatable.

BA407. Seminar: [Topic]. 1-4 Credits.

BA410. Experimental Course: [Topic]. 1-4 Credits.
Repeatable.

BA430. Leadership in Action. 4 Credits.
Integrates technical, critical-thinking, communication, leadership, and teamwork skills. Students complete substantive consulting projects with local nonprofit and government organizations.
Prereq: BA 352.

BA453. Business Strategy and Planning. 4 Credits.
Capstone course focusing on strategy formulation and decisional processes. Includes writing a business plan that applies knowledge and develops course of action to accomplish organizational objectives. Students cannot receive credit for both BA 453 and BA 453H.
Prereq: completion of 300-level business core courses, senior standing.

BA453H. Business Strategy and Planning. 4 Credits.
Provides conceptual tools for in-depth strategic analysis and interactive discussions from sources relevant to the challenge of developing and implementing strategy. Students cannot receive credit for both BA 453 and BA 453H.
Prereq: completion of 300-level business core courses, senior standing. Open only to students in the LCB honors program;

BA510. Experimental Course: [Topic]. 1-4 Credits.
Repeatable.

BA605. Reading and Conference: [Topic]. 1-16 Credits.
Repeatable.

BA607. Seminar: [Topic]. 1-5 Credits.
Repeatable.

BA608. Special Topics: [Topic]. 1-12 Credits.
Repeatable.

BA610. Experimental Course: [Topic]. 1-6 Credits.
Repeatable.

BA705. Reading and Conference: [Topic]. 1-6 Credits.
Repeatable.

BA707. Seminar: [Topic]. 1-6 Credits.
Repeatable.

BA708. Workshop: [Topic]. 1-6 Credits.
Repeatable.

BA710. Experimental Course: [Topic]. 1-9 Credits.
Repeatable.

BA711. Legal Environment of Business. 3 Credits.
Analysis of government policy and the legal environment in which business operates; the effects of law, government policy, and social forces on the formulation of business strategy and decision-making.

BA712. Financial Accounting and Reporting. 4 Credits.
Preparation, interpretation, and use of external financial statements and reports. Covers basic accounting principles, recording and reporting techniques underlying valuation and income determination.

BA713. Applied Statistics for Managers. 3 Credits.
Exposure to descriptive statistics, decision analysis, regression analysis, and forecasting. Emphasis on when and how to use statistics. Integrates statistical tools used to analyze business data with microcomputers.

BA714. Managerial Accounting. 3 Credits.
Introduction to cost accounting terminology; costing strategies, nontraditional costing systems, activity-based costing and product-service costing applications.

BA715. Managerial Economics. 3 Credits.
Covers micro- and macroeconomic analyses and the concepts of cost, demand, profit, and competition. Examines monetary and fiscal policy, the Federal Reserve System, and money and capital markets.

BA716. Managing Organizations. 2 Credits.
Organizations as complex social systems; leadership; managing individuals, groups, and teams; formal and informal processes and systems.

BA717. Marketing Management. 4 Credits.
Examines marketing analysis and planning necessary to develop marketing plans and strategies for a product-line. Includes basic marketing concepts and philosophies and brief exposure to macromarketing strategies.

BA718. Financial Analysis. 4 Credits.
Covers objectives, tools, methods, and problems of financial management. Includes fund acquisitions, dividend policy, capital acquisitions, taxes, mergers, and investment banking.

BA719. Marketing Strategy. 2 Credits.
Marketing strategies for product-service introduction, growth, maturity, and decline; managing product-service innovation and development; brand equity, relationship marketing.

BA720. Corporate Financial Strategy. 4 Credits.
Advanced topics in firm evaluation (e.g., acquisitions, restructuring) and financial risk management (e.g., hedging, derivatives, foreign projects) as related to global and domestic corporate strategies.

BA722. Leadership and Motivation. 2 Credits.
Focuses on elements of motivation and leadership that affect management decision-making and problem-solving.

BA723. Formulating Corporate Strategy. 3 Credits.
Focuses on how corporations choose to compete. Covers the analytical techniques and planning models appropriate for making this fundamental decision.

BA725. Implementing Corporate Strategy. 2 Credits.
Uses problems and cases to examine the implementation of corporate strategy, the strategy process and cycle, and implementation methods.

BA726. Global Business. 3 Credits.
Examines global competition and strategy, regional economic integration, cross-cultural challenges, foreign market entry, international joint ventures and strategic alliances, international dimensions in functional areas of business.

BA729. Negotiation. 3 Credits.
Explores the major theories and concepts of negotiation. Opportunities to practice deal-making and conflict resolution. Encourages improvement in communication and persuasion.

BA730. Business Ethics. 1 Credit.
Studies the derivation of values and the application of those values to individual choices. Emphasizes the conflict manager's experience when choosing between two alternatives.

BA740. Capstone Business Project. 1-9 Credits.
Repeatable. Focuses on integration of functional areas of business. Includes writing a plan that applies knowledge and develops a course of action to accomplish organizational objectives. Repeatable thrice for a maximum of 9 credits.
Prereq: offered only to students in the second year of the Oregon Executive M.B.A. program.

Courses

BE199. Special Studies: [Topic]. 1-5 Credits.
Repeatable.

BE325. Global, Legal, Social Environment of Business. 4 Credits.
Legal and ethical regulations of business organizations--including their human resource, finance, production, marketing, and environmental functions--in the United States and internationally.

BE401. Research: [Topic]. 1-21 Credits.
Repeatable.

BE405. Reading and Conference: [Topic]. 1-21 Credits.
Repeatable.

BE406. Special Problems: [Topic]. 1-21 Credits.
Repeatable.

BE407. Seminar: [Topic]. 1-4 Credits.
Repeatable.

BE409. Practicum: [Topic]. 1-21 Credits.
Repeatable.

BE410. Experimental Course: [Topic]. 1-4 Credits.
Repeatable.

BE503. Thesis. 1-16 Credits.
Repeatable.

BE510. Experimental Course: [Topic]. 1-4 Credits.
Repeatable.

BE601. Research: [Topic]. 1-16 Credits.
Repeatable.

BE603. Dissertation. 1-16 Credits.
Repeatable.

BE605. Reading and Conference: [Topic]. 1-16 Credits.
Repeatable.

BE607. Seminar: [Topic]. 1-5 Credits.
Repeatable.

BE608. Special Topics: [Topic]. 1-12 Credits.
Repeatable.

BE609. Practicum: [Topic]. 1-16 Credits.
Repeatable.

BE610. Experimental Course: [Topic]. 1-5 Credits.
Repeatable.

Accounting

David A. Guenther, Department Head
Advising Office
203 Peterson Hall

Accounting students are highly recruited by a variety of organizations—taking positions in public accounting firms, industry, and government. Accountants deal with issues ranging from the design of information systems to the formulation of acquisition strategies. Given the growing internationalization of business, career paths can even lead to exciting opportunities abroad. Accounting graduates of the University of Oregon include Phil Knight, Nike cofounder and chairman, and Charles H. Lundquist, the namesake of the UO business college.

The challenging curriculum emphasizes the development of skills in problem solving, analytical reasoning, and written and oral communication. Students participate in various real-world projects and obtain considerable computer experience. The relatively small size of the program allows meaningful student-faculty interaction. The Department of Accounting is one of only 120 accounting programs accredited by AACSB International.

Faculty

Peter Brandt, instructor (financial accounting). BS, 1965, North Dakota. (2007)

Robin P. Clement, senior lecturer (financial accounting theory, consolidations). BSBA, 1979, Ohio State; MBA, 1983, Wisconsin, Milwaukee; PhD, 1994, Michigan State. (2003)

Bruce L. Darling, instructor (financial, auditing, information systems). BA, 1973, College of Wooster; MBA, 1990, MAFIS, 1994, Cleveland State; CPA, Ohio, Oregon. (2007)

Angela K. Davis, associate professor (financial reporting, valuation). BS, 1993, Idaho; PhD, 2001, Washington. (2006)

David A. Guenther, Scharpf-Knight Professor in Business (taxation, financial reporting). BA, 1976, Califonia State, San Bernardino; PhD, 1990, Washington. (2005)

Michele C. Henney, senior lecturer (auditing, taxation, financial accounting). BS, 1982, Califonia State; MS, 1988, Golden Gate; PhD, 1994, Oregon; CPA, Oregon. (2004)

Nicole Bastian Johnson, assistant professor (managerial incentives, performance evaluation). BS, 1996, MAcc, 1996, Brigham Young; MS, 2002, PhD, 2005, Stanford. (2013)

Drummond Kahn, instructor (auditing). BA, 1989, Whitman; MS, 1990, Oregon. (2000)

Linda K. Krull, Alumni Investment Management Professor; associate professor (taxation, financial accounting). BS, 1992, Indiana, Bloomington; MAcc, 1994, Florida; PhD, 2001, Arizona. (2008)

Steven R. Matsunaga, professor' Charles E. Johnson Memorial Accounting Professorship (executive compensation, managerial incentives). BA, 1979, San Francisco State; MBA, 1984, William and Mary; PhD, 1992, Washington (Seattle). (1992)

Kyle Peterson, assistant professor (financial reporting and disclosure). BS, 2001, MAcc, 2001, Brigham Young; PhD, 2008, Michigan, Ann Arbor. (2008)

Mark Shumaker, instructor (financial and managerial accounting). BA, 1970, Ohio. (2008)

Joel Sneed, senior instructor (financial and international accounting, corporate and individual taxation, accounting information systems). BS, 1986, MA, 1988, Appalachia State; PhD, 2001, Arizona. (2000)

Michael P. Tomcal, instructor (financial accounting, cost accounting, federal taxation). BS, 1982, DePaul; MEd, 2005, Oregon State; MActg, 2005, Oregon. (2006)

Ryan J. Wilson, associate professor (taxation, financial accounting). BS, 1999, Oregon; PhD, 2007, Washington (Seattle). (2013)

Emeriti

Helen Gernon, professor emerita. BBA, 1968, Georgia; MBA, 1972, Florida Atlantic; PhD, 1978, Pennsylvania State; CPA, Florida. (1978)

Raymond D. King, professor emeritus. BS, 1971, Montana State; MBA, 1974, Montana; PhD, 1980, Oregon; CPA, Montana. (1982)

Dale Morse, professor emeritus. BA, 1969, MBA, 1975, Oregon; PhD, 1978, Stanford. (1991)

Terrence B. O'Keefe, professor emeritus. BA, 1963, Wittenberg; MS, 1967, PhD, 1970, Purdue. (1980)

The date in parentheses at the end of each entry is the first year on the University of Oregon faculty.

- **Bachelor of Arts**
- **Bachelor of Science**

Undergraduate Programs

Academic Requirements

To earn an undergraduate degree in the Lundquist College of Business, a student must be an admitted major in good academic standing with the college and the university. Two sets of requirements must be completed: general university requirements and college requirements.

The college is firmly committed to an undergraduate degree program in business based on a solid foundation in the arts and sciences. Students may not earn two majors in the Lundquist College of Business; in other words, a student who has an undergraduate degree in business administration cannot earn another undergraduate degree from the college. See the **Bachelor's Degree Requirements** section of this catalog for specific requirements for bachelor's degrees and for general-education and university requirements.

Students must satisfy the upper-division business core and major requirements in effect when they are admitted as majors.

For a more detailed explanation of requirements for majors, students should pick up the undergraduate degree programs handout in the Advising Office.

Business Premajor Admission

New students planning to earn a bachelor's degree in the Lundquist College of Business enter the university as business premajors. Transfer students and university students from other majors may become business premajors by submitting a Request for Addition or Deletion Major form, available in the Advising Office. Students who seek premajor status in business should meet with an advisor in the college if their GPA is below 3.00. Business premajors typically are not eligible to take most 300- and 400-level business courses. Business premajor status does not guarantee admission to the accounting or business administration major.

Business premajors typically spend the first two years fulfilling general education and premajor requirements.

Premajor Requirements

Junior Standing

Course work of 90 or more credits must be complete.

GPA Requirement

A 3.00 cumulative grade point average in all college course work including transfer work must be earned. The college includes all course work when calculating the cumulative GPA for admission to the major

English Competence

International students must have a Test of English as a Foreign Language (TOEFL) score of at least 575 (paper-based test), 233 (computer-based test), 89 (Internet-based test), an International English Language Testing System (IELTS) score of 7.0, or have completed the Academic English for International Students (AEIS) program.

Holistic Review

Students who have taken all required business premajor course work but fall slightly below the minimum GPA requirements may be considered for admission under a holistic review process. For more details, interested students may visit an academic advisor in 203 Peterson Hall.

Business Premajor Courses

Core Courses [1]		
BA101	Introduction to Business	4
ACTG211	Introduction to Accounting I	4
ACTG213	Introduction to Accounting II	4
EC201	Introduction to Economic Analysis: Microeconomics	4
EC202	Introduction to Economic Analysis: Macroeconomics	4
Additional Courses [2]		
Select one of the following:		8
WR121 &WR122	College Composition I and College Composition II	
WR121 &WR123	College Composition I and College Composition III	
BA240	Managing Business Information	4
MATH241–242	Calculus for Business and Social Science I-II	8
MATH243	Introduction to Methods of Probability and Statistics	4
Total Credits		**44**

1. A3.00 GPA and a minimum grade of C– in core courses are required for admission to the major. Premajor requirements must be taken for letter grades. If a graded course is repeated, both course grades are counted in computing the cumulative GPA, but only the second grade is used in calculating the core GPA. Core courses may be repeated only once.
2. Must be taken for letter grades and passed with grades of C– or better.

Application to the Major

Students must submit a formal application for admission to the major. Students apply for major status one term before they plan to take upper-division business courses.

Applications are due the first week of the term for admission the following term. To be eligible for admission as a major, a student must apply before the term deadline. Applications are not accepted during summer session. Application forms are available on the college website. Students who are completing their final term of business premajor requirements may submit applications.

Upper-Division Core

FIN311	Economic Foundations of Competitive Analysis	4
MKTG311	Marketing Management	4
FIN316	Financial Management	4
MGMT321	Managing Organizations	4
BE325	Global, Legal, Social Environment of Business	4
OBA330	Business Statistics	4
OBA335	Operations Management	4
OBA340	Business Information Systems	4
BA352	Leadership and Communication	4
BA453	Business Strategy and Planning	4
Total Credits		**40**

Upper-division core courses typically are completed during junior year.

Bachelor of Arts Degree Requirements

ACTG350–352	Intermediate Accounting I-III	12
ACTG360	Cost Accounting	4
ACTG440	Auditing and Information Systems	4
ACTG450	Advanced Financial Accounting	4
ACTG470	Introduction to Federal Taxation	4
Total Credits		**28**

Bachelor of Science Degree Requirements

ACTG350–352	Intermediate Accounting I-III	12
ACTG360	Cost Accounting	4
ACTG440	Auditing and Information Systems	4
ACTG450	Advanced Financial Accounting	4
ACTG470	Introduction to Federal Taxation	4
Total Credits		**28**

The 400-level courses are typically taken in the senior year.

Except in rare circumstances, upper-division accounting credits applied toward the major must be taken at the Lundquist College. Exceptions require explicit approval from the accounting department head.

Students who plan to sit for the Certified Public Accountant Examination in Oregon are encouraged to consider completing the master of accounting program. More information can be found online under programs at the college's website.

- **Master of Accounting**
- **Doctor of Philosophy**

Graduate Programs

Master of Accounting

Robin P. Clement, Director
308A Peterson Hall
541-346-3295

The master of accounting (MActg) is designed for students whose undergraduate major is accounting or the equivalent. The program is constructed so that it can be completed in three terms (one academic year) of full-time study. The curriculum is designed to sharpen written and oral communication, leadership, critical thinking, and analytical skills that are needed to excel in the accounting profession.

Program Requirements

The program requires an undergraduate degree in accounting or the equivalent.

MActg Course Requirements

Accounting courses	30
Five electives outside accounting [1]	15
Total Credits	**45**

1. The plan of study for the electives outside of accounting is determined by the student and the program director.

Visit the college's master of accounting website (https://business.uoregon.edu/MACC) for more information.

Doctoral Program

Faculty expertise focuses on federal income taxation, disclosure of financial information, and use of accounting information in corporate governance.

The student's program must satisfy the requirements of the Graduate School and the following requirements of the Lundquist College of Business.

The doctoral program requires four to five years of work while in residence on the Eugene campus.

PhD Degree Requirements

Nine doctoral courses [1]
Five or more graduate-level statistics courses [2]
Three graduate-level economics, mathematics, or behavioral science courses [3]

1. The department specifies the courses. At least three courses must be taken at the University of Oregon after admission to the doctoral program.
2. Grades of mid-B or better are required; none of these courses may be taken pass/no pass. These courses may be taken outside the Lundquist College of Business. At least three courses must be completed at the university after admission to the doctoral program.
3. Courses in these areas of study are subject to final approval by the student's advisory committee and the director of doctoral programs. Each course used to meet this area requirement must be passed with a grade of mid-B or better, and at least two courses must be completed at the university after admission to the doctoral program.

Competence in Specialty

Studentsare expected to master the literature and techniques in their area of concentration, prepare to write an acceptable dissertation, and perform high-quality research. Competence is demonstrated by passing a departmental written comprehensive examination and by successfully completing one or more required research papers. The department specifies the number of required papers. To be eligible to take a comprehensive examination, students must have completed most of the course work required in the area.

Competence in Statistics and Research Methods

If the department requires an examination in statistics and research methods, it is administered and graded by a committee that includes at least two decision sciences faculty members appointed by the director of doctoral programs.

Examinations

Students must pass one written comprehensive examination in their area of concentration. Examinations are graded *high pass*, *pass*, or *no pass*. For examinations given in separate and predesignated parts, the grade may apply to each subpart. All grades are outright; a conditional pass is not permitted.

In the event of failure, a student may be allowed to retake a comprehensive examination or predesignated subpart one time, at the discretion of the department in which the student is majoring. Normally, the examination or predesignated subpart should be retaken during the term following the initial attempt, but it may be taken no sooner than two months after the initial attempt. Failure to pass the comprehensive examination or a subpart on the second attempt results in automatic termination from the PhD program.

Advancement to Candidacy

The student is advanced to candidacy for the PhD degree after satisfying the preceding requirements and upon recommendation by his or her advisory committee to the Lundquist College of Business and to the Graduate School. Advancement must occur no later than three years after the student's entry into the doctoral program.

Dissertation

The student must complete a dissertation embodying the results of research and showing evidence of originality and ability in independent investigation. The dissertation must show mastery of the literature and techniques, be written in creditable literary form, and make a contribution to knowledge.

The student is responsible for formation of a dissertation committee, subject to approval by the Lundquist College of Business and the Graduate School of the university. This committee includes at least three regular faculty members of the college and at least one member from outside the college. The chair of the committee serves as the student's primary dissertation advisor. Before the dissertation topic is accepted by the dissertation committee, the student makes a public oral presentation and defense of the research proposal and design. When the topic is accepted by the committee, a copy of the proposal, signed as approved by the committee, is placed in the candidate's file.

The dissertation must be completed within four years of the student's advancement to candidacy. Upon petition to and approval by the PhD program committee and the Graduate School, this period may be extended for one year. Failure to complete the dissertation within this time period invalidates the student's comprehensive examinations and advancement to candidacy. The student must successfully defend the completed dissertation in a public oral examination and defense before the dissertation committee.

Grade Point Average (GPA)

The student must maintain a cumulative GPA of 3.00 or higher in graduate courses.

Termination from Program

A student's participation in the PhD program may be terminated under one or more of the following conditions:

- failure to make satisfactory progress toward advancement to candidacy
- a GPA below 3.00 for two consecutive terms
- failure to complete a dissertation within four years after advancement to candidacy

The decision to terminate will be made by the director of the PhD program after consultation with the PhD coordinator and faculty members of the department in which the student is majoring.

A student dropped from the program is notified in writing, with reasons for termination clearly explained, and a copy of the letter is placed in the student's file. The student has the right to appeal the termination decision by submitting a petition to the senior associate dean for academic affairs.

Waivers

Waiver of any of the above requirements is permitted only in exceptional instances and with the approval of the candidate's program committee, the PhD program committee, and the director of PhD programs. Under no circumstances can requirements of the Graduate School be waived by the Lundquist College of Business.

Courses

ACTG199. Special Studies: [Topic]. 1-5 Credits.
Repeatable.

ACTG211. Introduction to Accounting I. 4 Credits.
The accounting model and financial statements for external users.
Prereq: sophomore standing.

ACTG213. Introduction to Accounting II. 4 Credits.
Reporting of assets, equities, revenues, and expenses. Cost information and uses in management planning and control. Budgeting, manufacturing cost flows, and product costs.
Prereq: ACTG 211, C- or better; sophomore standing.

ACTG340. Accounting for Entrepreneurs. 4 Credits.
Sources and uses of cash in the context of start-up and small firms. Emphasis on cash generated by operations and used for operations and growth. Secondary emphasis on external sources of cash.

ACTG350. Intermediate Accounting I. 4 Credits.
Concepts and principles of financial accounting, including U.S. and international financial reporting standards; analysis of alternatives for income measurement and asset and liability valuation.

ACTG351. Intermediate Accounting II. 4 Credits.
Concepts and principles of financial accounting, including U.S. and international financial reporting standards. Analysis of alternatives for income measurement and asset and liability valuation.
Prereq: ACTG 350.

ACTG352. Intermediate Accounting III. 4 Credits.
Concepts and principles of financial accounting, including U.S. and international financial reporting standards; analysis of alternatives for income measurement and asset and liability valuation.
Prereq: C- or better in ACTG 351, FIN 316.

ACTG360. Cost Accounting. 4 Credits.
Development and communication of cost information to assist in planning, motivating managers, controlling costs, and evaluating performance.

ACTG401. Research: [Topic]. 1-21 Credits.
Repeatable.

ACTG403. Thesis. 1-12 Credits.
Repeatable.

ACTG405. Reading and Conference: [Topic]. 1-21 Credits.
Repeatable.

ACTG406. Special Problems: [Topic]. 1-4 Credits.
Repeatable.

ACTG407. Seminar: [Topic]. 4 Credits.
Repeatable.

ACTG408. Workshop: [Topic]. 1-21 Credits.
Repeatable.

ACTG409. Practicum: [Topic]. 1-3 Credits.
Repeatable.

ACTG410. Experimental Course: [Topic]. 1-4 Credits.
Repeatable.

ACTG440. Auditing and Information Systems. 4 Credits.
The audit environment, examinations of financial statements, and the audit process. The role of information in modern organizations; systems concepts; accounting controls; auditing systems.
Prereq: C– or better in ACTG 350.

ACTG450. Advanced Financial Accounting. 4 Credits.
Accounting for equity; financial accounting and reporting for corporate consolidation.
Prereq: C- or better in ACTG 352.

ACTG470. Introduction to Federal Taxation. 4 Credits.
Federal income tax law covering primarily the taxation of individuals. Introduction to tax planning.

ACTG503. Thesis. 1-16 Credits.
Repeatable.

ACTG510. Experimental Course: [Topic]. 1-4 Credits.
Repeatable.

ACTG540. Auditing and Information Systems. 4 Credits.
The audit environment, examinations of financial statements, and the audit process. Includes professional standards, audit sampling, and the audit profession.

ACTG550. Advanced Financial Accounting. 4 Credits.
Accounting for equity; financial accounting and reporting for corporate consolidation.

ACTG570. Introduction to Federal Taxation. 4 Credits.
Federal income tax law covering primarily the taxation of individuals. Introduction to tax planning.

ACTG601. Research: [Topic]. 1-16 Credits.
Repeatable.

ACTG603. Dissertation. 1-16 Credits.
Repeatable.

ACTG605. Reading and Conference: [Topic]. 1-16 Credits.
Repeatable.

ACTG606. Special Problems: [Topic]. 1-16 Credits.
Repeatable.

ACTG607. Seminar: [Topic]. 1-5 Credits.
Repeatable. Current Research in Accounting is a recent topic.

ACTG608. Special Topics: [Topic]. 1-16 Credits.
Repeatable.

ACTG609. Practicum: [Topic]. 1-3 Credits.
Repeatable.

ACTG610. Experimental Course: [Topic]. 1-5 Credits.
Repeatable. Recent topics include Developing the Business Professional, International Accounting.

ACTG612. Financial Accounting. 3 Credits.
Introduces the accounting model and financial statements for external users. Emphasizes the use of accounting information in valuation and performance evaluation.
Prereq: ACTG 211 or equivalent.

ACTG617. Taxation of Business. 4 Credits.
Taxation of business entities (C corporations, partnerships, S corporations, and limited liability companies) as they form, operate, and dissolve.

ACTG618. Taxes and Business Strategy. 4 Credits.
How to use economic analysis as a tax planning tool, thereby incorporating tax factors in economic decisions.
Prereq: ACTG 617.

ACTG620. Entrepreneurial Accounting. 3 Credits.
Coverage includes selection of a company's legal organizational structure; compensation strategies for small business owners; cash flow budgeting, management and forecasting; and financial statement analysis.
Prereq: MBA core or the equivalent.

ACTG625. Financial Reporting. 3 Credits.
In-depth coverage of the measurement and disclosure principles used to prepare generally accepted accounting principle-based financial statements.
Prereq: MBA core introduction to accounting courses or equivalent.

ACTG630. Accounting Measurement and Disclosure. 4 Credits.
Recent Financial Accounting Standings Board decisions; current measurement and disclosure conflicts facing the accounting profession. Includes exposure to governmental and not-for-profit accounting issues.

ACTG631. Financial Statement Analysis and Valuation. 4 Credits.
Examines the role of accounting information in financial decisions. Highlights valuation's relationship to accounting earnings and book value.

ACTG642. Advanced Assurance Services. 4 Credits.
Knowledge and application of generally accepted accounting principles and generally accepted auditing standards systems, design and flow charting, work paper preparation and review, oral and written presentation, and application of judgment.
Prereq: ACTG 440/540.

ACTG662. Strategic Cost Management. 4 Credits.
Theory and application of management accounting techniques to decisions made under uncertainty in complex business environments.

Finance

Diane Del Guercio, Department Head
Advising Office
203 Peterson Hall

The Department of Finance offers courses in finance and business economics. The curriculum is designed to impart an understanding of the principles of finance and to provide students with analytical training. Courses on financial institutions and markets, financial management,

and investments provide an understanding of the application of financial analysis to the solution of business problems.

The department offers a concentration in finance for the undergraduate major in business administration.

Faculty

Deborah J. Bauer, Peter W. and Maryanne L. Powell Distinguished Senior Instructor of Finance (investment strategies, competitive analysis). BS 1997, Bryant; MS, 2001, Oregon. (2001)

Vineet Baghwat, assistant professor (corporate finance, venture capital). BA, BS, 2006, Stanford, PhD, 2013, Northwestern. (2012)

Carl Burgdorfer instructor (wealth management, investments). BS, MBA, 1983, Montana. (2011)

John Chalmers, professor (financial management, investments). BA, 1985, Middlebury; MS, 1992, PhD, 1995, Rochester. (1996)

Diane Del Guercio, Gerry and Marilyn Cameron Distinguished Chair in Finance; professor (international finance, investments). BA, 1986, California, Santa Barbara; MA, 1989, PhD, 1994, Chicago. (1994)

Jennifer M. Ellis, senior instructor (microeconomics, international finance, monetary economics). BA, 1977, MA, 1978, Essex; PhD, 1992, Oregon. (1997)

Ali Emami, senior instructor (international finance, financial institutions). BS, 1972, National University of Iran; MS, 1980, Oregon; PhD, 1988, Oregon State. (1991)

Roberto C. Gutierrez Jr., associate professor (investments). BS, 1992, Tulane; PhD, 1999, North Carolina, Chapel Hill (2003)

Brandon Julio, assistant professor (corporate finance, international finance). BA, 1998, Brigham Young; MS, 2005, PhD, 2007, Illinois, Urbana-Champaign. (2014)

Xiaoding Liu, assistant professor (corporate finance, corporate governance). BS, 2005, MS, 2006, PhD, 2012, Florida. (2012)

Stephen B. McKeon, assistant professor (corporate finance, behavioral finance). BS, 2000, Oregon; MS, 2009, PhD, 2011, Purdue, West Lafayette. (2011)

Jonathan Moulton, instructor (banking, corporate finance, investments). BS, 1982, Oregon; MBA, 1986, California State, East Bay; Phd, 1995, Oregon. (2011)

Philip J. Romero, professor (economic policy, taxation, business strategy). BA, 1983, Cornell; MA, 1984, PhD, 1988, Rand Graduate. (1999)

Albert Sheen, assistant professor (corporate finance). BA, 1995, Chicago; PhD, 2009, California, Los Angeles. (2014)

Zhi "Jay" Wang, associate professor (investments, hedge funds, corporate finance). BA, 1994, Peking; MS, 1998, PhD, 2000, Iowa State; PhD, 2004, Michigan, Ann Arbor. (2012)

Michael Wismer, instructor (real estate). BA, 1970, MS, 1974, Brigham Young. (1996)

Emeriti

Larry Y. Dann, professor emeritus. BS, 1967, Northwestern; MBA, 1969, Harvard; PhD, 1980, California, Los Angeles. (1977)

Jerome J. Dasso, professor emeritus. BS, 1951, Purdue; MBA, 1952, Michigan; MS, 1960, PhD, 1964, Wisconsin, Madison. (1966)

Michael H. Hopewell, associate professor emeritus. BA, 1963, MBA, 1967, PhD, 1972, Washington (Seattle). (1969)

Wayne H. Mikkelson, professor emeritus. BA, 1974, Macalester; MS, 1978, PhD, 1980, Rochester. (1984)

George A. Racette, associate professor emeritus. BA, 1966, Stanford; MBA, 1967, Michigan; PhD, 1972, Washington (Seattle). (1974)

The date in parentheses at the end of each entry is the first year on the University of Oregon faculty.

- **Bachelor of Arts: Business Administration** (p. 497)
- **Bachelor of Science: Business Administration** (p. 498)
- **Minor in Business Administration**

Undergraduate Programs

Academic Requirements

To earn an undergraduate degree in the Lundquist College of Business, a student must be an admitted major in good academic standing with the college and the university. Two sets of requirements must be completed: general university requirements and college requirements.

The college is firmly committed to an undergraduate degree program in business based on a solid foundation in the arts and sciences. Students may not earn two majors in the Lundquist College of Business; in other words, a student who has an undergraduate degree in business administration cannot earn another undergraduate degree from the college. See the **Bachelor's Degree Requirements** section of this catalog for specific requirements for bachelor’s degrees and for general-education and university requirements.

Students must satisfy the upper-division business core and major requirements in effect when they are admitted as majors.

For a more detailed explanation of requirements for majors, students should pick up the undergraduate degree programs handout in the Advising Office.

Business Premajor Admission

New students planning to earn a bachelor's degree in the Lundquist College of Business enter the university as business premajors. Transfer students and university students from other majors may become business premajors by submitting a Request for Addition or Deletion Major form, available in the Advising Office. Students who seek premajor status in business should meet with an advisor in the college if their GPA is below 3.00. Business premajors typically are not eligible to take most 300- and 400-level business courses. Business premajor status does not guarantee admission to the accounting or business administration major.

Business premajors typically spend the first two years fulfilling general education and premajor requirements.

Premajor Requirements

Junior Standing

Course work of 90 or more credits must be complete.

GPA Requirement

A 3.00 cumulative grade point average in all college course work including transfer work must be earned. The college includes all course work when calculating the cumulative GPA for admission to the major

English Competence

International students must have a Test of English as a Foreign Language (TOEFL) score of at least 575 (paper-based test), 233 (computer-based test), 89 (Internet-based test), an International English Language Testing System (IELTS) score of 7.0, or have completed the Academic English for International Students (AEIS) program.

Holistic Review

Students who have taken all required business premajor course work but fall slightly below the minimum GPA requirements may be considered for admission under a holistic review process. For more details, interested students may visit an academic advisor in 203 Peterson Hall.

Business Premajor Courses

Core Courses [1]		
BA101	Introduction to Business	4
ACTG211	Introduction to Accounting I	4
ACTG213	Introduction to Accounting II	4
EC201	Introduction to Economic Analysis: Microeconomics	4
EC202	Introduction to Economic Analysis: Macroeconomics	4
Additional Courses [2]		
Select one of the following:		8
WR121 &WR122	College Composition I and College Composition II	
WR121 &WR123	College Composition I and College Composition III	
BA240	Managing Business Information	4
MATH241–242	Calculus for Business and Social Science I-II	8
MATH243	Introduction to Methods of Probability and Statistics	4
Total Credits		**44**

1. A3.00 GPA and a minimum grade of C– in core courses are required for admission to the major. Premajor requirements must be taken for letter grades. If a graded course is repeated, both course grades are counted in computing the cumulative GPA, but only the second grade is used in calculating the core GPA. Core courses may be repeated only once.
2. Must be taken for letter grades and passed with grades of C– or better.

Application to the Major

Students must submit a formal application for admission to the major. Students apply for major status one term before they plan to take upper-division business courses.

Applications are due the first week of the term for admission the following term. To be eligible for admission as a major, a student must apply before the term deadline. Applications are not accepted during summer session. Application forms are available on the college website. Students who are completing their final term of business premajor requirements may submit applications.

Bachelor of Arts Degree Requirements

Upper-Division Core

FIN311	Economic Foundations of Competitive Analysis	4
MKTG311	Marketing Management	4
FIN316	Financial Management	4
MGMT321	Managing Organizations	4
BE325	Global, Legal, Social Environment of Business	4
OBA330	Business Statistics	4
OBA335	Operations Management	4
OBA340	Business Information Systems	4
BA352	Leadership and Communication	4
BA453	Business Strategy and Planning	4
Total Credits		**40**

Upper-division core courses typically are completed during junior year.

Business Administration Requirements

Seven business courses from at least three business departments [1]	
General-education requirements	54
Nonbusiness breadth requirement courses [2]	24
Global context courses [3]	12
Total Credits	**90**

1. Four of the courses may be taken in one concentration area. Concentrations are optional and do not appear on UO academic transcripts or diplomas.
2. Courses should be an interrelated and coherent set consistent with the student's career goals. A nonbusiness minor meets this requirement, as does two years of language study. Nonbusiness breadth plans must be approved and on file in the Advising Office; assistance in planning individualized programs is available in the advising office.
3. Courses focus on international, cultural, historical, political, economic, or social issues of a geographic region and the culture of one country or region other than the student's native country. Language courses beyond the first year satisfy this requirement. Global context plans must be approved by an advisor in the Advising Office.

Concentration: Finance

FIN380	Financial Markets and Investments	4
FIN473	Financial Analysis and Valuation	4
Select two of the following:		8
FIN462	Derivative Markets and Financial Institutions	
FIN463	International Finance	
FIN464	Commercial Banking	

Bachelor of Science Degree Requirements

Upper-Division Core

FIN311	Economic Foundations of Competitive Analysis	4
MKTG311	Marketing Management	4
FIN316	Financial Management	4
MGMT321	Managing Organizations	4
BE325	Global, Legal, Social Environment of Business	4
OBA330	Business Statistics	4
OBA335	Operations Management	4
OBA340	Business Information Systems	4
BA352	Leadership and Communication	4
BA453	Business Strategy and Planning	4
Total Credits		**40**

Upper-division core courses typically are completed during junior year.

Business Administration Requirements

Seven business courses from at least three business departments [1]	
General-education requirements	54
Nonbusiness breadth requirement courses [2]	24
Global context courses [3]	12
Total Credits	**90**

1. Four of the courses may be taken in one concentration area. Concentrations are optional and do not appear on UO academic transcripts or diplomas.
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3. Courses focus on international, cultural, historical, political, economic, or social issues of a geographic region and the culture of one country or region other than the student's native country. Language courses beyond the first year satisfy this requirement. Global context plans must be approved by an advisor in the Advising Office.

Definitions, Limitations, and Policies

Transfer Students

The sequential nature of this program requires careful academic planning. Students who want to transfer to the college are encouraged to meet with an advisor in the Lundquist College of Business early in their academic careers. Studentsare admitted to the university as business premajors. Once admitted, they may apply for major status in accordance with the procedure described. Applications are due the first Friday of the term for admission the following term.

Second Bachelor's Degree

A student who has a bachelor's or master's degree in a field of business administration may not earn a second bachelor's degree in business. Students who have earned a nonbusiness degree and want a second degree in a field of business must be admitted to the university as postbaccalaureate nongraduate students. Second-degree candidates must meet the same admission requirements and follow the same application process described.

Students retain business premajor status until admission requirements are completed or waived because of completed course work. Second-degree students must complete the same upper-division requirements as first-degree candidates. The Second Bachelor's Degree section of this catalog, under **Bachelor's Degree Requirements**, lists university requirements for a second bachelor's degree; the Advising Office has information about Lundquist College requirements.

Residence Requirement

Students must complete a minimum of 44 upper-division credits in regularly scheduled Lundquist College of Business courses. With the department head's approval, credits may be transferred from other accredited institutions, independent study, or approved courses in other departments.

Grading

Premajor required courses and upper-division courses must be taken for letter grades and passed with grades of C– or better. See the **Registration and Academic Policies** section of this catalog for an explanation of the university's grading systems.

Upper-Division Courses

Courses for the minor are open to nonmajors, and courses for the certificate in international business communication are open to students whose native language is not English. Only admitted majors in the Lundquist College of Business may enroll in all other 300- and 400-level business courses.

Continuous Progress

Students who do not attend the university for an extended period of time after being admitted as a major may be required to reapply for admission and fulfill current major requirements if the UO Catalog for the last year of attendance has expired. See Catalog Expiration and Requirements Policies in the **Reader's Guide to the Catalog** (p. 5)**.**

Business Administration Minor

All professions and organizations, public and private, operate according to business principles. Earning a minor in business administration prepares students to participate in organizational conversations and become leaders within their future professions. The minor in business administration is open to students from all majors other than business

administration and accounting. Completing the minor requires 24 credits of course work, which can be completed in one academic year.

Students can declare a minor in business administration online at the college's website, where a checklist of requirements can be found. Advising assistance is available in the Advising Office.

To be admitted to the minor program, students must have a 2.00 cumulative GPA. Twelve upper-division credits must be taken in the Lundquist College of Business. Upper-division business courses must be taken for letter grades. Students must earn a C– or better in all courses taken for a letter grade to fulfill minor requirements. When minor requirements have been completed and notification of application for a degree has been received from the Office of the Registrar, the student is cleared for the minor.

Lower Division		
BA101	Introduction to Business	4
ACTG211	Introduction to Accounting I	4
orBA215	Accounting: Language of Business Decisions	
Upper Division		
BA315	Economy, Industry, and Competitive Analysis	4
BA316	Management: Creating Value through People	4
BA317	Marketing: Creating Value for Customers	4
BA318	Finance: Creating Value through Capital	4
Total Credits		**24**

- **Master of Business Administration** (p. 499)
- **Master of Arts** (p. 499)
- **Master of Science** (p. 499)
- **Doctor of Philosophy**

Graduate Programs

Master of Business Administration

302 Peterson Hall
Lillis Business Complex
541-346-3306
541-346-0073 fax

The Lundquist College of Business MBA degree embodies the college's emphasis on interdisciplinary study, experiential learning, research excellence, and a supportive learning environment.

True to this interdisciplinary focus, the MBA curriculum consists of four tracks: innovation and entrepreneurship, finance and securities analysis, sports business, and sustainable business practices. Building on a common core of foundational courses in accounting, decision sciences, finance, management, and marketing, students must choose one of these curricular tracks when applying to the program.

The four tracks of the MBA curriculum are aligned with the college's centers—the Lundquist Center for Entrepreneurship, the Finance and Securities Analysis Center, the Center for Sustainable Business Practices, and the James H. Warsaw Sports Marketing Center. The centers not only promote research collaboration among faculty members from different departments, but they also facilitate student interactions with industry professionals and provide practical, real-world learning opportunities. These include internships, business planning ventures, competitions, and one- or two-term consulting projects in the second year. In addition, the Leadership and Communication Center works with students on professional skills assessment, leadership, and team dynamics as well as presentation and other communication skills, beginning with an extended orientation.

Strong faculty engagement and the state-of-the art facilities of the Lillis Business Complex create an ideal learning environment. An emphasis on group work ensures that students get to know one another and their instructors well. In addition, a strong cohort model aids in developing solid working relationships and strong friendships. Finally, students may choose to enhance their international education by studying abroad in the summer on the Engaging Asia tour.

Virtually all MBA students come to the university with work experience; the average is four years. About one-third are women; two thirds hold a nonbusiness bachelor's degree; and one-fifth are international students. The program draws students from across the United States and twelve to fifteen countries.

Two years of full-time study are needed to earn the minimum of 76 credits required for the degree. See **Accelerated Program** for information about the nine- or eleven-month accelerated program. See **Administration of the Master's Degree Programs** for admission requirements.

Accelerated Program

The accelerated master's degree program is intensive, allowing outstanding undergraduate business majors from an institution accredited by the Association to Advance Collegiate Schools of Business (AACSB International) to earn an MBA degree in nine or eleven months (three or four terms) by taking fifteen courses (a minimum of 45 credits) in three or four terms. Applicants should have full-time work experience. Students must choose one of the four tracks listed above. Admission is accepted for fall, winter, or spring terms.

Oregon Executive MBA

David Boush, Executive Director
200 SW Market St., Suite L101
Portland, Oregon 97201
503-276-3622
866-996-3622 toll free
503-276-3626 fax
oemba.uoregon.edu
oemba@uoregon.edu (oemba@oemba.uoregon.edu)

The University of Oregon offers the two-year Oregon Executive Master of Business Administration (OEMBA) Program for employed mid- to senior-level executives. Classes are held in Portland one full day a week, seventeen Fridays and seventeen Saturdays per academic year. In addition to meeting standard admission criteria, applicants to this program must have substantial managerial experience and corporate sponsorship. Courses are open only to students who apply and are admitted to this program.

Master of Science or Master of Arts

The primary master's degree offered by the Lundquist College of Business is the MBA. The MS and MA degrees are awarded exclusively to students who are enrolled in a PhD program. The MA degree requires competence in a second language. The program leading to the MS or MA degree (in disciplines other than accounting) allows more specialization

than the MBA program and may be adapted to a student's particular needs. The requirements are as follows:

1. Completion of the AACSB International core areas as specified by the department in the Graduate School of Management in which the majority of specialization takes place. For students without academic preparation in business, completion of the common body of business knowledge usually amounts to satisfying the MBA core courses. The manner in which this requirement is satisfied is determined by the student in consultation with his or her program committee and subject to approval
2. Completion of a minimum of 45 graduate credits beyond the MBA core courses. These should include the following:
   a. A minimum of 18 credits of course work in the primary area of specialization. A majority of this work should be taken in the college. However, specialization is defined by a subject of study and is not limited to courses offered by one department or by the Graduate School of Management
   b. A minimum of 12 credits of course work in a secondary area of study either in the Graduate School of Management or in a related field
   c. A maximum of 15 credits in electives. A maximum of 9 credits of Thesis 503-can be taken at the option of the student and the program committee. For students choosing to complete a thesis, the number of credits taken for the thesis is deducted from the required number of elective credits
   d. A minimum of 27 graduate credits taken in the Graduate School of Management
3. Approval of the proposed program of study by a program committee of at least two faculty members. At least one faculty member must be from the department in which the majority of specialization courses are taken:
   a. The composition of the program committee must be approved by the director of doctoral programs
   b. An approved program of study must be submitted before any courses beyond the common body of business knowledge can be taken.
4. If a thesis is undertaken, approval is required by a thesis committee of at least two faculty members. At least one faculty member must be from the department in which the majority of specialization courses is taken
   a. The composition of the thesis committee must be approved by the director of doctoral programs. The thesis committee may have different members than the program committee
   b. A thesis proposal must be approved in writing by all members of the thesis committee and submitted to the assistant dean for graduate programs before substantial work is undertaken on the thesis
   c. In case of disagreement between thesis committee members over the acceptability of the thesis, the issue is resolved by an ad hoc committee of at least three faculty members appointed by the head of the department in which the majority of specialization courses has been taken
5. Computer competence. Details of this requirement appear under **Undergraduate Programs**

Doctoral Programs

The focus is financial economics applied to financial management, financial institutions and markets, and includes course work in microeconomics, statistics, and econometrics. Specializations are corporate finance, corporate governance, managed portfolios and institutional investors, empirical asset pricing.

The student's program must satisfy the requirements of the Graduate School and the following requirements of the Lundquist College of Business.

The doctoral program requires four to five years of work while in residence on the Eugene campus.

PhD Degree Requirements

Nine doctoral courses [1]	
Five or more graduate-level statistics courses [2]	
Three graduate-level economics, mathematics, or behavioral science courses [3]	

1. The department specifies the courses. At least three courses must be taken at the University of Oregon after admission to the doctoral program.
2. Grades of mid-B or better are required; none of these courses may be taken pass/no pass. These courses may be taken outside the Lundquist College of Business. At least three courses must be completed at the university after admission to the doctoral program.
3. Courses in these areas of study are subject to final approval by the student's advisory committee and the director of doctoral programs. Each course used to meet this area requirement must be passed with a grade of mid-B or better, and at least two courses must be completed at the university after admission to the doctoral program.

Competence in Specialty

Studentsare expected to master the literature and techniques in their area of concentration, prepare to write an acceptable dissertation, and perform high-quality research. Competence is demonstrated by passing a departmental written comprehensive examination and by successfully completing one or more required research papers. The department specifies the number of required papers. To be eligible to take a comprehensive examination, students must have completed most of the course work required in the area.

Competence in Statistics and Research Methods

If the department requires an examination in statistics and research methods, it is administered and graded by a committee that includes at least two decision sciences faculty members appointed by the director of doctoral programs.

Examinations

Students must pass one written comprehensive examination in their area of concentration. Examinations are graded *high pass*, *pass*, or *no pass*. For examinations given in separate and predesignated parts, the grade may apply to each subpart. All grades are outright; a conditional pass is not permitted.

In the event of failure, a student may be allowed to retake a comprehensive examination or predesignated subpart one time, at the discretion of the department in which the student is majoring. Normally, the examination or predesignated subpart should be retaken during the term following the initial attempt, but it may be taken no sooner than two months after the initial attempt. Failure to pass the comprehensive

examination or a subpart on the second attempt results in automatic termination from the PhD program.

Advancement to Candidacy

The student is advanced to candidacy for the PhD degree after satisfying the preceding requirements and upon recommendation by his or her advisory committee to the Lundquist College of Business and to the Graduate School. Advancement must occur no later than three years after the student's entry into the doctoral program.

Dissertation

The student must complete a dissertation embodying the results of research and showing evidence of originality and ability in independent investigation. The dissertation must show mastery of the literature and techniques, be written in creditable literary form, and make a contribution to knowledge.

The student is responsible for formation of a dissertation committee, subject to approval by the Lundquist College of Business and the Graduate School of the university. This committee includes at least three regular faculty members of the college and at least one member from outside the college. The chair of the committee serves as the student's primary dissertation advisor. Before the dissertation topic is accepted by the dissertation committee, the student makes a public oral presentation and defense of the research proposal and design. When the topic is accepted by the committee, a copy of the proposal, signed as approved by the committee, is placed in the candidate's file.

The dissertation must be completed within four years of the student's advancement to candidacy. Upon petition to and approval by the PhD program committee and the Graduate School, this period may be extended for one year. Failure to complete the dissertation within this time period invalidates the student's comprehensive examinations and advancement to candidacy. The student must successfully defend the completed dissertation in a public oral examination and defense before the dissertation committee.

Grade Point Average (GPA)

The student must maintain a cumulative GPA of 3.00 or higher in graduate courses.

Termination from Program

A student's participation in the PhD program may be terminated under one or more of the following conditions:

- failure to make satisfactory progress toward advancement to candidacy
- a GPA below 3.00 for two consecutive terms
- failure to complete a dissertation within four years after advancement to candidacy

The decision to terminate will be made by the director of the PhD program after consultation with the PhD coordinator and faculty members of the department in which the student is majoring.

A student dropped from the program is notified in writing, with reasons for termination clearly explained, and a copy of the letter is placed in the student's file. The student has the right to appeal the termination decision by submitting a petition to the senior associate dean for academic affairs.

Waivers

Waiver of any of the above requirements is permitted only in exceptional instances and with the approval of the candidate's program committee, the PhD program committee, and the director of PhD programs. Under no circumstances can requirements of the Graduate School be waived by the Lundquist College of Business.

- **International Business Communication letter of mastery**
- **Certificate in Global Management**

International Business Communication

International students may earn a letter certifying mastery in international business communication. This program, directed by Ron Severson, is open to all undergraduate international students of any major; the two cross-cultural courses are open to domestic students as well.

BA361	Cross-Cultural Business Communication	4
BA362	Effective Business Writing	4
BA363	Effective Business Presentations	4
BA364	International Business Research	4
BA365	Cross-Cultural Negotiation	4
Total Credits		**20**

Certificate in Global Management

Lundquist College of Business students may earn a certificate in global management. Study abroad is highly recommended. Additional information is available in the Advising Office.

FIN463	International Finance	4
MGMT420	Managing in a Global Economy	4
MKTG470	International Marketing	4
Approved nonbusiness courses relating to an international theme		24
Two years college-level language study		
Total Credits		**36**

Courses

FIN199. Special Studies: [Topic]. 1-5 Credits.
Repeatable.

FIN240. Survey of Real Estate. 4 Credits.
Basics of buying, selling, and leasing real estate. Overview of real estate law, commercial and residential brokerage, real estate financing, and real estate administration.
Not open to LCB majors or prebusiness majors with junior standing or above.

FIN281. Personal Finance. 4 Credits.
Overview of lifetime personal financial strategies. Topics include financial goals and building net worth, major purchasing decisions, credit use, tax planning, retirement, and estate planning.
Not open to LCB majors, prebusiness majors with junior standing or above.

FIN283. The Stock Market and Investing. 4 Credits.
Investments and the stock market, securities and approaches to security selection, portfolio composition and structure.
Not open to LCB majors, prebusiness majors with junior standing or above, or students who have credit for FIN 380.

FIN311. Economic Foundations of Competitive Analysis. 4 Credits.
Analysis of market competition and its relation to product cost and pricing decisions by the firm. Students may receive credit for only one of EC 311, FIN 311, or FIN 311H.

FIN311H. Economic Foundations of Competitive Analysis. 4 Credits.
Analyzes the competitive structure of markets and industries. Focuses on the relationships among cost, pricing strategy and economic profit in competitive environments. Students may receive credit for only one of EC 311, FIN 311, or FIN 311H.
Prereq: open only to students in the LCB honors program.

FIN316. Financial Management. 4 Credits.
Corporate financial planning, selection among alternative investment opportunities, analysis of risk, funds acquisition, and long-term financing. Students cannot receive credit for both FIN 316 and FIN 316H.

FIN316H. Financial Management. 4 Credits.
Covers the fundamental tools and concepts of finance, including the evaluation of investment opportunities and the relation between risk and return Students cannot receive credit for both FIN 316 and FIN 316H.
Prereq: open only to students in the LCB honors program.

FIN380. Financial Markets and Investments. 4 Credits.
Financial markets and security investment decisions, analysis of risk and return, portfolio policies for individual and institutional investors, financial instruments.
Prereq: FIN 316, OBA 330.

FIN401. Research: [Topic]. 1-21 Credits.
Repeatable.

FIN403. Thesis. 1-12 Credits.
Repeatable.

FIN405. Reading and Conference: [Topic]. 1-21 Credits.
Repeatable.

FIN406. Special Problems: [Topic]. 1-4 Credits.
Repeatable.

FIN407. Seminar: [Topic]. 4 Credits.
Repeatable.

FIN409. Practicum: [Topic]. 1-12 Credits.
Repeatable.

FIN410. Experimental Course: [Topic]. 1-4 Credits.
Repeatable.

FIN462. Derivative Markets and Financial Institutions. 4 Credits.
Valuation of financial derivatives, methodologies for identifying firms' risk exposures, the role of risk management and financial derivatives in corporate strategy, and analysis of financial institutions.
Prereq: FIN 316.

FIN463. International Finance. 4 Credits.
Analysis of currency exchange rates, balance of payments; management of foreign exchange risk; risk and return in international investment.
Prereq: FIN 316.

FIN464. Commercial Banking. 4 Credits.
Operation and pricing policies of a commercial bank, concentrating on management of institutions that take deposits and make loans and investments through the use of computer-simulated banking operations.
Prereq: FIN 316 or FIN 316H.

FIN473. Financial Analysis and Valuation. 4 Credits.
Topics include working capital management, advanced capital budgeting, dividend policy, financing policy, business valuation, and corporate acquisitions.
Prereq: FIN 380.

FIN503. Thesis. 1-16 Credits.
Repeatable.

FIN510. Experimental Course: [Topic]. 1-4 Credits.
Repeatable.

FIN562. Derivative Markets and Financial Institutions. 4 Credits.
Valuation of financial derivatives, methodologies for identifying firms' risk exposures, the role of risk management and financial derivatives in corporate strategy, and analysis of financial institutions.
Prereq: FIN 380 or FIN 612.

FIN564. Commercial Banking. 4 Credits.
Operation and pricing policies of a commercial bank, concentrating on management of institutions that take deposits and make loans and investments through the use of computer-simulated banking operations.

FIN601. Research: [Topic]. 1-16 Credits.
Repeatable.

FIN603. Dissertation. 1-16 Credits.
Repeatable.

FIN605. Reading and Conference: [Topic]. 1-12 Credits.
Repeatable.

FIN607. Seminar: [Topic]. 1-5 Credits.
Repeatable.

FIN608. Special Topics: [Topic]. 1-12 Credits.
Repeatable.

FIN609. Practicum: [Topic]. 1-9 Credits.
Repeatable.

FIN610. Experimental Course: [Topic]. 1-5 Credits.
Repeatable.

FIN612. Fundamentals of Finance. 3 Credits.
Covers the fundamental theories and tools of financial analysis. Topics include valuation, capital budgeting, risk and return, market efficiency, and financial policies. Sequence with FIN 613.

FIN613. Managerial Economics. 3 Credits.
Covers the fundamental theories and tools of economic and strategic analysis. Topics include demand and supply, pricing strategies, and perfect and imperfect competition. Sequence with FIN 612.
Prereq: FIN 612.

FIN663. International Financial Management. 3 Credits.
International monetary system and its implications for exchange rate determination. Determinants of foreign investments, characteristics of international financial institutions, and the relationship between international and domestic markets.
Prereq: completion of first-year M.B.A. core.

FIN671. Corporate Finance and Valuation. 3 Credits.
Application of financial principles to problems of valuation, capital budgeting, and financial policy.
Prereq: FIN 612.

FIN673. Advanced Topics in Corporate Finance. 3 Credits.
Cases dealing with financial analysis, working-capital management, valuation, and firm investment and financing decisions.
Prereq: completion of first-year M.B.A. core.

FIN675. Fixed Income Securities. 3 Credits.
Theoretical, empirical, and institutional aspects of fixed-income securities and their derivatives; application of these tools to managerial decisions in other contexts.
Prereq: completion of first-year MBA core.

FIN683. Concepts of Investments. 3 Credits.
Securities markets; risk-return characteristics of investment media; concepts of security analysis; investment and portfolio strategies of individual and institutional investors.
Prereq: completion of first-year M.B.A. core.

Management

Advising Office
203 Peterson Hall

Department of Management courses prepare students for the challenges of managerial responsibility in private and public organizations. They are useful for students who want to develop general management skills that can be applied in a variety of contexts, ranging from new business start-ups to global businesses. Management courses also serve students who are concentrating in other areas of business and who recognize the importance of developing management and leadership skills to enhance their chances for career advancement. Courses focus on such critical management and leadership skills as launching new business ventures, negotiation and conflict resolution, managing in dynamic and changing environments, and international management.

The entrepreneurship concentration prepares students for careers in entrepreneurially driven firms. Examples include new and rapidly growing firms, technology-oriented firms, and family businesses. Special attention is given to venture creation, the unique problems encountered by firms that are growing, and the way sound business principles and strategies can be adapted to fit this environment.

Faculty

Ron C. Bramhall, senior instructor (persuasive communication, team development, experiential education); director, Lundquist College of Business Honors Program. BS, 1989, Texas, Arlington; MBA, 2000, Oregon. (2003)

Allan G. Cochrane, instructor (entrepreneurship, venture planning, leadership development). BS, 1970, Roberts Wesleyan. (2008)

Thomas L. Durant, instructor (entrepreneurship, strategic planning, global business management).BS, 1972, MBA, 1974, Southern California; MA, 2006, George Fox Evangelical Seminary. (2010)

David T. Dusseau, Tykeson Professor in Business; senior instructor (organizational behavior, international management). BS, 1975, Ohio State; MBA, 1985, PhD, 1992, Oregon. (1992)

Ralf A. Heidl, assistant professor (strategic management, technology entrepreneurship, innovation networks). HBSc, 1990, Brock; MS, 2000, Pennsylvania State; PhD, 2010, Washington (Seattle). (2015)

Elizabeth Hjelm, senior instructor (business strategy, performance measurement, strategy implementation). BA, 1980, Notre Dame; MMgmt, 1982, Northwestern. (2003)

Jennifer Howard-Grenville, associate professor (organizational change, environmental management, institutional and cultural processes). BSc, 1990, Queen's (Kingston, Ontario); MA, 1992, Oxford; PhD, 2000, Massachusetts Institute of Technology. (2007)

Charles Kalnbach, senior instructor (organizational leadership, organizational performance improvement, instructional technology). BA, 1991, Thomas Edison State; MS, 1995, Indiana, Bloomington; MEd, 2008, Nova Southeastern. (2003)

Lauren Lanahan, courtesy assistant professor (innovation, business policy, entrepreneurship). BA, 2006, Reed College; MA, 2013, PhD, 2015, North Carolina, Chapel Hill. (2015)

Steven J. Mayer, instructor (human resource management, leadership). BS, 1966, Brigham Young; MBA, 1970, Eastern Michigan; PhD, 1988, Oregon. (2005)

Andrew J. Nelson, associate professor (technology management, entrepreneurship, organization theory). BA, 1998, Stanford; MS, 2000, Oxford; PhD, 2007, Stanford. (2008)

Anne Parmigiani, associate professor (strategic management, supply-chain management, entrepreneurship). BS, 1987, MBA, 1996, Pennsylvania State; PhD, 2003, Michigan, Ann Arbor. (2004)

Michael V. Russo, Lundquist Professor of Sustainable Management (corporate policy and strategy, environmental management). BS, 1979, Columbia; MS, 1980, Stanford; MBA, 1986, PhD, 1989, California, Berkeley. (1989)

Ronald Severson, senior instructor (business communication, cross-cultural studies). BA, 1979, Willamette; MA, 1989, Oregon; PhD, 1999, Utah. (1996)

Joshua Skov, instructor (life-cycle assessment, clean energy finance, carbon accounting). BA, 1992, Yale; MA, 1994, Washington (Seattle); MA, 1997, California, Berkeley. (2009)

William H. Starbuck, courtesy professor in residence (organizational design, decision processes, research methods). AB, 1956, Harvard; MS 1959, PhD, 1964, Carnegie Institute of Technology. (2005)

Tina Starr, instructor (international human resource management, organizational behavior). BS, 2000, Derby; MS, 2001, PhD, 2006, Nottingham. (2011)

Jeffrey J. Stolle, senior instructor (ethics, critical thinking). BA, 1990, St. Thomas (Minnesota); MA, 1994, Vanderbilt; PhD, 2001, Oregon. (2007)

David T. Wagner, assistant professor (organizational behavior, organizational psychology), BS, 2002, MAc, 2004, Brigham Young; PhD, 2009, Michigan State. (2014)

Emeriti

Warren B. Brown, professor emeritus. BS, 1955, Colorado; MS, 1957, Stanford; MS, 1959, PhD, 1962, Carnegie-Mellon. (1967)

Alan D. Meyer, professor emeritus. BA, 1968, MBA, 1970, Washington (Seattle); PhD, 1978, California, Berkeley. (1984)

Peter K. Mills, professor emeritus. BS, 1970, MBA, 1971, California State, Long Beach; PhD, 1978, Stockholm; PhD, 1980, California, Irvine. (1995)

Richard T. Mowday, professor emeritus. BS, 1970, San Jose; MS, 1972, PhD, 1975, California, Irvine. (1977)

Richard M. Steers, professor emeritus. BA, 1967, Whittier; MBA, 1968, Southern California; PhD, 1973, California, Irvine. (1975)

James R. Terborg, professor emeritus; Chambers Chair in the College of Business; James H. Warsaw Academic Director. BA, 1970, Calvin; MS, 1972, Eastern Michigan; PhD, 1975, Purdue. (1980)

The date in parentheses at the end of each entry is the first year on the University of Oregon faculty.

- **Bachelor of Arts: Business Administration**
- **Bachelor of Science: Business Administration**
- **Minor in Business Administration**

Undergraduate Programs

Academic Requirements

To earn an undergraduate degree in the Lundquist College of Business, a student must be an admitted major in good academic standing with the college and the university. Two sets of requirements must be completed: general university requirements and college requirements.

The college is firmly committed to an undergraduate degree program in business based on a solid foundation in the arts and sciences. Students may not earn two majors in the Lundquist College of Business; in other words, a student who has an undergraduate degree in business administration cannot earn another undergraduate degree from the college. See the **Bachelor's Degree Requirements** section of this catalog for specific requirements for bachelor's degrees and for general-education and university requirements.

Students must satisfy the upper-division business core and major requirements in effect when they are admitted as majors.

For a more detailed explanation of requirements for majors, students should pick up the undergraduate degree programs handout in the Advising Office.

Business Premajor Admission

New students planning to earn a bachelor's degree in the Lundquist College of Business enter the university as business premajors. Transfer students and university students from other majors may become business premajors by submitting a Request for Addition or Deletion Major form, available in the Advising Office. Students who seek premajor status in business should meet with an advisor in the college if their GPA is below 3.00. Business premajors typically are not eligible to take most 300- and 400-level business courses. Business premajor status does not guarantee admission to the accounting or business administration major.

Business premajors typically spend the first two years fulfilling general education and premajor requirements.

Premajor Requirements

Junior Standing

Course work of 90 or more credits must be complete.

GPA Requirement

A 3.00 cumulative grade point average in all college course work including transfer work must be earned. The college includes all course work when calculating the cumulative GPA for admission to the major

English Competence

International students must have a Test of English as a Foreign Language (TOEFL) score of at least 575 (paper-based test), 233 (computer-based test), 89 (Internet-based test), an International English Language Testing System (IELTS) score of 7.0, or have completed the Academic English for International Students (AEIS) program.

Holistic Review

Students who have taken all required business premajor course work but fall slightly below the minimum GPA requirements may be considered for admission under a holistic review process. For more details, interested students may visit an academic advisor in 203 Peterson Hall.

Business Premajor Courses

Core Courses [1]		
BA101	Introduction to Business	4
ACTG211	Introduction to Accounting I	4
ACTG213	Introduction to Accounting II	4
EC201	Introduction to Economic Analysis: Microeconomics	4
EC202	Introduction to Economic Analysis: Macroeconomics	4
Additional Courses [2]		
Select one of the following:		8
WR121 &WR122	College Composition I and College Composition II	
WR121 &WR123	College Composition I and College Composition III	
BA240	Managing Business Information	4
MATH241–242	Calculus for Business and Social Science I-II	8
MATH243	Introduction to Methods of Probability and Statistics	4
Total Credits		**44**

1. A3.00 GPA and a minimum grade of C– in core courses are required for admission to the major. Premajor requirements must be taken for letter grades. If a graded course is repeated, both course grades are counted in computing the cumulative GPA, but only the second grade is used in calculating the core GPA. Core courses may be repeated only once.
2. Must be taken for letter grades and passed with grades of C– or better.

Application to the Major

Students must submit a formal application for admission to the major. Students apply for major status one term before they plan to take upper-division business courses.

Applications are due the first week of the term for admission the following term. To be eligible for admission as a major, a student must apply before the term deadline. Applications are not accepted during summer session. Application forms are available on the college website. Students who are completing their final term of business premajor requirements may submit applications.

Bachelor of Arts Degree Requirements

Upper-Division Core

FIN311	Economic Foundations of Competitive Analysis	4
MKTG311	Marketing Management	4
FIN316	Financial Management	4
MGMT321	Managing Organizations	4
BE325	Global, Legal, Social Environment of Business	4
OBA330	Business Statistics	4
OBA335	Operations Management	4
OBA340	Business Information Systems	4
BA352	Leadership and Communication	4
BA453	Business Strategy and Planning	4
Total Credits		**40**

Upper-division core courses typically are completed during junior year.

Business Administration Requirements

Seven business courses from at least three business departments [1]	
General-education requirements	54
Nonbusiness breadth requirement courses [2]	24
Global context courses [3]	12
Total Credits	**90**

1. Four of the courses may be taken in one concentration area. Concentrations are optional and do not appear on UO academic transcripts or diplomas.
2. Courses should be an interrelated and coherent set consistent with the student's career goals. A nonbusiness minor meets this requirement, as does two years of language study. Nonbusiness breadth plans must be approved and on file in the Advising Office; assistance in planning individualized programs is available in the advising office.
3. Courses focus on international, cultural, historical, political, economic, or social issues of a geographic region and the culture of one country or region other than the student's native country. Language courses beyond the first year satisfy this requirement. Global context plans must be approved by an advisor in the Advising Office.

Concentration: Entrepreneurship

MGMT335	Launching New Ventures	4
ACTG340	Accounting for Entrepreneurs	4
MKTG445	Entrepreneurial Marketing	4
MGMT455	Implementing Entrepreneurial Strategies	4
Total Credits		**16**

Bachelor of Science Degree Requirements

Upper-Division Core

FIN311	Economic Foundations of Competitive Analysis	4
MKTG311	Marketing Management	4
FIN316	Financial Management	4
MGMT321	Managing Organizations	4
BE325	Global, Legal, Social Environment of Business	4
OBA330	Business Statistics	4
OBA335	Operations Management	4
OBA340	Business Information Systems	4
BA352	Leadership and Communication	4
BA453	Business Strategy and Planning	4
Total Credits		**40**

Upper-division core courses typically are completed during junior year.

Business Administration Requirements

Seven business courses from at least three business departments [1]	
General-education requirements	54
Nonbusiness breadth requirement courses [2]	24
Global context courses [3]	12
Total Credits	**90**

1. Four of the courses may be taken in one concentration area. Concentrations are optional and do not appear on UO academic transcripts or diplomas.
2. Courses should be an interrelated and coherent set consistent with the student's career goals. A nonbusiness minor meets this requirement, as does two years of language study. Nonbusiness breadth plans must be approved and on file in the Advising Office; assistance in planning individualized programs is available in the advising office.
3. Courses focus on international, cultural, historical, political, economic, or social issues of a geographic region and the culture of one country or region other than the student's native country. Language courses beyond the first year satisfy this requirement. Global context plans must be approved by an advisor in the Advising Office.

Concentration: Entrepreneurship

MGMT335	Launching New Ventures	4
ACTG340	Accounting for Entrepreneurs	4
MKTG445	Entrepreneurial Marketing	4
MGMT455	Implementing Entrepreneurial Strategies	4
Total Credits		**16**

Definitions, Limitations, and Policies

Transfer Students

The sequential nature of this program requires careful academic planning. Students who want to transfer to the college are encouraged to meet with an advisor in the Lundquist College of Business early in their academic careers. Studentsare admitted to the university as business premajors. Once admitted, they may apply for major status in accordance with the procedure described. Applications are due the first Friday of the term for admission the following term.

Second Bachelor’s Degree

A student who has a bachelor’s or master’s degree in a field of business administration may not earn a second bachelor’s degree in business. Students who have earned a nonbusiness degree and want a second degree in a field of business must be admitted to the university as postbaccalaureate nongraduate students. Second-degree candidates must meet the same admission requirements and follow the same application process described.

Students retain business premajor status until admission requirements are completed or waived because of completed course work. Second-degree students must complete the same upper-division requirements as first-degree candidates. The Second Bachelor’s Degree section of this catalog, under **Bachelor's Degree Requirements**, lists university requirements for a second bachelor’s degree; the Advising Office has information about Lundquist College requirements.

Residence Requirement

Students must complete a minimum of 44 upper-division credits in regularly scheduled Lundquist College of Business courses. With the department head’s approval, credits may be transferred from other accredited institutions, independent study, or approved courses in other departments.

Grading

Premajor required courses and upper-division courses must be taken for letter grades and passed with grades of C– or better. See the **Registration and Academic Policies** section of this catalog for an explanation of the university’s grading systems.

Upper-Division Courses

Courses for the minor are open to nonmajors, and courses for the certificate in international business communication are open to students whose native language is not English. Only admitted majors in the Lundquist College of Business may enroll in all other 300- and 400-level business courses.

Continuous Progress

Students who do not attend the university for an extended period of time after being admitted as a major may be required to reapply for admission and fulfill current major requirements if the UO Catalog for the last year of attendance has expired. See Catalog Expiration and Requirements Policies in the **Reader's Guide to the Catalog** (p. 5)**.**

Business Administration Minor

All professions and organizations, public and private, operate according to business principles. Earning a minor in business administration prepares students to participate in organizational conversations and become leaders within their future professions. The minor in business administration is open to students from all majors other than business administration and accounting. Completing the minor requires 24 credits of course work, which can be completed in one academic year.

Students can declare a minor in business administration online at the college’s website, where a checklist of requirements can be found. Advising assistance is available in the Advising Office.

To be admitted to the minor program, students must have a 2.00 cumulative GPA. Twelve upper-division credits must be taken in the Lundquist College of Business. Upper-division business courses must be taken for letter grades. Students must earn a C– or better in all courses taken for a letter grade to fulfill minor requirements. When minor requirements have been completed and notification of application for a degree has been received from the Office of the Registrar, the student is cleared for the minor.

Lower Division		
BA101	Introduction to Business	4
ACTG211	Introduction to Accounting I	4
orBA215	Accounting: Language of Business Decisions	
Upper Division		
BA315	Economy, Industry, and Competitive Analysis	4
BA316	Management: Creating Value through People	4
BA317	Marketing: Creating Value for Customers	4
BA318	Finance: Creating Value through Capital	4
Total Credits		**24**

- **Master of Business Administration**
- **Master of Arts**
- **Master of Science**
- **Doctor of Philosophy**

Graduate Programs

Master of Business Administration

302 Peterson Hall
Lillis Business Complex
541-346-3306
541-346-0073 fax

The Lundquist College of Business MBA degree embodies the college’s emphasis on interdisciplinary study, experiential learning, research excellence, and a supportive learning environment.

True to this interdisciplinary focus, the MBA curriculum consists of four tracks: innovation and entrepreneurship, finance and securities analysis, sports business, and sustainable business practices. Building on a common core of foundational courses in accounting, decision sciences, finance, management, and marketing, students must choose one of these curricular tracks when applying to the program.

The four tracks of the MBA curriculum are aligned with the college’s centers—the Lundquist Center for Entrepreneurship, the Finance and Securities Analysis Center, the Center for Sustainable Business Practices, and the James H. Warsaw Sports Marketing Center. The centers not only promote research collaboration among faculty members from different departments, but they also facilitate student interactions with industry professionals and provide practical, real-world learning opportunities. These include internships, business planning ventures, competitions, and one- or two-term consulting projects in the second year. In addition, the Leadership and Communication Center works with students on professional skills assessment, leadership, and team dynamics as well as presentation and other communication skills, beginning with an extended orientation.

Strong faculty engagement and the state-of-the art facilities of the Lillis Business Complex create an ideal learning environment. An emphasis on group work ensures that students get to know one another and their instructors well. In addition, a strong cohort model aids in developing solid working relationships and strong friendships. Finally, students may

choose to enhance their international education by studying abroad in the summer on the Engaging Asia tour.

Virtually all MBA students come to the university with work experience; the average is four years. About one-third are women; two thirds hold a nonbusiness bachelor's degree; and one-fifth are international students. The program draws students from across the United States and twelve to fifteen countries.

Two years of full-time study are needed to earn the minimum of 76 credits required for the degree. See **Accelerated Program** for information about the nine- or eleven-month accelerated program. See **Administration of the Master's Degree Programs** for admission requirements.

Accelerated Program

The accelerated master's degree program is intensive, allowing outstanding undergraduate business majors from an institution accredited by the Association to Advance Collegiate Schools of Business (AACSB International) to earn an MBA degree in nine or eleven months (three or four terms) by taking fifteen courses (a minimum of 45 credits) in three or four terms. Applicants should have full-time work experience. Students must choose one of the four tracks listed above. Admission is accepted for fall, winter, or spring terms.

Oregon Executive MBA

David Boush, Executive Director
200 SW Market St., Suite L101
Portland, Oregon 97201
503-276-3622
866-996-3622 toll free
503-276-3626 fax
oemba.uoregon.edu
oemba@uoregon.edu (oemba@oemba.uoregon.edu)

The University of Oregon offers the two-year Oregon Executive Master of Business Administration (OEMBA) Program for employed mid- to senior-level executives. Classes are held in Portland one full day a week, seventeen Fridays and seventeen Saturdays per academic year. In addition to meeting standard admission criteria, applicants to this program must have substantial managerial experience and corporate sponsorship. Courses are open only to students who apply and are admitted to this program.

Master of Science or Master of Arts

The primary master's degree offered by the Lundquist College of Business is the MBA. The MS and MA degrees are awarded exclusively to students who are enrolled in a PhD program. The MA degree requires competence in a second language. The program leading to the MS or MA degree (in disciplines other than accounting) allows more specialization than the MBA program and may be adapted to a student's particular needs. The requirements are as follows:

1. Completion of the AACSB International core areas as specified by the department in the Graduate School of Management in which the majority of specialization takes place. For students without academic preparation in business, completion of the common body of business knowledge usually amounts to satisfying the MBA core courses. The manner in which this requirement is satisfied is determined by the student in consultation with his or her program committee and subject to approval
2. Completion of a minimum of 45 graduate credits beyond the MBA core courses. These should include the following:
    a. A minimum of 18 credits of course work in the primary area of specialization. A majority of this work should be taken in the college. However, specialization is defined by a subject of study and is not limited to courses offered by one department or by the Graduate School of Management
    b. A minimum of 12 credits of course work in a secondary area of study either in the Graduate School of Management or in a related field
    c. A maximum of 15 credits in electives. A maximum of 9 credits of Thesis 503-can be taken at the option of the student and the program committee. For students choosing to complete a thesis, the number of credits taken for the thesis is deducted from the required number of elective credits
    d. A minimum of 27 graduate credits taken in the Graduate School of Management
3. Approval of the proposed program of study by a program committee of at least two faculty members. At least one faculty member must be from the department in which the majority of specialization courses are taken:
    a. The composition of the program committee must be approved by the director of doctoral programs
    b. An approved program of study must be submitted before any courses beyond the common body of business knowledge can be taken.
4. If a thesis is undertaken, approval is required by a thesis committee of at least two faculty members. At least one faculty member must be from the department in which the majority of specialization courses is taken
    a. The composition of the thesis committee must be approved by the director of doctoral programs. The thesis committee may have different members than the program committee
    b. A thesis proposal must be approved in writing by all members of the thesis committee and submitted to the assistant dean for graduate programs before substantial work is undertaken on the thesis
    c. In case of disagreement between thesis committee members over the acceptability of the thesis, the issue is resolved by an ad hoc committee of at least three faculty members appointed by the head of the department in which the majority of specialization courses has been taken
5. Computer competence. Details of this requirement appear under **Undergraduate Programs**

Doctoral Programs

Faculty research encompasses organizational change, supply-chain relationships, technology strategy, entrepreneurship, and sustainability.

The student's program must satisfy the requirements of the Graduate School and the following requirements of the Lundquist College of Business.

The doctoral program requires four to five years of work while in residence on the Eugene campus.

PhD Degree Requirements

Nine doctoral courses [1]	
Five or more graduate-level statistics courses [2]	

Three graduate-level economics, mathematics, or behavioral science courses [3]

1. The department specifies the courses. At least three courses must be taken at the University of Oregon after admission to the doctoral program.
2. Grades of mid-B or better are required; none of these courses may be taken pass/no pass. These courses may be taken outside the Lundquist College of Business. At least three courses must be completed at the university after admission to the doctoral program.
3. Courses in these areas of study are subject to final approval by the student's advisory committee and the director of doctoral programs. Each course used to meet this area requirement must be passed with a grade of mid-B or better, and at least two courses must be completed at the university after admission to the doctoral program.

Competence in Specialty

Studentsare expected to master the literature and techniques in their area of concentration, prepare to write an acceptable dissertation, and perform high-quality research. Competence is demonstrated by passing a departmental written comprehensive examination and by successfully completing one or more required research papers. The department specifies the number of required papers. To be eligible to take a comprehensive examination, students must have completed most of the course work required in the area.

Competence in Statistics and Research Methods

If the department requires an examination in statistics and research methods, it is administered and graded by a committee that includes at least two decision sciences faculty members appointed by the director of doctoral programs.

Examinations

Students must pass one written comprehensive examination in their area of concentration. Examinations are graded *high pass*, *pass*, or *no pass*. For examinations given in separate and predesignated parts, the grade may apply to each subpart. All grades are outright; a conditional pass is not permitted.

In the event of failure, a student may be allowed to retake a comprehensive examination or predesignated subpart one time, at the discretion of the department in which the student is majoring. Normally, the examination or predesignated subpart should be retaken during the term following the initial attempt, but it may be taken no sooner than two months after the initial attempt. Failure to pass the comprehensive examination or a subpart on the second attempt results in automatic termination from the PhD program.

Advancement to Candidacy

The student is advanced to candidacy for the PhD degree after satisfying the preceding requirements and upon recommendation by his or her advisory committee to the Lundquist College of Business and to the Graduate School. Advancement must occur no later than three years after the student's entry into the doctoral program.

Dissertation

The student must complete a dissertation embodying the results of research and showing evidence of originality and ability in independent investigation. The dissertation must show mastery of the literature and techniques, be written in creditable literary form, and make a contribution to knowledge.

The student is responsible for formation of a dissertation committee, subject to approval by the Lundquist College of Business and the Graduate School of the university. This committee includes at least three regular faculty members of the college and at least one member from outside the college. The chair of the committee serves as the student's primary dissertation advisor. Before the dissertation topic is accepted by the dissertation committee, the student makes a public oral presentation and defense of the research proposal and design. When the topic is accepted by the committee, a copy of the proposal, signed as approved by the committee, is placed in the candidate's file.

The dissertation must be completed within four years of the student's advancement to candidacy. Upon petition to and approval by the PhD program committee and the Graduate School, this period may be extended for one year. Failure to complete the dissertation within this time period invalidates the student's comprehensive examinations and advancement to candidacy. The student must successfully defend the completed dissertation in a public oral examination and defense before the dissertation committee.

Grade Point Average (GPA)

The student must maintain a cumulative GPA of 3.00 or higher in graduate courses.

Termination from Program

A student's participation in the PhD program may be terminated under one or more of the following conditions:

- failure to make satisfactory progress toward advancement to candidacy
- a GPA below 3.00 for two consecutive terms
- failure to complete a dissertation within four years after advancement to candidacy

The decision to terminate will be made by the director of the PhD program after consultation with the PhD coordinator and faculty members of the department in which the student is majoring.

A student dropped from the program is notified in writing, with reasons for termination clearly explained, and a copy of the letter is placed in the student's file. The student has the right to appeal the termination decision by submitting a petition to the senior associate dean for academic affairs.

Waivers

Waiver of any of the above requirements is permitted only in exceptional instances and with the approval of the candidate's program committee, the PhD program committee, and the director of PhD programs. Under no circumstances can requirements of the Graduate School be waived by the Lundquist College of Business.

- **International Business Communication letter of mastery**
- **Certificate in Global Management**

International Business Communication

International students may earn a letter certifying mastery in international business communication. This program, directed by Ron Severson, is

open to all undergraduate international students of any major; the two cross-cultural courses are open to domestic students as well.

BA361	Cross-Cultural Business Communication	4
BA362	Effective Business Writing	4
BA363	Effective Business Presentations	4
BA364	International Business Research	4
BA365	Cross-Cultural Negotiation	4
Total Credits		**20**

Certificate in Global Management

Lundquist College of Business students may earn a certificate in global management. Study abroad is highly recommended. Additional information is available in the Advising Office.

FIN463	International Finance	4
MGMT420	Managing in a Global Economy	4
MKTG470	International Marketing	4
Approved nonbusiness courses relating to an international theme		24
Two years college-level language study		
Total Credits		**36**

Courses

MGMT199. Special Studies: [Topic]. 1-5 Credits.
Repeatable.

MGMT321. Managing Organizations. 4 Credits.
Roles of managers in planning, organizing, leading, and controlling organizations in a competitive global environment. Students cannot receive credit for both MGMT 321 and MGMT 321H.

MGMT321H. Managing Organizations. 4 Credits.
Explores principles of management in the context of current management practice. Nature of the manager's job in dynamic and complex environment. Cases, group project and intensive class interaction. Students cannot receive credit for both MGMT 321 and MGMT 321H.
Prereq: open only to students in the LCB honors program.

MGMT335. Launching New Ventures. 4 Credits.
Skills, behaviors, and knowledge necessary for creating and growing new ventures. Evaluating opportunities, developing growth strategies, obtaining venture financing, intellectual property, and building a management team.
Prereq: MGMT 321.

MGMT401. Research: [Topic]. 1-21 Credits.
Repeatable.

MGMT405. Reading and Conference: [Topic]. 1-21 Credits.
Repeatable.

MGMT406. Special Problems: [Topic]. 1-4 Credits.
Repeatable.

MGMT407. Seminar: [Topic]. 4 Credits.
Repeatable.

MGMT409. Practicum: [Topic]. 1-21 Credits.
Repeatable.

MGMT410. Experimental Course: [Topic]. 1-4 Credits.
Repeatable.

MGMT415. Human Resources Management. 4 Credits.
Management of employee relations by an organization. Hiring and developing a productive work force in the context of the legal and competitive environment.
Prereq: MGMT 321.

MGMT416. Organizational Development and Change Management. 4 Credits.
Organizational leaders face an accelerating pace of change in information technology, markets, and consumers. Focuses on how leaders create and sustain these organizational changes.
Prereq: BA 352, MGMT 321.

MGMT417. Negotiation Strategies. 4 Credits.
Introduction to negotiation theory, distributive and integrative bargaining techniques, and alternative dispute resolution. Uses workshop format for in-class negotiation simulations.
Prereq: MGMT 321.

MGMT420. Managing in a Global Economy. 4 Credits.
Economic, political and cultural challenges facing international managers. Topics include developing competitive global strategies and organizations, international negotiations, building strategic alliances, cross-cultural teams, and international staffing.
Prereq: MGMT 321 or equivalent.

MGMT455. Implementing Entrepreneurial Strategies. 4 Credits.
Focuses on turning an idea into a serious business venture. Students research new business opportunities and become skilled in developing business tools and processes to carry out venture launch strategies.
Prereq: ACTG 340, MGMT 335, MKTG 445.

MGMT503. Thesis. 1-16 Credits.
Repeatable.

MGMT510. Experimental Course: [Topic]. 1-4 Credits.
Repeatable.

MGMT601. Research [Topic]. 1-16 Credits.
Repeatable.

MGMT603. Dissertation. 1-16 Credits.
Repeatable.

MGMT605. Reading and Conference: [Topic]. 1-16 Credits.
Repeatable.

MGMT607. Seminar: [Topic]. 1-5 Credits.
Repeatable.

MGMT608. Special Topics: [Topic]. 1-16 Credits.
Repeatable.

MGMT609. Practicum: [Topic]. 1-16 Credits.
Repeatable.

MGMT610. Experimental Course: [Topic]. 1-5 Credits.
Repeatable. Recent topics include Sustainable Business Development and Venture Launch.

MGMT612. Managing Individuals and Organizations. 3 Credits.
Design of high-performance organizations and internal systems. Analysis of team dynamics and group decision-making. Study of individual cognitive and leadership styles.

MGMT614. Strategic Management. 3 Credits.
Analysis of industries and companies, development of competitive and cooperative strategies, analysis of the special demands of alternative social, technological, and international contexts.

MGMT615. Leadership. 3 Credits.
Development of skills managers need to be effective leaders in organizations, including communicating, problem-solving, influencing, motivating, delegating, and resolving conflict.

MGMT620. Managing Global Business. 3 Credits.
Focuses on the problems of operating across multiple political and cultural boundaries. Possible topics include corporate strategy, the role of multinational corporations, and international joint ventures.

MGMT623. Negotiation. 3 Credits.
Negotiation theory including distributive and integrative bargaining techniques, economic complements, game theory, and alternative dispute resolution. Extensive in-class negotiation simulations.

MGMT625. New Venture Planning. 3 Credits.
Students identify and research a business opportunity; develop and present a professional start-up business plan that includes market, competitor, cash flow, and financial analyses. Meyer, Swangard, Upson.

MGMT635. Opportunity Recognition. 3 Credits.
Introduces the fundamentals of entrepreneurship, providing the tools necessary to successfully identify a true opportunity and to start and develop a new organization. Open only to MBA and MActg majors.

MGMT640. Sustainable Business Development. 3 Credits.
Focuses on corporate environmental management, drawing on economic and policy models, strategic analysis, and use of business cases. Issues facing small and mid-sized companies stressed.

MGMT641. Industrial Ecology. 3 Credits.
Takes a systems approach to the design and manufacture of products and delivery of services with minimized ecological impact.

MGMT670. Research Methods in Organizations. 3 Credits.
Procedures for interpreting behavioral research in organizational settings. Design of research projects, including problem definition, theory building, selection of a sample measurement, data analysis, and ethical considerations.
Prereq: MGMT 611 or equivalent.

MGMT690. Management Proseminar. 1 Credit.
Contemporary issues in management research. Includes visiting speakers, resident faculty members, and doctoral students discussing their research.

Marketing

Lynn R. Kahle, Department Head
Advising Office
203 Peterson Hall

The Department of Marketing provides undergraduates with concentration areas in marketing and sports business.

The marketing concentration provides preparation for careers in marketing management. Examples of such careers include advertising, social media, professional selling, distribution, and marketing research. Special attention is given to the contributions of the social sciences and of quantitative methods to the study of marketing. The program includes courses on marketing research and strategy, marketing communications, and consumer behavior.

The sports business concentration addresses the use of sports to market goods and services. The successful sports marketer must understand business principles and have a strong sense of how value is created through marketing programs tied to athletes, teams, leagues, and organizations. The concentration presents a rigorous academic curriculum in such areas as sponsorship, sports law, and communications while paying close attention to industry practices and trends. Students who choose this concentration prepare for careers in team marketing, sponsor relations, event marketing, and league operations.

Faculty

Declan Bolger, instructor (sports marketing). BEd, 1982, London; MS, 1989, Massachusetts, Amherst. (2011)

David M. Boush, Gerald B. Bashaw Business Professor (marketing management, marketing research, consumer behavior). BA, 1975, Wisconsin, Madison; MBA, 1977, PhD, 1988, Minnesota, Minneapolis. (1987)

T. Bettina Cornwell, Edwin E. and June Woldt Cone Professor of Marketing (marketing communications, corporate sponsorship, consumer behavior); director of research, James H. Warsaw Sports Marketing Center. BA, 1981, Florida State; MBA, 1983, PhD, 1988, Texas, Austin. (2010)

Kay Crider, instructor (marketing, management, business law). BA, 1986, California, Santa Barbara; JD, 1989, Chicago. (2010)

Anne M. Forrestel, senior instructor (marketing strategy, leadership, sustainable business). BA, 1972, Williams College; MS, 1974, MBA, 1985, Michigan, Ann Arbor. (1997)

Conor Henderson, acting assistant professor (marketing strategy, business-to-business marketing, sales). BA, 2008, Gonzaga; MS, 2010, Washington (Seattle). (2013)

Lynn R. Kahle, Ehrman V. Giustina Professor;Thomas C. Stewart Distinguished Professor (consumer behavior, communications). BA, 1973, Concordia; MA, 1974, Pacific Lutheran; PhD, 1977, Nebraska. (1983)

Jessyca Lewis, instructor (marketing, international, strategy, consumer behavior). BA, 2002, MBA, 2005, Northwest Christian. (2010)

Robert Madrigal, associate professor (consumer behavior, sports marketing). BA, 1976, MA, 1979, California State, Chico; PhD, 1990, Oregon. (1995)

Katie Mercurio, assistant professor (marketing strategy, branding). BS, 2004, MS, 2006, PhD, 2010, Washington (Seattle). (2012)

Mark M. Phelps, Donald A. Tykeson Senior Instructor of Business (business law, entrepreneurship law). BS, 1972, JD, 1975, MBA, 1980, Oregon. (1979)

Ellen Schmidt-Devlin, instructor (sports product management, marketing). BS, 1981, MBA, 2012, Oregon. (2011)

Barbara Tull, instructor (marketing research). BS, 1977, California, Davis; MBA, 1983, Oregon. (2010)

Frank Veltri, instructor (consumer behavior, sports marketing, economic impact). BA, 1978, Mayville State; MS, 1984, Minnesota State; MBA, 2007, Colorado State; EdD, 1996, Northern Colorado. (2013)

Whitney R. Wagoner, senior instructor (sports marketing, corporate sponsorship, consumer promotions); program manager, Warsaw Sports

Marketing Center. BS, 1996, Oregon; MBA, 2004, New York University. (2004)

Douglas L. Wilson, senior instructor (business and marketing plan development, market training). BS, 1978, Oregon State; MBA, 1990, Oregon. (1994)

Hong Yuan, associate professor (marketing strategy, marketing research, pricing). BS, 1997, Fudan; MA, 2001, PhD, 2005, Michigan, Ann Arbor. (2013)

Jiao Zhang, assistant professor (consumer behavior, judgment, decision making). BS, 1997, MS, 2000, Shanghai Jiao Tong; PhD, 2006, Chicago. (2014)

Emeriti

Gerald S. Albaum, professor emeritus. BA, 1954, MBA, 1958, Washington (Seattle); PhD, 1962, Wisconsin, Madison. (1969)

Roger J. Best, professor emeritus. BSEE, 1968, California State Polytechnic; MBA, 1972, California State, Hayward; PhD, 1975, Oregon. (1980)

Michael F. Dore, instructor emeritus (marketing, advertising); director, undergraduate honors. BS, 1971, MBA, 1972, Southern California. (1996)

Marian Friestad, professor emerita. BA, 1981, MA, 1984, PhD, 1989, Wisconsin, Madison. (1987)

Del I. Hawkins, professor emeritus. BBA, 1966, MBA, 1967, PhD, 1969, Texas. (1970)

Dennis Howard, professor emeritus. BS, 1966, Oregon; MS, 1968, Illinois; PhD, 1974, Oregon State. (1997)

Peter Wright, professor emeritus. BA, 1966, North Carolina State; MBA, 1968, Virginia; PhD, 1971, Pennsylvania State. (1997)

The date in parentheses at the end of each entry is the first year on the University of Oregon faculty.

- **Bachelor of Arts: Business Administration**
- **Bachelor of Science: Business Administration**
- **Minor in Business Administration**

Undergraduate Programs

Academic Requirements

To earn an undergraduate degree in the Lundquist College of Business, a student must be an admitted major in good academic standing with the college and the university. Two sets of requirements must be completed: general university requirements and college requirements.

The college is firmly committed to an undergraduate degree program in business based on a solid foundation in the arts and sciences. Students may not earn two majors in the Lundquist College of Business; in other words, a student who has an undergraduate degree in business administration cannot earn another undergraduate degree from the college. See the **Bachelor's Degree Requirements** section of this catalog for specific requirements for bachelor's degrees and for general-education and university requirements.

Students must satisfy the upper-division business core and major requirements in effect when they are admitted as majors.

For a more detailed explanation of requirements for majors, students should pick up the undergraduate degree programs handout in the Advising Office.

Business Premajor Admission

New students planning to earn a bachelor's degree in the Lundquist College of Business enter the university as business premajors. Transfer students and university students from other majors may become business premajors by submitting a Request for Addition or Deletion Major form, available in the Advising Office. Students who seek premajor status in business should meet with an advisor in the college if their GPA is below 3.00. Business premajors typically are not eligible to take most 300- and 400-level business courses. Business premajor status does not guarantee admission to the accounting or business administration major.

Business premajors typically spend the first two years fulfilling general education and premajor requirements.

Premajor Requirements

Junior Standing

Course work of 90 or more credits must be complete.

GPA Requirement

A 3.00 cumulative grade point average in all college course work including transfer work must be earned. The college includes all course work when calculating the cumulative GPA for admission to the major

English Competence

International students must have a Test of English as a Foreign Language (TOEFL) score of at least 575 (paper-based test), 233 (computer-based test), 89 (Internet-based test), an International English Language Testing System (IELTS) score of 7.0, or have completed the Academic English for International Students (AEIS) program.

Holistic Review

Students who have taken all required business premajor course work but fall slightly below the minimum GPA requirements may be considered for admission under a holistic review process. For more details, interested students may visit an academic advisor in 203 Peterson Hall.

Business Premajor Courses

Core Courses [1]		
BA101	Introduction to Business	4
ACTG211	Introduction to Accounting I	4
ACTG213	Introduction to Accounting II	4
EC201	Introduction to Economic Analysis: Microeconomics	4
EC202	Introduction to Economic Analysis: Macroeconomics	4
Additional Courses [2]		
Select one of the following:		8
WR121 &WR122	College Composition I and College Composition II	
WR121 &WR123	College Composition I and College Composition III	
BA240	Managing Business Information	4
MATH241–242	Calculus for Business and Social Science I-II	8

MATH243	Introduction to Methods of Probability and Statistics	4
Total Credits		**44**

1 A3.00 GPA and a minimum grade of C– in core courses are required for admission to the major. Premajor requirements must be taken for letter grades. If a graded course is repeated, both course grades are counted in computing the cumulative GPA, but only the second grade is used in calculating the core GPA. Core courses may be repeated only once.

2 Must be taken for letter grades and passed with grades of C– or better.

Application to the Major

Students must submit a formal application for admission to the major. Students apply for major status one term before they plan to take upper-division business courses.

Applications are due the first week of the term for admission the following term. To be eligible for admission as a major, a student must apply before the term deadline. Applications are not accepted during summer session. Application forms are available on the college website. Students who are completing their final term of business premajor requirements may submit applications.

Bachelor of Arts Degree Requirements

Upper-Division Core

FIN311	Economic Foundations of Competitive Analysis	4
MKTG311	Marketing Management	4
FIN316	Financial Management	4
MGMT321	Managing Organizations	4
BE325	Global, Legal, Social Environment of Business	4
OBA330	Business Statistics	4
OBA335	Operations Management	4
OBA340	Business Information Systems	4
BA352	Leadership and Communication	4
BA453	Business Strategy and Planning	4
Total Credits		**40**

Upper-division core courses typically are completed during junior year.

Business Administration Requirements

Seven business courses from at least three business departments [1]	
General-education requirements	54
Nonbusiness breadth requirement courses [2]	24
Global context courses [3]	12
Total Credits	**90**

1 Four of the courses may be taken in one concentration area. Concentrations are optional and do not appear on UO academic transcripts or diplomas.

2 Courses should be an interrelated and coherent set consistent with the student's career goals. A nonbusiness minor meets this requirement, as does two years of language study. Nonbusiness breadth plans must be approved and on file in the Advising Office; assistance in planning individualized programs is available in the advising office.

3 Courses focus on international, cultural, historical, political, economic, or social issues of a geographic region and the culture of one country or region other than the student's native country. Language courses beyond the first year satisfy this requirement. Global context plans must be approved by an advisor in the Advising Office.

Concentration: Marketing

MKTG390	Marketing Research	4
MKTG420	Marketing Communications	4
MKTG435	Consumer Behavior	4
MKTG490	Marketing Strategy	4
Total Credits		**16**

Concentration: Sports Business

MKTG390	Marketing Research	4
SBUS450	Sports Marketing	4
Select two of the following:		8
SBUS455	Financing Sports Business	
SBUS452	Sports Sponsorship	
SBUS453	Law and Sports Marketing	
Total Credits		**16**

Marketing Strategy (MKTG490) is strongly recommended.

Bachelor of Science Degree Requirements

Upper-Division Core

FIN311	Economic Foundations of Competitive Analysis	4
MKTG311	Marketing Management	4
FIN316	Financial Management	4
MGMT321	Managing Organizations	4
BE325	Global, Legal, Social Environment of Business	4
OBA330	Business Statistics	4
OBA335	Operations Management	4
OBA340	Business Information Systems	4
BA352	Leadership and Communication	4
BA453	Business Strategy and Planning	4
Total Credits		**40**

Upper-division core courses typically are completed during junior year.

Business Administration Requirements

Seven business courses from at least three business departments [1]	
General-education requirements	54
Nonbusiness breadth requirement courses [2]	24

Global context courses [3]	12
Total Credits	**90**

1. Four of the courses may be taken in one concentration area. Concentrations are optional and do not appear on UO academic transcripts or diplomas.
2. Courses should be an interrelated and coherent set consistent with the student's career goals. A nonbusiness minor meets this requirement, as does two years of language study. Nonbusiness breadth plans must be approved and on file in the Advising Office; assistance in planning individualized programs is available in the advising office.
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Concentration: Marketing

MKTG390	Marketing Research	4
MKTG420	Marketing Communications	4
MKTG435	Consumer Behavior	4
MKTG490	Marketing Strategy	4
Total Credits		**16**

Concentration: Sports Business

MKTG390	Marketing Research	4
SBUS450	Sports Marketing	4
Select two of the following:		8
SBUS455	Financing Sports Business	
SBUS452	Sports Sponsorship	
SBUS453	Law and Sports Marketing	
Total Credits		**16**

Marketing Strategy (MKTG490) is strongly recommended.

Definitions, Limitations, and Policies

Transfer Students

The sequential nature of this program requires careful academic planning. Students who want to transfer to the college are encouraged to meet with an advisor in the Lundquist College of Business early in their academic careers. Studentsare admitted to the university as business premajors. Once admitted, they may apply for major status in accordance with the procedure described. Applications are due the first Friday of the term for admission the following term.

Second Bachelor's Degree

A student who has a bachelor's or master's degree in a field of business administration may not earn a second bachelor's degree in business. Students who have earned a nonbusiness degree and want a second degree in a field of business must be admitted to the university as postbaccalaureate nongraduate students. Second-degree candidates must meet the same admission requirements and follow the same application process described.

Students retain business premajor status until admission requirements are completed or waived because of completed course work. Second-degree students must complete the same upper-division requirements as first-degree candidates. The Second Bachelor's Degree section of this catalog, under **Bachelor's Degree Requirements**, lists university requirements for a second bachelor's degree; the Advising Office has information about Lundquist College requirements.

Residence Requirement

Students must complete a minimum of 44 upper-division credits in regularly scheduled Lundquist College of Business courses. With the department head's approval, credits may be transferred from other accredited institutions, independent study, or approved courses in other departments.

Grading

Premajor required courses and upper-division courses must be taken for letter grades and passed with grades of C– or better. See the **Registration and Academic Policies** section of this catalog for an explanation of the university's grading systems.

Upper-Division Courses

Courses for the minor are open to nonmajors, and courses for the certificate in international business communication are open to students whose native language is not English. Only admitted majors in the Lundquist College of Business may enroll in all other 300- and 400-level business courses.

Continuous Progress

Students who do not attend the university for an extended period of time after being admitted as a major may be required to reapply for admission and fulfill current major requirements if the UO Catalog for the last year of attendance has expired. See Catalog Expiration and Requirements Policies in the **Reader's Guide to the Catalog** (p. 5)**.**

Business Administration Minor

All professions and organizations, public and private, operate according to business principles. Earning a minor in business administration prepares students to participate in organizational conversations and become leaders within their future professions. The minor in business administration is open to students from all majors other than business administration and accounting. Completing the minor requires 24 credits of course work, which can be completed in one academic year.

Students can declare a minor in business administration online at the college's website, where a checklist of requirements can be found. Advising assistance is available in the Advising Office.

To be admitted to the minor program, students must have a 2.00 cumulative GPA. Twelve upper-division credits must be taken in the Lundquist College of Business. Upper-division business courses must be taken for letter grades. Students must earn a C– or better in all courses taken for a letter grade to fulfill minor requirements. When minor requirements have been completed and notification of application for a degree has been received from the Office of the Registrar, the student is cleared for the minor.

Lower Division		
BA101	Introduction to Business	4
ACTG211	Introduction to Accounting I	4
orBA215	Accounting: Language of Business Decisions	

Upper Division		
BA315	Economy, Industry, and Competitive Analysis	4
BA316	Management: Creating Value through People	4
BA317	Marketing: Creating Value for Customers	4
BA318	Finance: Creating Value through Capital	4
Total Credits		**24**

- **Master of Business Administration**
- **Master of Arts**
- **Master of Science**
- **Doctor of Philosophy**

Graduate Programs

Master of Business Administration

302 Peterson Hall
Lillis Business Complex
541-346-3306
541-346-0073 fax

The Lundquist College of Business MBA degree embodies the college's emphasis on interdisciplinary study, experiential learning, research excellence, and a supportive learning environment.

True to this interdisciplinary focus, the MBA curriculum consists of four tracks: innovation and entrepreneurship, finance and securities analysis, sports business, and sustainable business practices. Building on a common core of foundational courses in accounting, decision sciences, finance, management, and marketing, students must choose one of these curricular tracks when applying to the program.

The four tracks of the MBA curriculum are aligned with the college's centers—the Lundquist Center for Entrepreneurship, the Finance and Securities Analysis Center, the Center for Sustainable Business Practices, and the James H. Warsaw Sports Marketing Center. The centers not only promote research collaboration among faculty members from different departments, but they also facilitate student interactions with industry professionals and provide practical, real-world learning opportunities. These include internships, business planning ventures, competitions, and one- or two-term consulting projects in the second year. In addition, the Leadership and Communication Center works with students on professional skills assessment, leadership, and team dynamics as well as presentation and other communication skills, beginning with an extended orientation.

Strong faculty engagement and the state-of-the art facilities of the Lillis Business Complex create an ideal learning environment. An emphasis on group work ensures that students get to know one another and their instructors well. In addition, a strong cohort model aids in developing solid working relationships and strong friendships. Finally, students may choose to enhance their international education by studying abroad in the summer on the Engaging Asia tour.

Virtually all MBA students come to the university with work experience; the average is four years. About one-third are women; two thirds hold a nonbusiness bachelor's degree; and one-fifth are international students. The program draws students from across the United States and twelve to fifteen countries.

Two years of full-time study are needed to earn the minimum of 76 credits required for the degree. See **Accelerated Program** for information about the nine- or eleven-month accelerated program. See **Administration of the Master's Degree Programs** for admission requirements.

Accelerated Program

The accelerated master's degree program is intensive, allowing outstanding undergraduate business majors from an institution accredited by the Association to Advance Collegiate Schools of Business (AACSB International) to earn an MBA degree in nine or eleven months (three or four terms) by taking fifteen courses (a minimum of 45 credits) in three or four terms. Applicants should have full-time work experience. Students must choose one of the four tracks listed above. Admission is accepted for fall, winter, or spring terms.

Oregon Executive MBA

David Boush, Executive Director
200 SW Market St., Suite L101
Portland, Oregon 97201
503-276-3622
866-996-3622 toll free
503-276-3626 fax
oemba.uoregon.edu
oemba@uoregon.edu (oemba@oemba.uoregon.edu)

The University of Oregon offers the two-year Oregon Executive Master of Business Administration (OEMBA) Program for employed mid- to senior-level executives. Classes are held in Portland one full day a week, seventeen Fridays and seventeen Saturdays per academic year. In addition to meeting standard admission criteria, applicants to this program must have substantial managerial experience and corporate sponsorship. Courses are open only to students who apply and are admitted to this program.

Master of Science or Master of Arts

The primary master's degree offered by the Lundquist College of Business is the MBA. The MS and MA degrees are awarded exclusively to students who are enrolled in a PhD program. The MA degree requires competence in a second language. The program leading to the MS or MA degree (in disciplines other than accounting) allows more specialization than the MBA program and may be adapted to a student's particular needs. The requirements are as follows:

1. Completion of the AACSB International core areas as specified by the department in the Graduate School of Management in which the majority of specialization takes place. For students without academic preparation in business, completion of the common body of business knowledge usually amounts to satisfying the MBA core courses. The manner in which this requirement is satisfied is determined by the student in consultation with his or her program committee and subject to approval
2. Completion of a minimum of 45 graduate credits beyond the MBA core courses. These should include the following:
   a. A minimum of 18 credits of course work in the primary area of specialization. A majority of this work should be taken in the college. However, specialization is defined by a subject of study and is not limited to courses offered by one department or by the Graduate School of Management
   b. A minimum of 12 credits of course work in a secondary area of study either in the Graduate School of Management or in a related field

c. A maximum of 15 credits in electives. A maximum of 9 credits of Thesis 503-can be taken at the option of the student and the program committee. For students choosing to complete a thesis, the number of credits taken for the thesis is deducted from the required number of elective credits
d. A minimum of 27 graduate credits taken in the Graduate School of Management

3. Approval of the proposed program of study by a program committee of at least two faculty members. At least one faculty member must be from the department in which the majority of specialization courses are taken:
   a. The composition of the program committee must be approved by the director of doctoral programs
   b. An approved program of study must be submitted before any courses beyond the common body of business knowledge can be taken.
4. If a thesis is undertaken, approval is required by a thesis committee of at least two faculty members. At least one faculty member must be from the department in which the majority of specialization courses is taken
   a. The composition of the thesis committee must be approved by the director of doctoral programs. The thesis committee may have different members than the program committee
   b. A thesis proposal must be approved in writing by all members of the thesis committee and submitted to the assistant dean for graduate programs before substantial work is undertaken on the thesis
   c. In case of disagreement between thesis committee members over the acceptability of the thesis, the issue is resolved by an ad hoc committee of at least three faculty members appointed by the head of the department in which the majority of specialization courses has been taken
5. Computer competence. Details of this requirement appear under **Undergraduate Programs**

Doctoral Programs

Interdisciplinary training is provided in consumer behavior (topics include judgment and decision-making, affect and emotion, values and lifestyles, social identification, and consumer response to deceptive marketing practices) or marketing strategy (topics include advertising, public policy, satisfaction and service recovery, sports marketing and corporate sponsorship, and marketer-consumer coproduction).

The student's program must satisfy the requirements of the Graduate School and the following requirements of the Lundquist College of Business.

The doctoral program requires four to five years of work while in residence on the Eugene campus.

PhD Degree Requirements

Nine doctoral courses [1]	
Five or more graduate-level statistics courses [2]	
Three graduate-level economics, mathematics, or behavioral science courses [3]	

1 The department specifies the courses. At least three courses must be taken at the University of Oregon after admission to the doctoral program.

2 Grades of mid-B or better are required; none of these courses may be taken pass/no pass. These courses may be taken outside the Lundquist College of Business. At least three courses must be completed at the university after admission to the doctoral program.

3 Courses in these areas of study are subject to final approval by the student's advisory committee and the director of doctoral programs. Each course used to meet this area requirement must be passed with a grade of mid-B or better, and at least two courses must be completed at the university after admission to the doctoral program.

Competence in Specialty

Studentsare expected to master the literature and techniques in their area of concentration, prepare to write an acceptable dissertation, and perform high-quality research. Competence is demonstrated by passing a departmental written comprehensive examination and by successfully completing one or more required research papers. The department specifies the number of required papers. To be eligible to take a comprehensive examination, students must have completed most of the course work required in the area.

Competence in Statistics and Research Methods

If the department requires an examination in statistics and research methods, it is administered and graded by a committee that includes at least two decision sciences faculty members appointed by the director of doctoral programs.

Examinations

Students must pass one written comprehensive examination in their area of concentration. Examinations are graded *high pass*, *pass*, or *no pass*. For examinations given in separate and predesignated parts, the grade may apply to each subpart. All grades are outright; a conditional pass is not permitted.

In the event of failure, a student may be allowed to retake a comprehensive examination or predesignated subpart one time, at the discretion of the department in which the student is majoring. Normally, the examination or predesignated subpart should be retaken during the term following the initial attempt, but it may be taken no sooner than two months after the initial attempt. Failure to pass the comprehensive examination or a subpart on the second attempt results in automatic termination from the PhD program.

Advancement to Candidacy

The student is advanced to candidacy for the PhD degree after satisfying the preceding requirements and upon recommendation by his or her advisory committee to the Lundquist College of Business and to the Graduate School. Advancement must occur no later than three years after the student's entry into the doctoral program.

Dissertation

The student must complete a dissertation embodying the results of research and showing evidence of originality and ability in independent investigation. The dissertation must show mastery of the literature and techniques, be written in creditable literary form, and make a contribution to knowledge.

The student is responsible for formation of a dissertation committee, subject to approval by the Lundquist College of Business and the Graduate School of the university. This committee includes at least three regular faculty members of the college and at least one member from outside the college. The chair of the committee serves as the student's

primary dissertation advisor. Before the dissertation topic is accepted by the dissertation committee, the student makes a public oral presentation and defense of the research proposal and design. When the topic is accepted by the committee, a copy of the proposal, signed as approved by the committee, is placed in the candidate's file.

The dissertation must be completed within four years of the student's advancement to candidacy. Upon petition to and approval by the PhD program committee and the Graduate School, this period may be extended for one year. Failure to complete the dissertation within this time period invalidates the student's comprehensive examinations and advancement to candidacy. The student must successfully defend the completed dissertation in a public oral examination and defense before the dissertation committee.

Grade Point Average (GPA)

The student must maintain a cumulative GPA of 3.00 or higher in graduate courses.

Termination from Program

A student's participation in the PhD program may be terminated under one or more of the following conditions:

- failure to make satisfactory progress toward advancement to candidacy
- a GPA below 3.00 for two consecutive terms
- failure to complete a dissertation within four years after advancement to candidacy

The decision to terminate will be made by the director of the PhD program after consultation with the PhD coordinator and faculty members of the department in which the student is majoring.

A student dropped from the program is notified in writing, with reasons for termination clearly explained, and a copy of the letter is placed in the student's file. The student has the right to appeal the termination decision by submitting a petition to the senior associate dean for academic affairs.

Waivers

Waiver of any of the above requirements is permitted only in exceptional instances and with the approval of the candidate's program committee, the PhD program committee, and the director of PhD programs. Under no circumstances can requirements of the Graduate School be waived by the Lundquist College of Business.

- **International Business Communication letter of mastery**
- **Certificate in Global Management**

International Business Communication

International students may earn a letter certifying mastery in international business communication. This program, directed by Ron Severson, is open to all undergraduate international students of any major; the two cross-cultural courses are open to domestic students as well.

BA361	Cross-Cultural Business Communication	4
BA362	Effective Business Writing	4
BA363	Effective Business Presentations	4
BA364	International Business Research	4
BA365	Cross-Cultural Negotiation	4
Total Credits		**20**

Certificate in Global Management

Lundquist College of Business students may earn a certificate in global management. Study abroad is highly recommended. Additional information is available in the Advising Office.

FIN463	International Finance	4
MGMT420	Managing in a Global Economy	4
MKTG470	International Marketing	4
Approved nonbusiness courses relating to an international theme		24
Two years college-level language study		
Total Credits		**36**

Courses

MKTG199. Special Studies: [Topic]. 1-5 Credits.
Repeatable.

MKTG311. Marketing Management. 4 Credits.
Product, price, promotion, and distribution decisions in consumer and industrial markets. Market segmentation, product positioning for goods and services. Marketing strategy and management. Product life cycles. Students cannot receive credit for both MKTG 311 and MKTG 311H.

MKTG311H. Marketing Management. 4 Credits.
Explores marketing strategy and tactics for profit and nonprofit organizations including start-ups and global firms. Uses cases and projects; requires intense student participation. Students cannot receive credit for both MKTG 311 and MKTG 311H.
Prereq: open only to students in the LCB honors program.

MKTG390. Marketing Research. 4 Credits.
Design, implementation, analysis, interpretation, and reporting of research for marketing decisions. Hands-on experience with techniques for data collection, statistical data analysis, and communication of results.
Prereq: MKTG 311.

MKTG401. Research: [Topic]. 1-21 Credits.
Repeatable.

MKTG405. Reading and Conference: [Topic]. 1-21 Credits.
Repeatable.

MKTG406. Special Problems: [Topic]. 1-4 Credits.
Repeatable.

MKTG407. Seminar: [Topic]. 4 Credits.
Repeatable.

MKTG409. Practicum: [Topic]. 1-21 Credits.
Repeatable.

MKTG410. Experimental Course: [Topic]. 1-4 Credits.
Repeatable.

MKTG420. Marketing Communications. 4 Credits.
Advertising, sales promotions, public relations, and personal selling. Emerging communication media. Legal regulations and ethical considerations in mass media advertising. Media planning and promotional budgets.
Prereq: MKTG 311.

MKTG435. Consumer Behavior. 4 Credits.
Applications of social science concepts to the understanding of consumers and to the optimal delivery of products and services.
Prereq: MKTG 311.

MKTG445. Entrepreneurial Marketing. 4 Credits.
Techniques for analyzing and developing new markets. Pricing, communicating, and distributing new products or services with limited resources. Developing marketing plans for new ventures.
Prereq: MKTG 311.

MKTG470. International Marketing. 4 Credits.
Analysis and development of marketing strategy and tactics for multinational and global markets.
Prereq: one from BA 317, MKTG 311, 311H.

MKTG490. Marketing Strategy. 4 Credits.
Capstone marketing course. Primary focus on developing and implementing marketing strategies and determining their impact on customer satisfaction and profitability.
Prereq: MKTG 390; MKTG 420 or SBUS 452.

MKTG503. Thesis. 1-16 Credits.
Repeatable.

MKTG510. Experimental Course: [Topic]. 1-4 Credits.
Repeatable.

MKTG601. Research: [Topic]. 1-16 Credits.
Repeatable.

MKTG603. Dissertation. 1-16 Credits.
Repeatable.

MKTG605. Reading and Conference: [Topic]. 1-16 Credits.
Repeatable.

MKTG607. Seminar: [Topic]. 1-5 Credits.
Repeatable.

MKTG608. Special Topics: [Topic]. 1-12 Credits.
Repeatable.

MKTG609. Practicum: [Topic]. 1-16 Credits.
Repeatable.

MKTG610. Experimental Course: [Topic]. 1-5 Credits.
Repeatable. Recent topics include New Product Development, Demand and Supply Chain Management.

MKTG612. Marketing Management. 3 Credits.
Marketing Management addresses market analysis and segmentation, targeting, and positioning. Emphasis is on marketing strategies designed to deliver superior customer value and achieve organizational objectives.

MKTG660. Marketing Research. 3 Credits.
Marketing research as a tool for decision-making. Planning research projects; design, measurement, experimental and nonexperimental techniques, analysis and interpretation of data; reporting research results.
Prereq: completion of first-year MBA core.

MKTG665. Marketing Strategy. 3 Credits.
Relationship between marketing and other functional areas of a business. Emphasis on case analysis as a means of acquiring both planning and operational skills.
Prereq: completion of first-year MBA core.

MKTG687. Theory and Research in Marketing Management. 3 Credits.
Application of marketing concepts and of economics, management science, and behavioral science to the management of the product, price, promotion, and distribution variables.
Prereq: doctoral standing.

MKTG689. Theory and Research in Consumer Behavior. 3 Credits.
The applicability of behavioral theories and methodologies to the understanding of the consumption process.
Prereq: doctoral standing.

Courses

SBUS199. Special Studies: [Topic]. 1-4 Credits.
Repeatable.

SBUS401. Research: [Topic]. 1-4 Credits.
Repeatable.

SBUS405. Readings and Conference: [Topic]. 1-4 Credits.
Repeatable.

SBUS406. Special Problems: [Topic]. 4 Credits.
Repeatable.

SBUS407. Seminar: [Topic]. 4 Credits.
Repeatable.

SBUS409. Practicum: [Topic]. 1-4 Credits.
Repeatable.

SBUS410. Experimental Course: [Topic]. 1-4 Credits.
Repeatable. Recent topics include Sports Economics, International Sport, and Sports and Technology.

SBUS450. Sports Marketing. 4 Credits.
Essentials of effective sports marketing. Includes research, segmentation, product development, pricing, licensing, and communication channels such as advertising, sales promotion, and publicity.
Prereq: MKTG 311.

SBUS452. Sports Sponsorship. 4 Credits.
Detailed consideration of the relationship between sports and corporate sponsorship programs. Focuses on alignment marketing, sponsor value, and sponsorship evaluation.
Prereq: MKTG 311 or 311H.

SBUS453. Law and Sports Marketing. 4 Credits.
Law and sports marketing, including contracts, legal aspects of licensing, relations with agents, intellectual properties law. Public policy issues.
Prereq: MKTG 311 or 311H.

SBUS455. Financing Sports Business. 4 Credits.
Revenue sources for sports organizations. Includes conventional sources (e.g., tax support, bonds, ticket, media, concession sales) and innovations (e.g, initial public offerings, seat licenses, naming rights).
Prereq: MKTG 311 or 311H.

SBUS510. Experimental Course: [Topic]. 1-4 Credits.
Repeatable. Recent topics include Sports Economics, International Sport, and Sports and Technology.

SBUS601. Research: [Topic]. 1-4 Credits.
Repeatable.

SBUS605. Reading: [Topic]. 1-4 Credits.
Repeatable.

SBUS607. Seminar: [Topic]. 1-4 Credits.
Repeatable.

SBUS608. Special Topics: [Topic]. 1-4 Credits.
Repeatable.

SBUS609. Practicum: [Topic]. 1-9 Credits.
Repeatable.

SBUS610. Experimental Course: [Topic]. 3 Credits.
Repeatable. A recent topic is Case Studies in Sports Business.

SBUS645. Sports Product. 3 Credits.
Examines the companies and organizations of the international sports product industry: manufacturing innovation, company management, branding, retail and wholesale.

SBUS650. Marketing Sports Properties. 3 Credits.
Examines essentials of effective sports marketing. Includes product or property development, legal aspects, segmentation, pricing, and communication channels (e.g., broadcast media).
Prereq: completion of first-year M.B.A. core.

SBUS652. Sports Sponsorship Alliances. 3 Credits.
Detailed consideration of the relation between sports, law, and corporate sponsorship programs. Focuses on alignment marketing issues, strategic communication through sponsorship, sponsor value, and sponsorship valuation.
Prereq: completion of first-year MBA core.

SBUS653. Legal Aspects of Sports Business. 3 Credits.
Examines social responsibility and legal concepts in sports management including constitutional regulatory powers, individual participation rights, drug testing, antitrust, labor rights, intellectual property rights, sponsorships, product and event liability.

SBUS655. Economic Aspects of Sports. 3 Credits.
Comprehensive coverage of traditional and innovative revenue methods available to sports organizations from public and private sources. Detailed consideration of venue-based income sources (e.g., premium seating, permanent seat licenses).
Prereq: completion of first-year MBA core.

Operations and Business Analytics

Sergio Koreisha, Department Head
Advising Office
203 Peterson Hall

The undergraduate curriculum in the Department of Operations and Business Analytics is designed for students who want to prepare for a career in applied statistics, operations management, management information systems, or a management career with a strong emphasis in these areas.

The Department of Operations and Business Analytics offers an undergraduate concentration in information systems and operations management. These courses introduce the major concepts and techniques of analytic decision-making, information technology, supply-chain operations, and e-business. To support these topics, the department also offers courses in statistics.

Faculty

Cathy E. Barnes, instructor. BA, 1981, Minnesota, Minneapolis; MS, 1983, Washington (Seattle). (1990)

James C. Bean, professor (operations research). BS, 1977, Harvey Mudd; MS, 1979, PhD, 1980, Stanford. (2004)

Eren Cil, assistant professor (service operations, applied game theory, queuing theory and supply-chain management). BS, 2006, Middle Eastern Technical; MS, 2006, Koc; PhD, 2010, Northwestern. (2010)

Yue Fang, associate professor (financial econometrics, forecasting, time series analysis). BA, 1984, MA, 1987, Tsinghua; MS, 1994, PhD, 1996, Massachusetts Institute of Technology. (1996)

Xing Hu, assistant professor (revenue management, supply-chain management, operations and marketing interface). BS, 2006, Peking; MPhil, 2008, PhD, 2012, New York University. (2011)

Sergio Koreisha, professor (forecasting, time series analysis, econometric modeling). BS, 1974, MEngr, 1975, California, Berkeley; DBA, 1980, Harvard. (1980)

Nagesh N. Murthy, Booth Professor; associate professor (supply-chain management, revenue management, new product development). BE, 1982, MMS, 1983, Birla Institute of Technology; MS, 1988, MA, 1994, PhD, 1997, Ohio State. (2003)

Michael Pangburn, associate professor (supply chains, information management, operations management). BS, 1990, Virginia Polytechnic Institute and State University; MS, 1993, PhD, 1997, Rochester. (2002)

Craig Rolling, assistant professor (statistical analysis, model selection). BS, 1998, PhD, 2014, Minnesota, Twin Cities. (2014)

Zhixi Wan, assistant professor (supply-chain management, sourcing and procurement strategies, behavioral operations). BS, 2003, Tsinghua; PhD, 2009, Michigan. (2014)

Wenbo Wu, assistant professor (statistical analysis, business analytics). BS, 2007, Texas, Austin; MS, 2010, Central Florida; PhD, 2015, Georgia. (2015)

Zhibin Yang, associate professor (operations management, supply-chain risk management, supply contract design). BS, 1994, Southwest Jiaotong; MS, 2002, Arizona State; PhD, 2009, Michigan, Ann Arbor. (2009)

Fang Yin, instructor (electronic commerce, recommender systems, business value of IT). BA, 1992, Peking; PhD, 2002, Texas, Austin. (2008)

Yongli Zhang, assistant professor (data mining, high-dimensional data, model selection). BS, 1996, Science and Technology of China; MS, 2003, Ohio State; PhD, 2007, Minnesota, Twin Cities. (2010)

Emeriti

James E. Reinmuth, professor emeritus. BA, 1963, Washington (Seattle); MS, 1965, PhD, 1969, Oregon State. (1967)

Larry E. Richards, associate professor emeritus. BA, 1962, MBA, 1963, Washington (Seattle); PhD, 1969, California, Los Angeles. (1966)

The date in parentheses at the end of each entry is the first year on the University of Oregon faculty.

- **Bachelor of Arts: Business Administration**
- **Bachelor of Science: Business Administration**

- **Minor in Business Administration**

Undergraduate Programs

Academic Requirements

To earn an undergraduate degree in the Lundquist College of Business, a student must be an admitted major in good academic standing with the college and the university. Two sets of requirements must be completed: general university requirements and college requirements.

The college is firmly committed to an undergraduate degree program in business based on a solid foundation in the arts and sciences. Students may not earn two majors in the Lundquist College of Business; in other words, a student who has an undergraduate degree in business administration cannot earn another undergraduate degree from the college. See the **Bachelor's Degree Requirements** section of this catalog for specific requirements for bachelor's degrees and for general-education and university requirements.

Students must satisfy the upper-division business core and major requirements in effect when they are admitted as majors.

For a more detailed explanation of requirements for majors, students should pick up the undergraduate degree programs handout in the Advising Office.

Business Premajor Admission

New students planning to earn a bachelor's degree in the Lundquist College of Business enter the university as business premajors. Transfer students and university students from other majors may become business premajors by submitting a Request for Addition or Deletion Major form, available in the Advising Office. Students who seek premajor status in business should meet with an advisor in the college if their GPA is below 3.00. Business premajors typically are not eligible to take most 300- and 400-level business courses. Business premajor status does not guarantee admission to the accounting or business administration major.

Business premajors typically spend the first two years fulfilling general education and premajor requirements.

Premajor Requirements

Junior Standing

Course work of 90 or more credits must be complete.

GPA Requirement

A 3.00 cumulative grade point average in all college course work including transfer work must be earned. The college includes all course work when calculating the cumulative GPA for admission to the major

English Competence

International students must have a Test of English as a Foreign Language (TOEFL) score of at least 575 (paper-based test), 233 (computer-based test), 89 (Internet-based test), an International English Language Testing System (IELTS) score of 7.0, or have completed the Academic English for International Students (AEIS) program.

Holistic Review

Students who have taken all required business premajor course work but fall slightly below the minimum GPA requirements may be considered for admission under a holistic review process. For more details, interested students may visit an academic advisor in 203 Peterson Hall.

Business Premajor Courses

Core Courses [1]		
BA101	Introduction to Business	4
ACTG211	Introduction to Accounting I	4
ACTG213	Introduction to Accounting II	4
EC201	Introduction to Economic Analysis: Microeconomics	4
EC202	Introduction to Economic Analysis: Macroeconomics	4
Additional Courses [2]		
Select one of the following:		8
WR121 &WR122	College Composition I and College Composition II	
WR121 &WR123	College Composition I and College Composition III	
BA240	Managing Business Information	4
MATH241–242	Calculus for Business and Social Science I-II	8
MATH243	Introduction to Methods of Probability and Statistics	4
Total Credits		**44**

1. A3.00 GPA and a minimum grade of C– in core courses are required for admission to the major. Premajor requirements must be taken for letter grades. If a graded course is repeated, both course grades are counted in computing the cumulative GPA, but only the second grade is used in calculating the core GPA. Core courses may be repeated only once.
2. Must be taken for letter grades and passed with grades of C– or better.

Application to the Major

Students must submit a formal application for admission to the major. Students apply for major status one term before they plan to take upper-division business courses.

Applications are due the first week of the term for admission the following term. To be eligible for admission as a major, a student must apply before the term deadline. Applications are not accepted during summer session. Application forms are available on the college website. Students who are completing their final term of business premajor requirements may submit applications.

Bachelor of Arts Degree Requirements

Upper-Division Core

FIN311	Economic Foundations of Competitive Analysis	4
MKTG311	Marketing Management	4
FIN316	Financial Management	4
MGMT321	Managing Organizations	4
BE325	Global, Legal, Social Environment of Business	4
OBA330	Business Statistics	4

OBA335	Operations Management	4
OBA340	Business Information Systems	4
BA352	Leadership and Communication	4
BA453	Business Strategy and Planning	4
Total Credits		**40**

Upper-division core courses typically are completed during junior year.

Business Administration Requirements

Seven business courses from at least three business departments [1]	
General-education requirements	54
Nonbusiness breadth requirement courses [2]	24
Global context courses [3]	12
Total Credits	**90**

1. Four of the courses may be taken in one concentration area. Concentrations are optional and do not appear on UO academic transcripts or diplomas.
2. Courses should be an interrelated and coherent set consistent with the student's career goals. A nonbusiness minor meets this requirement, as does two years of language study. Nonbusiness breadth plans must be approved and on file in the Advising Office; assistance in planning individualized programs is available in the advising office.
3. Courses focus on international, cultural, historical, political, economic, or social issues of a geographic region and the culture of one country or region other than the student's native country. Language courses beyond the first year satisfy this requirement. Global context plans must be approved by an advisor in the Advising Office.

Concentration: Information Systems and Operations Management

Select four of the following:		16
OBA433	Information Analysis for Managerial Decisions	4
OBA444	Business Database Management Systems	4
OBA466	Project and Operations Management Models	4
OBA477	Supply-Chain Operations and Information	4
OBA488	E-Business	4
Total Credits		**36**

The 400-level courses are typically taken in the senior year.

Bachelor of Science Degree Requirements

Upper-Division Core

FIN311	Economic Foundations of Competitive Analysis	4
MKTG311	Marketing Management	4
FIN316	Financial Management	4
MGMT321	Managing Organizations	4
BE325	Global, Legal, Social Environment of Business	4
OBA330	Business Statistics	4
OBA335	Operations Management	4
OBA340	Business Information Systems	4
BA352	Leadership and Communication	4
BA453	Business Strategy and Planning	4
Total Credits		**40**

Upper-division core courses typically are completed during junior year.

Business Administration Requirements

Seven business courses from at least three business departments [1]	
General-education requirements	54
Nonbusiness breadth requirement courses [2]	24
Global context courses [3]	12
Total Credits	**90**

1. Four of the courses may be taken in one concentration area. Concentrations are optional and do not appear on UO academic transcripts or diplomas.
2. Courses should be an interrelated and coherent set consistent with the student's career goals. A nonbusiness minor meets this requirement, as does two years of language study. Nonbusiness breadth plans must be approved and on file in the Advising Office; assistance in planning individualized programs is available in the advising office.
3. Courses focus on international, cultural, historical, political, economic, or social issues of a geographic region and the culture of one country or region other than the student's native country. Language courses beyond the first year satisfy this requirement. Global context plans must be approved by an advisor in the Advising Office.

Concentration: Information Systems and Operations Management

Select four of the following:		16
OBA433	Information Analysis for Managerial Decisions	4
OBA444	Business Database Management Systems	4
OBA466	Project and Operations Management Models	4
OBA477	Supply-Chain Operations and Information	4
OBA488	E-Business	4
Total Credits		**36**

The 400-level courses are typically taken in the senior year.

Definitions, Limitations, and Policies

Transfer Students

The sequential nature of this program requires careful academic planning. Students who want to transfer to the college are encouraged to meet with an advisor in the Lundquist College of Business early in their academic careers. Studentsare admitted to the university as business premajors. Once admitted, they may apply for major status in accordance

with the procedure described. Applications are due the first Friday of the term for admission the following term.

Second Bachelor's Degree

A student who has a bachelor's or master's degree in a field of business administration may not earn a second bachelor's degree in business. Students who have earned a nonbusiness degree and want a second degree in a field of business must be admitted to the university as postbaccalaureate nongraduate students. Second-degree candidates must meet the same admission requirements and follow the same application process described.

Students retain business premajor status until admission requirements are completed or waived because of completed course work. Second-degree students must complete the same upper-division requirements as first-degree candidates. The Second Bachelor's Degree section of this catalog, under **Bachelor's Degree Requirements**, lists university requirements for a second bachelor's degree; the Advising Office has information about Lundquist College requirements.

Residence Requirement

Students must complete a minimum of 44 upper-division credits in regularly scheduled Lundquist College of Business courses. With the department head's approval, credits may be transferred from other accredited institutions, independent study, or approved courses in other departments.

Grading

Premajor required courses and upper-division courses must be taken for letter grades and passed with grades of C– or better. See the **Registration and Academic Policies** section of this catalog for an explanation of the university's grading systems.

Upper-Division Courses

Courses for the minor are open to nonmajors, and courses for the certificate in international business communication are open to students whose native language is not English. Only admitted majors in the Lundquist College of Business may enroll in all other 300- and 400-level business courses.

Continuous Progress

Students who do not attend the university for an extended period of time after being admitted as a major may be required to reapply for admission and fulfill current major requirements if the UO Catalog for the last year of attendance has expired. See Catalog Expiration and Requirements Policies in the **Reader's Guide to the Catalog** (p. 5)**.**

Business Administration Minor

All professions and organizations, public and private, operate according to business principles. Earning a minor in business administration prepares students to participate in organizational conversations and become leaders within their future professions. The minor in business administration is open to students from all majors other than business administration and accounting. Completing the minor requires 24 credits of course work, which can be completed in one academic year.

Students can declare a minor in business administration online at the college's website, where a checklist of requirements can be found. Advising assistance is available in the Advising Office.

To be admitted to the minor program, students must have a 2.00 cumulative GPA. Twelve upper-division credits must be taken in the Lundquist College of Business. Upper-division business courses must be taken for letter grades. Students must earn a C– or better in all courses taken for a letter grade to fulfill minor requirements. When minor requirements have been completed and notification of application for a degree has been received from the Office of the Registrar, the student is cleared for the minor.

Lower Division		
BA101	Introduction to Business	4
ACTG211	Introduction to Accounting I	4
orBA215	Accounting: Language of Business Decisions	
Upper Division		
BA315	Economy, Industry, and Competitive Analysis	4
BA316	Management: Creating Value through People	4
BA317	Marketing: Creating Value for Customers	4
BA318	Finance: Creating Value through Capital	4
Total Credits		**24**

- **Master of Business Administration**
- **Master of Arts**
- **Master of Science**
- **Doctor of Philosophy**

Graduate Programs

Master of Business Administration

302 Peterson Hall
Lillis Business Complex
541-346-3306
541-346-0073 fax

The Lundquist College of Business MBA degree embodies the college's emphasis on interdisciplinary study, experiential learning, research excellence, and a supportive learning environment.

True to this interdisciplinary focus, the MBA curriculum consists of four tracks: innovation and entrepreneurship, finance and securities analysis, sports business, and sustainable business practices. Building on a common core of foundational courses in accounting, decision sciences, finance, management, and marketing, students must choose one of these curricular tracks when applying to the program.

The four tracks of the MBA curriculum are aligned with the college's centers—the Lundquist Center for Entrepreneurship, the Finance and Securities Analysis Center, the Center for Sustainable Business Practices, and the James H. Warsaw Sports Marketing Center. The centers not only promote research collaboration among faculty members from different departments, but they also facilitate student interactions with industry professionals and provide practical, real-world learning opportunities. These include internships, business planning ventures, competitions, and one- or two-term consulting projects in the second year. In addition, the Leadership and Communication Center works with students on professional skills assessment, leadership, and team dynamics as well as presentation and other communication skills, beginning with an extended orientation.

Strong faculty engagement and the state-of-the art facilities of the Lillis Business Complex create an ideal learning environment. An emphasis on group work ensures that students get to know one another and their instructors well. In addition, a strong cohort model aids in developing solid working relationships and strong friendships. Finally, students may choose to enhance their international education by studying abroad in the summer on the Engaging Asia tour.

Virtually all MBA students come to the university with work experience; the average is four years. About one-third are women; two thirds hold a nonbusiness bachelor's degree; and one-fifth are international students. The program draws students from across the United States and twelve to fifteen countries.

Two years of full-time study are needed to earn the minimum of 76 credits required for the degree. See **Accelerated Program** for information about the nine- or eleven-month accelerated program. See **Administration of the Master's Degree Programs** for admission requirements.

Accelerated Program

The accelerated master's degree program is intensive, allowing outstanding undergraduate business majors from an institution accredited by the Association to Advance Collegiate Schools of Business (AACSB International) to earn an MBA degree in nine or eleven months (three or four terms) by taking fifteen courses (a minimum of 45 credits) in three or four terms. Applicants should have full-time work experience. Students must choose one of the four tracks listed above. Admission is accepted for fall, winter, or spring terms.

Oregon Executive MBA

David Boush, Executive Director
200 SW Market St., Suite L101
Portland, Oregon 97201
503-276-3622
866-996-3622 toll free
503-276-3626 fax
oemba.uoregon.edu
oemba@uoregon.edu (oemba@oemba.uoregon.edu)

The University of Oregon offers the two-year Oregon Executive Master of Business Administration (OEMBA) Program for employed mid- to senior-level executives. Classes are held in Portland one full day a week, seventeen Fridays and seventeen Saturdays per academic year. In addition to meeting standard admission criteria, applicants to this program must have substantial managerial experience and corporate sponsorship. Courses are open only to students who apply and are admitted to this program.

Master of Science or Master of Arts

The primary master's degree offered by the Lundquist College of Business is the MBA. The MS and MA degrees are awarded exclusively to students who are enrolled in a PhD program. The MA degree requires competence in a second language. The program leading to the MS or MA degree (in disciplines other than accounting) allows more specialization than the MBA program and may be adapted to a student's particular needs. The requirements are as follows:

1. Completion of the AACSB International core areas as specified by the department in the Graduate School of Management in which the majority of specialization takes place. For students without academic preparation in business, completion of the common body of business knowledge usually amounts to satisfying the MBA core courses. The manner in which this requirement is satisfied is determined by the student in consultation with his or her program committee and subject to approval
2. Completion of a minimum of 45 graduate credits beyond the MBA core courses. These should include the following:
   a. A minimum of 18 credits of course work in the primary area of specialization. A majority of this work should be taken in the college. However, specialization is defined by a subject of study and is not limited to courses offered by one department or by the Graduate School of Management
   b. A minimum of 12 credits of course work in a secondary area of study either in the Graduate School of Management or in a related field
   c. A maximum of 15 credits in electives. A maximum of 9 credits of Thesis 503-can be taken at the option of the student and the program committee. For students choosing to complete a thesis, the number of credits taken for the thesis is deducted from the required number of elective credits
   d. A minimum of 27 graduate credits taken in the Graduate School of Management
3. Approval of the proposed program of study by a program committee of at least two faculty members. At least one faculty member must be from the department in which the majority of specialization courses are taken:
   a. The composition of the program committee must be approved by the director of doctoral programs
   b. An approved program of study must be submitted before any courses beyond the common body of business knowledge can be taken.
4. If a thesis is undertaken, approval is required by a thesis committee of at least two faculty members. At least one faculty member must be from the department in which the majority of specialization courses is taken
   a. The composition of the thesis committee must be approved by the director of doctoral programs. The thesis committee may have different members than the program committee
   b. A thesis proposal must be approved in writing by all members of the thesis committee and submitted to the assistant dean for graduate programs before substantial work is undertaken on the thesis
   c. In case of disagreement between thesis committee members over the acceptability of the thesis, the issue is resolved by an ad hoc committee of at least three faculty members appointed by the head of the department in which the majority of specialization courses has been taken
5. Computer competence. Details of this requirement appear under **Undergraduate Programs**

Doctoral Programs

The emphasis of the PhD in decision sciences is on supply-chain coordination and risk management, operations-marketing interface and retail operations, sustainable operations and supply-chain management, service operations, strategic pricing and revenue management.

The student's program must satisfy the requirements of the Graduate School and the following requirements of the Lundquist College of Business.

The doctoral program typically requires four years of postmaster's degree work while in residence on the Eugene campus.

PhD Degree Requirements

Core Courses [1]	
Three econometrics and advanced statistics-probability courses	
Four optimization method courses	
Three foundations of economic analysis courses	
Two advanced mathematical tool courses	
Supporting Courses	
Four courses from among accounting, finance, marketing, statistics, operations management, microeconomics, and linear algebra [2]	

1. Students are required to take at least twelve core courses passed with grades of B– or better; none of these courses may be taken pass/no pass. They may be taken outside the Lundquist College subject to the approval of the faculty advisor. At least eight courses must be completed at the UO after admission to the doctoral program.
2. Courses must be passed with a grade of mid-B or better. At least two courses must be completed at the UO after admission to the doctoral program.

Advancement to Candidacy

The student is advanced to candidacy for the PhD degree after satisfying the preceding requirements and upon recommendation by his or her advisory committee to the Lundquist College of Business and to the Graduate School. Advancement must occur no later than three years after the student's entry into the doctoral program.

Examinations

The student must pass one written comprehensive examination in his or her primary area. Examinations are graded high pass, pass, or no pass. For examinations given in separate and predesignated parts, the grade may apply to each subpart. All grades are outright; a conditional pass is not permitted.

In the event of failure, a student may be allowed to retake a comprehensive examination or predesignated subpart one time, at the discretion of the department in which the student is majoring. Typically, the examination or predesignated subpart should be retaken during the term following the initial attempt, but it may be taken no sooner than two months after the initial attempt. Failure to pass the comprehensive examination or a subpart on the second attempt results in automatic termination from the PhD program.

Dissertation

The student must complete a dissertation embodying the results of research and showing evidence of originality and ability in independent investigation. The dissertation must show mastery of the literature and techniques, be written in creditable literary form, and make a contribution to knowledge.

The student is responsible for formation of a dissertation committee, subject to approval by the Lundquist College of Business and the Graduate School of the university. This committee includes at least three regular faculty members of the college and at least one member from outside the college. The chair of the committee serves as the student's primary dissertation advisor. Before the dissertation topic is accepted by the dissertation committee, the student makes a public oral presentation and defense of the research proposal and design. When the topic is accepted by the committee, a copy of the proposal, signed as approved by the committee, is placed in the candidate's file.

The dissertation must be completed withinfour years of the student's advancement to candidacy. Upon petition to and approval by the PhD program committee and the Graduate School, this period may be extended for one year. Failure to complete the dissertation within this time period invalidates the student's comprehensive examinations and advancement to candidacy. The student must successfully defend the completed dissertation in a public oral examination and defense before the dissertation committee.

Grade Point Average (GPA)

The student must maintain a cumulative GPA of 3.00 or higher in graduate courses.

Termination from Program

A student's participation in the PhD program may be terminated under one or more of the following conditions:

- failure to make satisfactory progress toward advancement to candidacy
- a GPA below 3.00 for two consecutive terms
- failure to complete a dissertation within four years after advancement to candidacy

The decision to terminate will be made by the director of the PhD program after consultation with the PhD coordinator and faculty members of the department in which the student is majoring.

A student dropped from the program is notified in writing, with reasons for termination clearly explained, and a copy of the letter is placed in the student's file. The student has the right to appeal the termination decision by submitting a petition to the senior associate dean for academic affairs.

Waivers

Waiver of any of the above requirements is permitted only in exceptional instances and with the approval of the candidate's program committee, the PhD program committee, and the director of PhD programs. Under no circumstances can requirements of the Graduate School be waived by the Lundquist College of Business.

- **International Business Communication letter of mastery**
- **Certificate in Global Management**

International Business Communication

International students may earn a letter certifying mastery in international business communication. This program, directed by Ron Severson, is open to all undergraduate international students of any major; the two cross-cultural courses are open to domestic students as well.

BA361	Cross-Cultural Business Communication	4
BA362	Effective Business Writing	4
BA363	Effective Business Presentations	4
BA364	International Business Research	4

BA365	Cross-Cultural Negotiation	4
Total Credits		**20**

Certificate in Global Management

Lundquist College of Business students may earn a certificate in global management. Study abroad is highly recommended. Additional information is available in the Advising Office.

FIN463	International Finance	4
MGMT420	Managing in a Global Economy	4
MKTG470	International Marketing	4
Approved nonbusiness courses relating to an international theme		24
Two years college-level language study		
Total Credits		**36**

Courses

OBA199. Special Studies: [Topic]. 1-5 Credits.
Repeatable.

OBA330. Business Statistics. 4 Credits.
Computer-aided business applications of hypothesis testing, simple linear regression. Introduction to multiple regression andnonparametric techniques. Blocked and completely randomized one- and two-factor experimental designs. Students cannot receivecredit for both OBA 330 and OBA 330H.

OBA330H. Business Statistics. 4 Credits.
Review of hypothesis testing and confidence intervals. Regression analysis: computer-aided model formulation and diagnostic testing. Making decisions under uncertainty. Students cannot receive credit for both OBA 330 and OBA 330H.
Prereq: open only to students in the LCB honors program.

OBA335. Operations Management. 4 Credits.
Concepts and applications of operations management. Use of information technology in operations. Topics include forecasting, quality, supply chain management, information systems in operations management, and planning and scheduling. Students cannot receive credit for both OBA 335 and OBA 335H.
Pre- or coreq: OBA 330.

OBA335H. Operations Management. 4 Credits.
Planning and control of manufacturing and service operations with an emphasis on supply chain management. Students cannot receivecredit for both OBA 335 and OBA 335H.
Pre/coreq: OBA 330 or OBA 330H. Open only to students in the LCB honors program.

OBA340. Business Information Systems. 4 Credits.
Explores standard protocols for describing and modeling business information and processes; techniques for designing management information systems; criteria for analyzing firms' implementations of information technology. Students cannot receive credit for both OBA 340 and OBA 340H.

OBA340H. Business Information Systems. 4 Credits.
Explores standard protocols for describing and modeling business information and processes; techniques for designing management information systems; criteria for analyzing firms' implementations of information technology. Students may not receive credit for both OBA 340 and OBA 340H.
Prereq: open only to students in the LCB honors program.

OBA401. Research: [Topic]. 1-21 Credits.
Repeatable.

OBA403. Thesis. 1-6 Credits.
Repeatable.

OBA405. Reading and Conference: [Topic]. 1-3 Credits.
Repeatable.

OBA406. Special Problems: [Topic]. 1-4 Credits.
Repeatable.

OBA407. Seminar: [Topic]. 1-4 Credits.
Repeatable.

OBA409. Practicum: [Topic]. 1-6 Credits.
Repeatable.

OBA410. Experimental Course: [Topic]. 1-4 Credits.
Repeatable. A recent topic is Multivariate Statistical Methods.

OBA433. Information Analysis for Managerial Decisions. 4 Credits.
Leveraging information to manage risk and improve decisions; data-driven approaches for discovering business trends and strategic opportunities, including techniques for data-mining and analyzing empirical data.
Prereq: OBA 330.

OBA444. Business Database Management Systems. 4 Credits.
Techniques for structuring and storing business data; primary focus on relational database theory, with applied skills for business users, including data warehouses, reporting, and normalization.
Prereq: OBA 340 or OBA 340H.

OBA466. Project and Operations Management Models. 4 Credits.
Frameworks and solutions for managing complex projects and operations; implementing optimal strategies for producing profitable new products and services in the competitive global business environment.
Prereq: OBA 335 or 335H.

OBA477. Supply-Chain Operations and Information. 4 Credits.
Strategic and tactical issues pertaining to the distribution and delivery of products and services. Methodologies and systems for designing, tracking, and managing complex global operations.
Prereq: OBA 335 or 335H.

OBA488. E-Business. 4 Credits.
Fundamental principles of electronic business; effect of e-business on business strategies, processes, customers, and suppliers; assessing the impact of e-business technologies on firm performance.
Prereq: OBA 340 or 340H or CIT 382.

OBA503. Thesis. 1-16 Credits.
Repeatable.

OBA510. Experimental Course: [Topic]. 1-4 Credits.
Repeatable. A recent topic is Multivariate Statistical Methods.

OBA533. Information Analysis for Managerial Decisions. 4 Credits.
Leveraging information to manage risk and improve decisions; data-driven approaches for discovering business trends and strategic opportunities, including techniques for data-mining and analyzing empirical data.
Prereq: all MBA core courses.

OBA544. Business Database Management Systems. 4 Credits.
Techniques for structuring and storing business data; primary focus on relational database theory, with applied skills for business users, including data warehouses, reporting, and normalization.
Prereq: all MBA core courses.

OBA566. Project and Operations Management Models. 4 Credits.
Frameworks and solutions for managing complex projects and operations; implementing optimal strategies for producing profitable new products and services in the competitive global business environment.
Prereq: all MBA core courses.

OBA577. Supply-Chain Operations and Information. 4 Credits.
Strategic and tactical issues pertaining to the distribution and delivery of products and services. Methodologies and systems for designing, tracking, and managing complex global operations.
Prereq: all MBA core courses.

OBA588. E-Business. 4 Credits.
Fundamental principles of electronic business; effect of e-business on business strategies, processes, customers, and suppliers; assessing the impact of e-business technologies on firm performance.
Prereq: all MBA core courses.

OBA601. Research: [Topic]. 1-16 Credits.
Repeatable.

OBA603. Dissertation. 1-16 Credits.
Repeatable.

OBA605. Reading and Conference: [Topic]. 1-3 Credits.
Repeatable.

OBA607. Seminar: [Topic]. 1-3 Credits.
Repeatable.

OBA608. Special Topics: [Topic]. 1-12 Credits.
Repeatable.

OBA609. Practicum: [Topic]. 1-16 Credits.
Repeatable.

OBA610. Experimental Course: [Topic]. 1-5 Credits.
Repeatable.

OBA612. Quantitative Methods for Managers. 3 Credits.
Concepts and techniques of analytic decision making, sampling and statistical inference, and regression analysis.

OBA613. Operations Management. 3 Credits.
Overview of the managerial issues associated with production and delivery of goods and services. Includes the use of quantitative modeling and several case studies in operations.

College of Education

Randy Kamphaus, Dean
541-346-3405
170 Lorry I. Lokey Education Building
1215 University of Oregon
Eugene OR 97403-1215

Preparing Educators in the 21st Century

The College of Education's academic majors are organized into four departments: counseling psychology and human services; educational methodology, policy, and leadership; education studies; and special education and clinical sciences.

The college offers undergraduate, master's, and doctoral degrees and preparation for licensure. Students become active learners as they accumulate an understanding of disciplinary content and develop professional knowledge and skills that prepare them for careers in education or the social services. Surveys of graduates from the College of Education indicate that the great majority are successful in securing employment or continuing their professional preparation in their chosen field.

With school, community, and clinical partners, the college's nationally prominent teaching and research faculty offers opportunities for student practicum and field-based experiences in professional settings where effective policy and practice is created and then implemented.

Academic, research, and outreach service units provide integrated and cross-disciplinary learning experiences that help students acclimate to their professions, develop initial competence, acquire advanced proficiency, and become practicing professionals and scholars.

The College of Education is ranked by *U.S. News and World Report* as one of the nation's top colleges of education. Its scholarship, teaching, and practical learning opportunities offer students a respectful and affirming climate, a culture of belonging, and an inclusive learning environment.

Admission

The College of Education follows university policy in its admission procedures as described in the **Admissions** and **Graduate School** sections of this catalog. Students who transfer from other institutions must meet university entrance requirements. Programs in the College of Education have additional requirements for admission and limits on the number of students admitted to the major or licensure programs. Prospective students are urged to check admission requirements for their desired programs.

Financial Assistance

Scholarships

Scholarships are available for undergraduate and graduate students. Application requirements and procedures may be requested from Andrea Olson, Office of the Dean; telephone 541-346-5943; e-mail coescholarships@uoregon.edu.

Stipends and Fellowships

Stipends and fellowships frequently are awarded to graduate students. Both forms of assistance may cover most of the cost of tuition and provide a monthly cash payment. Information for graduate teaching fellows is available on the college's website.

Information about financial assistance is listed in the application materials for each major and on the College of Education's website. Application deadlines should be followed to receive consideration for aid. Information about university scholarships and loan programs is available from the Office of Student Financial Aid and Scholarships, 260Oregon Hall.

Dismissal

Majors and specializations in the College of Education require field placements in community settings such as public schools, community preschools, mental health clinics, correctional institutions, and welfare programs. Many placements are with vulnerable groups such as young children; juvenile offenders; or individuals with disabilities, mental health, adjustment, or learning problems. During these placements students interact with professionals and often are recipients of confidential or sensitive information. Consequently, it is imperative that College of Education students adhere to high ethical and moral standards. The University of Oregon and each major in the College of Education has written ethical standards or a code of conduct for its students. In an instance where evidence exists that a student may have violated the university's conduct code or a program's written ethical standards or code of conduct, the student will immediately be removed from the field placement until the matter is resolved. A student found to be in violation may be terminated from the College of Education and not permitted to reenter.

Academic Programs

K. Brigid Flannery, Associate Dean
brigidf@uoregon.edu

The College of Education offers accredited bachelor's, master's, and doctoral degrees and professional-development programs. Often, in concert with an academic degree, majors offer programs leading to state licensure for employment in Oregon public schools. These licenses are conferred by the state Teacher Standards and Practices Commission (TSPC), the agency authorized by the Oregon Legislative Assembly to issue licenses for teaching, personnel service, or administration in public schools. The TSPC issues appropriate licenses to applicants upon the university's recommendation that they have successfully completed the relevant licensure program. The State of Oregon has reciprocal administrative, teaching, and personnel service license agreements with most other states and Puerto Rico. Students who receive a license from the State of Oregon will most likely find the application process for a license in another state easier, especially if the licensing standards are similar. Information about licensure is available from the college's student academic services.

The following list enumerates the degree, licensure, and endorsement programs offered by the College of Education. Information about a specific program may be found under the relevant area of concentration in this section of the catalog.

Undergraduate Programs

- Minor—special education
- Bachelor's degree—communication disorders and sciences, educational foundations, family and human services

Graduate Programs

- Master's degree—communication disorders and sciences; counseling, family, and human services; couples and family therapy, curriculum and teacher education; curriculum and teaching; educational leadership; school psychology; special education
- Doctoral degree—communication disorders and sciences, counseling psychology, critical and sociocultural studies in education, educational leadership, school psychology, special education, special education: rehabilitation

Licensure Preparation

- Administrator; communication disorders; early childhood–elementary special education; early intervention–early childhood special education; elementary teaching; marriage and family therapy; middle-secondary education; music education; psychologist; school psychology

Endorsements

- Advanced mathematics, basic mathematics, biology, chemistry, communication disorders, early childhood–elementary special education, early intervention–special education, English for speakers of other languages, English for speakers of other languages—bilingual, foreign language (French, German, Japanese, Latin, Russian, Spanish), integrated science, language arts, middle-secondary special education, music education, physics, reading

Research and Outreach Services

Lauren Lindstrom, Associate Dean
541-346-1408
170 Lorry I. Lokey Education Building
https://education.uoregon.edu/research-outreach-units/all

The nationally recognized research and outreach units of the College of Education provide a comprehensive, research-intensive environment for undergraduate, licensure, master's, and doctoral students. The research units foster fundamental and applied research that faculty members integrate into the college's curriculum. The outreach units offer schools and community agencies access to faculty research and expertise and provide field-based opportunities in which students learn to use research-based knowledge to improve the effectiveness of services, practices, and policies.

Behavioral Research and Teaching

Julie Alonzo and Gerald Tindal, Codirectors
541-346-3535
175 Lorry I. Lokey Education Building
www.brtprojects.org (http://www.brtprojects.org)

Behavioral Research and Teaching combines curriculum-based measurement with effective teaching practices to develop, study, and disseminate empirically based educational programs for students who are at risk of failure in school and in the community. Research and professional development activities and projects focus on (1) curriculum-based measurement and large-scale testing; (2) response-to-intervention methods in educating students with disabilities; (3) behavioral and instructional consultation; and (4) systems change and school reform. Opportunities for research and personnel preparation are available for graduate students.

Center for Advanced Technology in Education

Mark A. Horney, Director
541-346-2679
220 Rainier Building
cate.uoregon.edu

The Center for Advanced Technology in Education (CATE) investigates applications of technology to support learning and studying across the curriculum. The center is supported by grants from the U.S. Department of Education's Institute of Education Sciences and Office of Special Education Programs, as well as the National Endowment for the Humanities and the National Science Foundation. CATE is also home to the Oregon Writing Project. Current research at CATE is focused on (1) strategies to improve comprehension and academic learning for students who are struggling in reading, writing, and mathematics; (2) technology-based tools and strategies to assist English-language learners and students with learning disabilities to succeed in the secondary school curriculum; and (3) the role of technology in improving student access to the use of educationally relevant information available electronically.

The center offers opportunities for graduate and undergraduate students to collaborate on technology-based projects with real-world impact. The center's faculty actively works to translate research into practice and offers workshops to schools and districts across the nation.

Center for Educational Policy Research

David T. Conley, Director
https://education.uoregon.edu/rou/center-educational-policy-research

Staff members at the Center for Educational Policy Research help Oregon educators, district administrators, and policymakers promote a seamless transition for students as they move from Oregon high schools to Oregon institutions of higher education. The center develops policy tools and promotes strategies that help organizations understand complex issues, analyze trends, and nurture new policy ideas. The center also designs online tools with staff members at its sister center, the Educational Policy Improvement Center, to help Oregon institutions promote college and career readiness for Oregon students.

Center on Assessment, Statistics, and Evaluation

Joseph Stevens, Director
541-346-8138
270A Lorry I. Lokey Education Building
pages.uoregon.edu/caseorg

The Center on Assessment, Statistics, and Evaluation seeks to foster and support excellence in research methods and their application in educational and social science research. The center supports faculty members and graduate students throughout the College of Education, the University of Oregon, and the larger community through services to (1) provide technical support for statistical analysis and research design using a variety of models and software; (2) assist researchers and practitioners in assessment and measurement issues, including instrument development; (3) serve as a research partner to provide program evaluation and technical support for state and local educational agencies thoughout Oregon as well as academic units within the university; and (4) support graduate education and professional development on assessment, statistics, research design, and evaluation.

Center on Human Development

Jane Squires, Director
541-346-3591
Clinical Services Building, Third Floor
ucedd.uoregon.edu

See the **Research Institutes and Centers** section of this catalog.

Center on Teaching and Learning

Edward J. Kame'enui, Director
541-346-3562
Riverfront Research Park, Suite 207
ctl.uoregon.edu

The Center on Teaching and Learning conducts, translates, and disseminates research that offers solutions to problems the schools face every day. Faculty members seek to advance understanding and use of evidence-based practices to prevent and intercept academic difficulties in school-aged children. One emphasis is the role of curriculum, instruction, and assessment in models of academic reform for schools. Research and outreach include school-based experimental research, model demonstration projects, and large-scale professional development and technical assistance.

Center for the Prevention of Abuse and Neglect

Jeff Todahl, Director
541-346-0919
274 HEDCO Education Building
220 E. 11th Ave., Suite 5
Eugene, Oregon 97401
90by30.com (http://90by30.com)

The Center for the Prevention of Abuse and Neglect is a convening body designed to coordinate, facilitate, and measure a collective impact violence prevention initiative, with emphasis on significant reduction in child abuse and neglect in Lane County, Oregon. The center applies public health concerns, prevention theory, and implementation science toward the development of strategies to attain community-level change.

The goals of the center include the following:

1. Create a community-campus partnership that pools local talent and best-practices prevention knowledge toward the resolution of a social problem
2. Develop and implement effective, population-based measurement of child-abuse and -neglect prevention countywide, in a manner that provides compelling data and corrective feedback
3. Provide technical assistance expertise and training on child-abuse prevention for other communities in the United States

Child Development and Rehabilitation Center

Randall Phelps, Clinical Director
541-346-3575
Clinical Services Building, First Floor

The Child Development and Rehabilitation Center of the Oregon Health and Science University provides multidisciplinary services for the diagnosis and evaluation of genetic syndromes, developmental disabilities, and neurodevelopmental disorders. Management and coordination of care is provided for a variety of patients including individuals with cerebral palsy, spina bifida, cleft lip and palate, and feeding difficulties. Clinic services are available for children, adolescents, and young adults.

Early Childhood Coordination Agency for Referrals, Evaluations, and Services

Judy Newman and Valerie Taylor Close, Codirectors
541-346-2578
299 E. 18th Ave.
earlychildhoodcares.uoregon.edu

Early Childhood Coordination Agency for Referrals, Evaluations, and Services (Early Childhood CARES) provides early intervention and early childhood special education services to eligible, birth-to-five-year-old children in Lane County. These services may include a combination of specially designed instruction in community or specialized preschools, parent education, speech therapy, physical and occupational therapy, vision and hearing services, and consultation for autism or challenging behaviors. Practicum opportunities are available for undergraduate and graduate students who are interested in working with young children, in preschools and parent-toddler programs.

Early Intervention Research

Jane Squires, Director
541-346-0807
139 Clinical Services Building
eip.uoregon.edu

Faculty members, training research efforts, and products of the Early Intervention Program have had a major impact on the fields of early intervention, early childhood special education, and early childhood education. The program's goal is to expand and improve educational and therapeutic services for infants and young children who are at risk and disabled and for their families. Underlying this purpose is the assumption that improving and expanding services that help children become independent and productive benefits not only the individual but society as a whole.

Educational and Community Supports

Robert H. Horner, Director

Kent McIntosh, Associate Director
541-346-2462
1571 Alder St.
www.uoecs.org (http://www.uoecs.org)

Educational and Community Supports (ECS) was established in 1972 as a research unit within the College of Education. The purpose of ECS is to develop, validate, and implement practices that result in positive, durable, measurable change in the lives of individuals with disabilities and their families. Federal- and state-funded projects within ECS support research, teaching, information systems, and state-level technical assistance. Positive behavior support, secondary education and transition, adult services, and systems change are areas of content focus.

High School Equivalency Program

Joel Montemayer, Director
541-346-0881
1685 E. 17th Ave.

High School Equivalency Program is described in the **Student Services** section of this catalog.

Institute on Violence and Destructive Behavior

Jeffrey R. Sprague and Hill M. Walker, Codirectors
541-346-3592
Clinical Services Building, Third Floor

The mission of the Institute on Violence and Destructive Behavior is to help schools and social service agencies address violence and destructive behavior in schools and beyond their boundaries. The goal is to ensure safety and facilitate the academic achievement and healthy social development of children and youth. Faculty members conduct original research, provide staff training, disseminate knowledge and best practices, and integrate research findings into College of Education academic courses. They also consult with agencies concerned with public safety and youth violence prevention.

The institute has developed evidence-based assessment tools and interventions to address factors associated with violence, dropout frequency, and delinquency, tools used by professionals in schools, mental health facilities, and correctional settings. The institute was approved as a center of excellence by the Oregon State Board of Higher Education in 1995 and receives support for its activities through competitively awarded federal grants.

IntoCareers

Dan Erdmann, Director
541-346-3875
975 High St.
intocareers.or (http://intocareers.org)g (http://intocareers.org)

IntoCareers develops and supports the Career Information System, which provides content, multimedia, curriculum, and Internet applications that assist people in making informed career choices. IntoCareers licenses its products to state entities such as education agencies, offices of postsecondary education, and departments of labor. These entities create localized versions of the Career Information System to support career development programs in their respective states.

Oregon Career Information System

Laura McCoid, Director
541-346-3872
800-495-1266
oregoncis.uoregon.edu

The Oregon Career Information System, a state-based resource, helps Oregonians make career decisions and successful transitions throughout their lives. Established in 1971, it was the first state-based career information delivery system in the nation. Administered by the College of Education, the Oregon Career Information System is a self-supporting, fee-based consortium. It uses the Internet to present comprehensive information about occupations and industries, postsecondary programs and schools, and financial aid, connecting career options to the paths for reaching them. Its software and materials are used in schools, colleges, work-force agencies, and private businesses to support the career development of their students, clients, and employees. The staff provides field leadership and training to professionals involved in career development programs and services. Work-study positions and internships are available for undergraduate and graduate students.

Oregon Writing Project

Lynne Anderson-Inman, Director
541-346-3982
200 Rainier Building
owp.uoregon.edu

The Oregon Writing Project is affiliated with the National Writing Project network at the University of California at Berkeley.The project collaborates with local schools to provide high-quality, teacher-centered, professional development to improve writing and literacy across the curriculum. Major projects include an intensive summer institute, technology-supported outreach services to teachers in rural schools, and participation in the National Writing Project's initiative Digital Is. To enhance the building of professional development communities across geographic distances, participating teachers meet with project staff members in the virtual world known as Second Life.

Secondary Special Education and Transition Program

Deanne Unruh, Director
541-346-3585
201 Clinical Services Building
5260 University of Oregon
Eugene, Oregon 97403-5260
https://education.uoregon.edu/rou/secondary-special-education-and-transition-program

Secondary Special Education and Transition is a multidisciplinary research unit dedicated to developing further scientific understanding of adolescents and young adults with disabilities and other high-risk behaviors. Faculty members conduct research, technical assistance, and outreach activities to develop and implement research-based transition services that assist young people in developing the knowledge and skills to succeed in fulfilling their desired adult roles, including meaningful employment, completion of postsecondary education or training programs, and living independently in the community. Research is conducted in collaboration with state departments of education, schools, service agencies, parents, and youth.

Speech-Language-Hearing Center

Margit Mayr-McGaughey, Director
541-346-0923
HEDCO Education Building
https://education.uoregon.edu/hedco-clinic/speech-language-hearing-center

The Speech-Language-Hearing Center is part of the Communication Disorders and Sciences program at the College of Education. Graduate student clinicians, under the supervision of licensed clinical faculty members, provide high-quality services to individuals with speech, language, cognitive, and hearing disorders. Services include diagnostic evaluations and individual and group therapy to people of all ages and cultural backgrounds. The center provides community outreach and serves as a local, state, and national resource for innovative clinical service and research.

Technical Assistance and Consulting Services

John A. Inglish, Director
541-346-5641

1600 Mill Race Drive, Suite 360
https://education.uoregon.edu/rou/technical-assistance-and-consulting-services

Technical Assistance and Consulting Services (TACS) is an umbrella organization housing the Western Regional Resource Center, the National Post-School Outcomes Center, and SIGnetwork. TACS independently provides contracted consultation and technical assistance to state education agencies and other entities on a variety of issues focused on serving students with disabilities.

The Western Regional Resource Center is one of six technical-assistance centers nationwide, funded by the U.S. Department of Education's Office of Special Education Programs (OSEP) to serve state special-education agencies in seven western states and six Pacific jurisdictions, helping them meet the challenges of providing high-quality, free, appropriate public education to children with disabilities.

The federally funded National Post-School Outcomes Center provides technical assistance to state education agencies in the development and use of data systems designed to improve transition services to youth with disabilities.

SIGnetwork (State Improvement Grants Network) serves recipients of OSEP's State Personnel Development Grant, assisting state education agencies and their partners in reforming and improving early-intervention, educational, and transitional service systems, improving results for children with disabilities.

Rendezvous, a tool developed by TACS, is a web-based data-collection, planning, and reporting tool that state education agencies may use to provide high-quality services to students with disabilities.

Youth Enrichment and Talented and Gifted Programs and Services

Marjorie DeBuse, Director
541-346-3084
www.uoyouth.org (http://www.uoyouth.org)

This outreach unit provides course work in gifted education and field-based practicums at undergraduate and graduate levels; summer, Saturday, and afterschool learning experiences for youth that extend and enhance their K–12 school program; assistance and training for educators, school district personnel, youth service providers, and parents to effectively help advanced learners attain their intellectual and academic potential; recognition and support for the social and emotional needs of high-ability students through consultation and referral; and the introduction of precollege youth and their families to the University of Oregon through campus-based activities.

Facilities, Organizations, and Services

Center for Family Therapy

Tiffany Brown, Clinical Director
541-346-0923
170 HEDCO Education Building

The Center for Family Therapy is the on-site training clinic for the couples and family therapy program. Therapists and supervisors operate from a systemic, ecological perspective, noted for its consideration of the social group in which individual behavior exists. Staff members take a nonpathology-oriented, strengths-based approach to human behavior and change. Interns are closely supervised in the use of state-of-the-art video and live-observation equipment. Therapy is often brief and change oriented. Fees, which are charged on a sliding scale related to income, range from $15 to $100 a session, and the service is available to the community at large.

Learning Commons

Ken Loge, Coordinator
541-346-7616
110 HEDCO Education Building
https://education.uoregon.edu/admin-unit/learning-commons

The Learning Commons is designed for student collaboration and study. Two rooms can be reserved for groups of ten, with four smaller rooms that can serve three or be used for individual study. The main room has a variety of seating for groups or individuals, with a total seating capacity of seventy. Laptops can be connected to five large, wall-mounted flat panels for group project work. Twenty-four desktop computers with both Macintosh and Windows operating systems have a variety of software, and the area has wireless connectivity. Laptops can be checked out at the front desk for use in the Learning Commons. Both black-and-white and color printing is available using campus cash. Student staff members provide technology help when needed.

Student Academic Services

Angela Whalen, Director
541-346-1391
130 HEDCO Education Building

Student Academic Services offers academic-advising referrals and information on degree and licensure requirements, academic programs, university policies and procedures, and resources available to students. In addition, Student Academic Services maintains student records and collaborates with educator licensing and accreditation entities at state and federal levels to ensure the College of Education is in compliance with policies and procedures that permit students to receive the appropriate degree and license.

College of Education tutoring services offered through this unit help both undergraduate and graduate students to integrate effective study and learning strategies to maximize their potential for academic progress.

Courses

EDUC199. Special Studies: [Topic]. 1-5 Credits.
Repeatable. Recent topics include Exploring Careers in Education.

EDUC399. Special Studies: [Topic]. 1-5 Credits.
Repeatable.

EDUC406. Special Problems: [Topic]. 1-16 Credits.
Repeatable. Recent topics include Peer Advising Experience.

EDUC407. Seminar: [Topic]. 1-5 Credits.
Repeatable.

EDUC408. Workshop: [Topic]. 1-18 Credits.
Repeatable.

EDUC410. Experimental Course: [Topic]. 1-5 Credits.
Repeatable.

EDUC507. Seminar: [Topic]. 1-5 Credits.
Repeatable.

EDUC508. Workshop: [Topic]. 1-18 Credits.
Repeatable.

EDUC510. Experimental Course: [Topic]. 1-5 Credits.
Repeatable.

EDUC606. Special Problems: [Topic]. 1-16 Credits.
Repeatable.

EDUC607. Seminar: [Topic]. 1-5 Credits.
Repeatable. Recent topics include Advanced Professional Practices.

EDUC609. Practicum: [Topic]. 1-16 Credits.
Repeatable.

EDUC610. Experimental Course: [Topic]. 1-5 Credits.
Repeatable.

EDUC611. Survey of Educational Research Methods. 3 Credits.
Survey of qualitative, quantitative, and single-subject research methods. Students develop competence in using published research to inform decision-making in various settings.

EDUC612. Social Science Research Design. 4 Credits.
Overview of qualitative, quantitative, and single-subject research methods. Emphasis on introducing students to considerations, issues, and techniques of social science research design.

EDUC614. Educational Statistics. 4 Credits.
Foundations of statistical methods for research producers. Covers sampling methods, descriptive statistics, standard scores, distributions, estimation, statisticalsignificance testing, T tests, correlation, Pearson's chi-square test, power, effect size.
Prereq: EDUC 612.

EDUC620. Program Evaluation I. 4 Credits.
Focuses on small-scale evaluations, particularly in the field of education and human services. Students plan and design an evaluation.
Prereq: EDUC 640.

EDUC621. Program Evaluation II. 3-6 Credits.
Implementation and completion of the evaluation design defined in Program Evaluation I.
Prereq: EDUC 620.

EDUC630. Qualitative Methodology I: Interpretivist Inquiry. 4 Credits.
Examines the history of qualitative research in the study of human experience, emphasizing interpretive approaches to qualitative research that retain the regulative ideal of objectivity.

EDUC632. Qualitative Methodology II: Postcritical Inquiry. 4 Credits.
Explores the epistemic limits of representing human experience, and the political and ethical implications for researchers beginning with Marx.
Pre- or coreq: EDUC 630.

EDUC634. Qualitative Methodology III: Posthumanist Inquiry. 4 Credits.
Examines theoretical influences on qualitative research beginning with those associated with the linguistic turn, then critiquing the linguistic turn, and ending with the ontological turn.
Pre- or coreq: EDUC 630, EDUC 632.

EDUC636. Advanced Qualitative Methodology: New Materialisms. 4 Credits.
Examines contemporary theoretical explorations prompted by "the new materialisms" and how questions of ontology and materiality produce considerations of agency, data, subjectivity, voice, and analysis.
Pre- or coreq: EDUC 630, EDUC 632, EDUC 634

EDUC640. Applied Statistical Design and Analysis. 4 Credits.
Factor analysis of variance, planned comparisons, post hoc tests, trend analysis, effect size and strength of association measures, repeated measures designs.
Prereq: EDUC 614.

EDUC642. Multiple Regression in Educational Research. 4 Credits.
Application and use of multiple regression in educational research. Topics include bivariate regression, multiple regression with continuous and categorical independent variables.
Prereq: EDUC 640.

EDUC644. Applied Multivariate Statistics. 4 Credits.
Advanced statistical techniques including covariance analyses, discriminant function analysis, multivariate analysis of variance, principal components analysis, exploratory factor analysis.
Prereq: EDUC 640.

EDUC646. Advanced Research Design. 4 Credits.
Provides a deeper understanding of educational research with an emphasis on principles of research designs and their use in applied research. Offered alternate years.
Prereq: EDUC 640.

EDUC650. Single-Subject Research Methods I. 4 Credits.
Basic single-subject design strategies and general procedures as well as issues related to conducting and analyzing single-subject research in applied settings.
Prereq: EDUC 614.

EDUC652. Single-Subject Research Methods II. 4 Credits.
Critical evaluation of single-subject and group-analysis research designs; elaboration on critical topics in single-subject methodology.
Prereq: EDUC 650.

EDUC654. Advanced Applied Behavior Analysis. 4 Credits.
Doctoral-level seminar designed to provide skills, practice, and knowledge in advanced methods and theory of applied behavior analysis.
Prereq: EDUC 652.

EDUC656. Advanced Analysis of Single-Case Research. 3 Credits.
Focuses on application of statistical and meta-analytic strategies for analyzing single-case research. Sequence with EDUC 650, 652, 654. Offered alternate years.
Prereq: EDUC 650. One course in structural equation modeling or hierarchical linear modeling is recommended preparation.

Counseling Psychology and Human Services

Benedict T. McWhirter, Department Head
541-346-5501
541-346-6778 fax
240 HEDCO Education Building

Programs in the Department of Counseling Psychology and Human Services educate and train professionals in counseling psychology, couples and family therapy, and family and human services. Students are trained to effectively identify, treat, and prevent psychological problems in children, adolescents, adults, and families. At the doctoral level, students extend scientific knowledge through research in collaboration with faculty mentors. Field placements, practicum placements, and internships at all levels of training provide students with opportunities to practice in schools, community agencies, and clinical and research settings under

the supervision of faculty members, agency personnel, and collaborating scholars.

Faculty

Kevin W. Alltucker, assistant professor (child development, juvenile delinquency, child welfare reform). BS, 1984, Oregon State; PhD, 2004, Oregon. (2004)

Tiffany Brown, lecturer (self-harm, family dynamics of addiction, collegiate recovery communities). BS, 2002, MEd, 2005, Oregon; PhD, 2009, Texas Tech. (2011)

Krista Chronister, associate professor (domestic violence, career counseling, community intervention). BS, 1996, Florida; MS, 2000, PhD, 2003, Oregon. (2003)

Daniel W. Close, associate professor (prevention of child abuse, independent living, curriculum development). BA, 1971, California Lutheran; MA, 1973, Idaho State; PhD, 1977, Oregon. (1977)

Shoshana D. Kerewsky, senior lecturer (ethics; international services; lesbian, gay, bisexual, and transgender issues). BA, 1983, Swarthmore; MA, 1990, Lesley; PsyD, 1998, Antioch, New England. (1996)

Atika Khurana, assistant professor (adolescent development and risk-taking, self-regulation and executive functions, family and ecological influences). BS, 2003, MS, 2005, Panjab; PhD, 2009, Ohio State. (2012)

Leslie Leve, professor (foster care, adoption, prevention science). BA. 1990, California, Santa Cruz; MS, 1991, PhD, 1995, Oregon. (2013)

Deanna Linville, associate professor (eating disorders and obesity intervention, couples issues). BA, 1997, MS, 2000, PhD, 2003, Virginia Polytechnic Institute and State University. (2003)

Benedict T. McWhirter, professor (adolescents at risk, college student development, connectedness). BA, 1986, Notre Dame; MC, 1988, PhD, 1992, Arizona State. (1997)

Ellen Hawley McWhirter, Ann Swindells Professor in Counseling Psychology (adolescent career development, empowerment, youth at risk). BA, 1983, Notre Dame; MC, 1988, PhD, 1992, Arizona State. (1997)

Elizabeth Skowron, professor (early adversity and neurobehavioral systems of developing self-regulation in children and parents, differentiation of self, family interventions). BA, 1988, Ohio State; MS, 1991, PhD, 1995, State University of New York, Albany. (2012)

Elizabeth A. Stormshak, professor (prevention of delinquency, conduct problems, peer rejection). BA, 1988, Washington (Seattle); MS, 1992, PhD, 1995, Pennsylvania State. (1996)

Surendra Subramani, senior instructor (multicultural education and cross-cultural training, leadership and management, sociology of comparative education); diversity coordinator. BS, 1986, Oregon; MBA, 1993, Oregon State; PhD, 2000, Oregon. (2004)

Jeff Todahl, associate professor (child abuse and neglect prevention, intimate partner violence, community engagement). BA, 1985, Western Washington; MS, 1989, Seattle Pacific; PhD, 1995, Florida State. (1999)

Courtesy

Joseph Arpaia, courtesy assistant professor (clinical hypnosis, autonomic nervous system, mediation and psychotherapy). BS, 1982, California Institute of Technology; MD, 1990, California, Irvine. (2005)

Philip A. Fisher, professor. See **Psychology**.

Richard D. Freund, courtesy assistant professor (research methods, community college counseling, cognitive therapy). BA, 1966, Brown; PhD, 1971, Stanford. (1975)

Arthur Pearl, adjunct professor (democracy and human services). PhD, 1960, California, Berkeley. (2010)

Marlin Schultz, courtesy associate professor (couples and family therapy). BA, 1967, Cascade; DMin, 1972, Fuller Theological Seminary. (2003)

Karrie P. Walters, instructor (human services, child and family interventions, prevention and social justice). BA, 1996, North Texas; MA, 2001, Minnesota, Twin Cities; PhD, 2010, Oregon. (2010)

Emeriti

Henry F. Dizney, professor emeritus. BS, 1954, Southeast Missouri State; MEd, 1955, Wayne State; PhD, 1959, Iowa. (1967)

Gordon A. Dudley, associate professor emeritus. BA, 1956, Kalamazoo; MA, 1959, Colorado; EdD, 1971, Harvard. (1967)

Sally Fullerton, professor emerita. BS, 1956, Oregon State; MA, 1960, Cornell; PhD, 1970, Oregon. (1970)

Weston H. Morrill, professor emeritus. BS, 1960, MS, 1961, Brigham Young; PhD, 1966, Missouri, Columbia. (1990)

Janet Moursund, associate professor emerita. BA, 1958, Knox; MS, 1961, PhD, 1963, Wisconsin, Madison. (1967)

Anita Runyan, associate professor emerita. BS, 1956, Pacific Union; MS, 1968, PhD, 1972, Oregon. (1972)

Saul Toobert, professor emeritus. BA, 1947, California, Berkeley; PhD, 1965, Oregon. (1963)

The date in parentheses at the end of each entry is the first year on the University of Oregon faculty.

- **Bachelor of Arts**
- **Bachelor of Science**
- **Bachelor of Education**

Undergraduate Studies

Family and Human Services

Shoshana D. Kerewsky, Major Director
340 HEDCO Education Building
541-346-2143

The nationally accredited family and human services major leads to a bachelor of arts (BA), bachelor of science (BS) or bachelor of education (BEd) degree. It is designed for students who want to help children, youth, adults, and families learn effective ways to confront the problems in their lives. Participants gain a broad understanding of learning and development, intervention, professional communication, prevention, and

agency policy and practices through a combination of course work and field experiences in human service agencies.

Careers

Graduates find work as entry-level professionals in early intervention, child-abuse prevention, youth services and probation, corrections, mental health, and drug and alcohol rehabilitation and treatment. Many go on to pursue graduate study in education, social work, family and human services, counseling psychology, or special education.

Application Deadline

Students must formally apply to enter the family and human services major. Specific information about the admission deadline may be found on the College of Education website.

Applicants advanced past the written file review are invited for an interview. This group interview is required for admission to the program.

Admission Requirements

At the time of application, students must have

1. Completed 50–55 credits, with a cumulative GPA of 2.50. Demonstrated satisfactory progress toward completion of the university writing requirement and 8 credits in each of the general-education groups: arts and letters, social science, and science.
2. Completed the premajor core with a cumulative GPA of 2.75. Transfer students should meet with the department advisor
3. Demonstrated volunteer experience with children, youth, adults, and/or families
4. Agreed to and subsequently passed a criminal background check for full admission to the program
5. Agreed to and subsequently passed a UO Student Conduct and Community Standards check for full admission to the program

Premajor Core

The premajor core courses, completion of which is a prerequisite for admission to the major, present various theories of community service, education, and societal issues relevant to developing professionals in human services. Through core courses, students develop strategies for working with people based on research and practice, and learn how to use evaluation information to meet the needs of clients and children.

Professional Studies

The family and human services major consists of course work and field-based experiences in human service agencies, taken during the junior and senior years. A field project is completed in the senior year.

Field Experiences

Students participate in supervised activities in public and private human services agencies and organizations. Typically, there are three junior field studies experiences at three different agencies. There are two to three terms of senior placements at the same agency.

Bachelor of Arts Degree Requirements

Premajor Core		
FHS213	Issues for Children and Families	4
FHS215	Exploring Family and Human Services	4
FHS216	Diversity in Human Services	4
Professional Studies and Field Experiences		
FHS327	Organizational Issues in Human Services	4
FHS328	Theory of Family Systems	4
FHS329	Youth Psychopathology in Context	4
FHS330–331	Individual and Group Interventions I-II	7
FHS406	Special Problems: [Topic] (Beginning Field Studies I,II,III)	9
FHS406	Special Problems: [Topic] (Advanced Field Studies I,II)	8
FHS407	Seminar: [Topic] (Junior-Senior Supervision Issues) [1]	1-6
FHS420	Research in Human Services	4
FHS482 &FHS483	Prevention of Youth Violence and Prevention of Interpersonal Violence	8
FHS491–493	Junior Professional Practices and Issues I-III	9
FHS494–495	Senior Professional Practices and Issues	6
FHS496	Senior Project Proposal	1
FHS497	Senior Project	1-2
Total Credits		**78-84**

[1] 5 credits required to graduate.

Bachelor of Science Degree Requirements

Premajor Core		
FHS213	Issues for Children and Families	4
FHS215	Exploring Family and Human Services	4
FHS216	Diversity in Human Services	4
Professional Studies and Field Experiences		
FHS327	Organizational Issues in Human Services	4
FHS328	Theory of Family Systems	4
FHS329	Youth Psychopathology in Context	4
FHS330–331	Individual and Group Interventions I-II	7
FHS406	Special Problems: [Topic] (Beginning Field Studies I,II,III)	9
FHS406	Special Problems: [Topic] (Advanced Field Studies I,II)	8
FHS407	Seminar: [Topic] (Junior-Senior Supervision Issues) [1]	1-6
FHS420	Research in Human Services	4
FHS482 &FHS483	Prevention of Youth Violence and Prevention of Interpersonal Violence	8
FHS491–493	Junior Professional Practices and Issues I-III	9
FHS494–495	Senior Professional Practices and Issues	6
FHS496	Senior Project Proposal	1
FHS497	Senior Project	1-2
Total Credits		**78-84**

[1] 5 credits required to graduate.

Bachelor of Education Degree Requirements

Premajor Core		
FHS213	Issues for Children and Families	4
FHS215	Exploring Family and Human Services	4
FHS216	Diversity in Human Services	4

Professional Studies and Field Experiences		
FHS327	Organizational Issues in Human Services	4
FHS328	Theory of Family Systems	4
FHS329	Youth Psychopathology in Context	4
FHS330–331	Individual and Group Interventions I-II	7
FHS406	Special Problems: [Topic] (Beginning Field Studies I,II,III)	9
FHS406	Special Problems: [Topic] (Advanced Field Studies I,II)	8
FHS407	Seminar: [Topic] (Junior-Senior Supervision Issues) [1]	1-6
FHS420	Research in Human Services	4
FHS482 &FHS483	Prevention of Youth Violence and Prevention of Interpersonal Violence	8
FHS491–493	Junior Professional Practices and Issues I-III	9
FHS494–495	Senior Professional Practices and Issues	6
FHS496	Senior Project Proposal	1
FHS497	Senior Project	1-2
Total Credits		**78-84**

[1] 5 credits required to graduate.

Family and Human Services—Early Childhood Emphasis

Kathy M. Moxley-South, Coordinator
541-346-5143
358 HEDCO Education Building

The early childhood emphasis of the family and human services major is a 60-credit, roughly two-year bachelor's degree program that satisfies the federal requirements for teaching in a Head Start program with a mix of human services and early childhood courses. In addition, it qualifies the graduate to pursue a wide variety of related career paths such as early childhood teacher, family advocate, case worker, or other careers in human services. It also prepares the student to pursue an advanced degree, such as a master's degree in social work or early intervention–special education.

Service-Learning Program

Deanna Chappell Belcher, Director
541-346-8285
370 HEDCO Education Building

Service-learning is a teaching and learning strategy that integrates community service with instruction and reflection to enrich the learning experience, teach civic responsibility, and strengthen communities. The Service-Learning Program offers courses along with a service component (available for variable credit, depending on volunteer hours performed by the student). Courses are open to students from all majors, and are flexible to allow students to choose to focus on a community issue that's important to them, and to volunteer with an organization that meets a real community need. When students pair academic work with learning outside the classroom, each enriches the other. Through service-learning, students not only learn the practical applications of their studies, they become actively contributing citizens and community leaders

Substance Abuse Prevention Program

Ruth Bichsel, Interim Academic Coordinator
541-346-4135
180 Esslinger Hall
sapp.uoregon.edu

The Substance Abuse Prevention Program (SAPP) is an academic training program that provides course work in the areas of alcohol and drug prevention, intervention, treatment, and recovery, as well as related topics. The typical SAPP instructor has extensive applied experience working with clients, organizations, and communities. Most hold advanced degrees and certifications or licenses in their area of expertise.

Students, professionals, and community members may take SAPP courses to broaden their knowledge base, earn college credit, or complete an area of concentration in the program. The program offers the course work required to pursue state credentials for the the certified prevention specialist (CPS) and the certified alcohol and drug counselor (CADC I and CADC II) through the Addiction Counselor Certification Board of Oregon.

- **Master of Arts**
- **Master of Science**
- **Master of Education**
- **Doctor of Philosophy**

Graduate Studies

The department offers master's degrees with a major in counseling, family, and human services and a doctoral degree with a major in counseling psychology. The department's faculty also provides courses for other College of Education and university programs.

Master's Degrees

The counseling, family, and human services major leads to a master of arts (MA), master of science (MS), or master of education (MEd) degree.

Master of Arts Degree Requirements

Psychological foundations	15
Research competencies	20
Practitioner competencies	54
Professional competencies	7
Elective courses and seminars	18
Total Credits	**114**

Additional Requirement

The candidate must demonstrate proficiency in a second language.

Master of Science Degree Requirements

Psychological foundations	15
Research competencies	20
Practitioner competencies	54
Professional competencies	7
Elective courses and seminars	18
Total Credits	**114**

Students are not admitted directly to an MA or MS program. These degrees are earned by enrolled doctoral candidates who meet the

requirements as they complete a PhD degree. Some graduate courses taken at another accredited institution may be applied to the requirements.

Master of Education Degree Requirements

Core Courses

Psychological foundations	15
Research competencies	20
Practitioner competencies	54
Professional competencies	7
Elective courses and seminars	18
Total Credits	**114**

Specialization Courses in Couples and Family Therapy

Theoretical foundations	19
Individual and family development	25
Research competencies	3
Professional ethics	4
Clinical practice	28
Additional courses	11
Total Credits	**90**

Couples and Family Therapy

Jeff Todahl, Program Director
240 HEDCO Education Building
541-346-0909

This two-year program trains students as professional family therapists in preparation for state licensure. This intensive training combines a strong theoretical base in systemic therapy with applied clinical experience. The clinical practicum includes 400 client contact hours (50percent with couples or families) and eighty hours of individual and group supervision. Supervision at the Center for Family Therapy involves live observation, participation in reflecting teams, and video- and audiotaped sessions. In addition, students see clients at community agencies, clinics, and therapist practices.

Application and Admission

Detailed admission policies and procedures for the couples and family therapy specialization are available on the couples and family therapy website. Students are admitted only for fall term, and completed applications must be received by the deadline published on the website for the following fall term. Only completed applications are reviewed for admission. Applicants are evaluated on

1. quality of work
2. Graduate Record Examinations (GRE) or Millers Analogies Test (MAT) scores
3. related work, background, or experience
4. résumé with statement of purpose
5. diversity essay response
6. three letters of recommendation
7. an interview.

Notices about disposition of applications are mailed by April 15.

Applicants must pass a criminal background check before they may enroll.

Doctoral Degree

Ellen McWhirter, Training Director
240 HEDCO Education Building
541-346-2456

The doctoral program is one of two counseling psychology programs in the Pacific Northwest that is accredited by the American Psychological Association Commission on Accreditation (750 First Street NE, Washington, D.C. 20002-4242, 202-336-5979), and it is recognized as acceptable for licensure by the Oregon Board of Psychologist Examiners. The program has been accredited since 1955. The couples and family therapy program is one of two programs in Oregon to be accredited by the Commission on Accreditation for Marriage and Family Therapy Education and be approved by the Oregon Board of Licensed Professional Counselors and Therapists.

Earning a doctoral degree in counseling psychology typically requires five to six years of study beyond the bachelor's degree. This period includes a one-year, full-time, supervised predoctoral internship. Students must complete a PhD dissertation that demonstrates a high standard of scholarship and the ability to conduct independent, original research. Students may enter the program with a bachelor's or a master's degree.

The program follows an ecological model of training embedded in the scientist-practitioner tradition. As such, the program trains psychologists to work with individuals, children and families, and groups within their contexts. Students learn to consider human behavior as interactive processes rather than centered in the individual; they learn to use preventive and remedial intervention strategies for behavioral and emotional problems. Students learn evidence-based counseling interventions for assessing and intervening in the many levels of context in which human problems emerge. These include learning culturally sensitive assessment and intervention strategies designed to increase understanding and effect change at the individual, familial, school, and community levels. Students are instructed to critically reflect on the science and practice of psychology and engage in social justice advocacy as core to their training.

Students participate in integrated classroom, practicum, and fieldwork activities in research, prevention, and intervention with children and adults, families, groups, and communities. The doctoral program prepares psychologists who can make a significant contribution to the field through scholarly research and professional practice. Training experience may be had at the UO Counseling and Testing Center, Lane Community College Counseling Center, UO Prevention Science Institute, and in community agencies or nonprofit research centers.

Graduates are prepared to work as researchers, practitioners, and educators in community mental health centers, research institutions, institutions of higher education, medical settings, managed health-care organizations, community college and university counseling centers, juvenile corrections agencies, human resources departments in business, and career counseling agencies.

PhD Requirements

Psychological foundations	27
Four-term doctoral-level statistics sequence	24
Four courses in philosophy of research, research design, and measurement	24

CPSY603	Dissertation	18
Practitioner competencies		63
Professional competencies		16
Additional courses		6
Total Credits		**178**

The MEd and DEd programs in counseling psychology are inactive.

Application and Admission

Students are admitted to start fall term only. Prospective applicants may find detailed admission policies and procedures on the counseling psychology website. The closing date for receipt of completed applications is posted on the website for entry the following fall term. Notices about the disposition of applications are mailed by April 15.

Applicants are evaluated on

1. academic record
2. Graduate Record Examinations (GRE) general test scores
3. related work, research, and life experiences
4. a statement of purpose in seeking admission
5. letters of recommendation
6. an interview

Only completed applications are reviewed. Applicants must gather the requested supporting papers and submit them with the application forms as one package.

Graduate training includes completion of a dissertation as well as practicum and internship placements in which students work with children and adults, families, groups, and communities.

Courses

CPSY198. Workshop: [Topic]. 1-2 Credits.
Repeatable.

CPSY199. Special Studies: [Topic]. 1-5 Credits.
Repeatable.

CPSY401. Research. 1-5 Credits.
Repeatable.

CPSY404. Internship: [Topic]. 1-12 Credits.
Repeatable.

CPSY405. Reading and Conference: [Topic]. 1-21 Credits.
Repeatable.

CPSY406. Special Problems: [Topic]. 1-21 Credits.
Repeatable.

CPSY407. Seminar: [Topic]. 1-5 Credits.
Repeatable.

CPSY408. Workshop: [Topic]. 1-21 Credits.
Repeatable.

CPSY409. Practicum: [Topic]. 1-21 Credits.
Repeatable.

CPSY410. Experimental Course: [Topic]. 1-5 Credits.
Repeatable.

CPSY417. Introduction to Counseling Psychology Profession. 2 Credits.
An examination of counseling psychology as a specialty that emphasizes multicultural approaches to serving individuals, families, and groups through clinical practice and research.

CPSY503. Thesis. 1-16 Credits.
Repeatable.

CPSY507. Seminar: [Topic]. 1-5 Credits.
Repeatable.

CPSY508. Workshop: [Topic]. 1-21 Credits.
Repeatable.

CPSY510. Experimental Course: [Topic]. 1-5 Credits.
Repeatable.

CPSY601. Research: [Topic]. 1-16 Credits.
Repeatable.

CPSY602. Supervised College Teaching. 1-5 Credits.
Repeatable.

CPSY603. Dissertation. 1-16 Credits.
Repeatable.

CPSY605. Reading and Conference: [Topic]. 1-16 Credits.
Repeatable.

CPSY606. Special Problems: [Topic]. 1-16 Credits.
Repeatable.

CPSY607. Seminar: [Topic]. 1-5 Credits.
Repeatable.

CPSY608. Workshop: [Topic]. 1-16 Credits.
Repeatable.

CPSY609. Practicum: [Topic]. 1-16 Credits.
Repeatable.

CPSY610. Experimental Course: [Topic]. 1-5 Credits.
Repeatable. Ecological Bases of Behavior is a current topic.

CPSY612. Professional Ethics. 3 Credits.
Ethical and legal concerns in the professional practice of psychology. Ethical theory and decision-making processes; legal aspects of client-psychologist relationships.

CPSY613. Introduction to Counseling Psychology. 3 Credits.
Historical foundations of counseling psychology. Major theories and theorists. Counseling as an ecological and context-sensitive interactive process. Settings and roles of the profession.

CPSY614. Theories of Counseling. 3 Credits.
Overview of selected historical and current counseling theories.

CPSY615. Counseling Diverse Populations. 4 Credits.
Influence of gender, race, ethnicity, and other factors related to diverse populations on the identity-formation process in contemporary society. Applications to counseling psychology.

CPSY617. Theories of Career Development. 3 Credits.
Addresses life-span career development including issues, concepts, and definitions; theories of career development and choice; intervention in strategies; and career resources in the context of a multicultural society.

CPSY621. Lifespan Developmental Psychology. 3 Credits.
Understanding continuity and change in human development and the ways in which the development of children, adolescents, and adults can be enhanced. Repeatable once for a maximum of 6 credits.

CPSY622. Psychological Assessment II. 4 Credits.
Selection and administration of instruments and procedures for generating personality and career assessment reports. Emphasizes the integration of assessment into the intervention planning process. Includes laboratory.

CPSY626. Psychological Services for Latinos. 2 Credits.
Provide graduate students with content specific to carrying out human services work and research with those who are Latino and/or Spanish-speaking.

CPSY631. Introduction to Prevention Science. 3 Credits.
Overview of theory, research, and practice in prevention science and health promotion, including foundational concepts, translation of theory into intervention, methodology, and implementation.

CPSY632. Risk and Resilience in Adolescents. 3 Credits.
Research and theory related to risk and resiliency processes during adolescence and young adulthood. Focuses on populations at elevated risk for adverse outcomes.

CPSY634. Implementation Science. 3 Credits.
Provides a framework for examining implementation science and its application to clinical and community-based research.
Prereq: CPSY 631 or CPSY 643; a graduate-level statistics course.

CPSY642. Child-Family Interventions. 4 Credits.
Empirically oriented interventions with children and families, ranging from early childhood through adolescence. Integrates developmental and intervention sciences.

CPSY643. Community and Preventive Interventions. 3 Credits.
Research and practice in community intervention designed to prevent mental and physical health problems. Includes health promotion, work-site interventions, school and community prevention programs.

CPSY651. Advanced Individual Counseling Intervention. 3 Credits.
Focuses on applying interpersonal process and problem-management approaches to individual counseling and psychotherapy; using assessment information in treatment planning.

CPSY654. Supervision and Agency Administration. 4 Credits.
Principles, methods, and ethical practice of clinical supervision. Theory of and research about models of counselor professional development. Review of supervision process and outcome research. Includes laboratory.

CPSY704. Internship: [Topic]. 1-15 Credits.
Repeatable.

CPSY706. Special Problems: [Topic]. 1-16 Credits.
Repeatable.

CPSY708. Special Topics: [Topic]. 1-16 Credits.
Repeatable.

CPSY709. Practicum: [Topic]. 1-16 Credits.
Repeatable.

Courses

CFT401. Research: [Topic]. 1-5 Credits.
Repeatable.

CFT407. Seminar: [Topic]. 1-5 Credits.
Repeatable.

CFT410. Experimental Course: [Topic]. 1-5 Credits.
Repeatable.

CFT503. Thesis. 1-16 Credits.
Repeatable.

CFT507. Seminar: [Topic]. 1-5 Credits.
Repeatable.

CFT510. Experimental Course: [Topic]. 1-5 Credits.
Repeatable.

CFT601. Research: [Topic]. 1-16 Credits.
A current topic is Methods.

CFT605. Reading and Conference: [Topic]. 1-16 Credits.
Repeatable.

CFT606. Field Studies: [Topic]. 1-16 Credits.
Repeatable.

CFT607. Seminar: [Topic]. 1-5 Credits.
Repeatable.

CFT608. Workshop: [Topic]. 1-16 Credits.
Repeatable.

CFT609. Practicum: [Topic]. 1-16 Credits.
Repeatable.

CFT610. Experimental Course: [Topic]. 1-5 Credits.
Repeatable.

CFT612. Parenting Interventions. 2 Credits.
Examines evidence-based practices for parenting children and adolescents, including trauma-focused parenting strategies.

CFT614. Child Mental Health and Diagnosis. 4 Credits.
Emphasizes the etiology, nosology, phenomenology, and diagnosis of mental health disorders in children. Examines social and cultural assumptions about "normal"versus "pathological" behavior, cognition, and emotion.

CFT615. Introduction to Marriage Family Therapy. 3 Credits.
Surveys the distinct disciplines of marriage and family therapy.

CFT616. Systems Theory Foundations. 3 Credits.
Surveys macro theories and their relationship to families and family therapy with emphasis on systems, communications, and ecological theories.

CFT620. Mental Health and Diagnosis. 3 Credits.
Study of maladaptive behavior, treatment, and prevention emphasizing the integrative contributions of biological, behavior, cognitive, psychodynamic, humanist-existential, and community perspectives, including the "Diagnostic and Statistical Manual of Mental Disorders."

CFT621. Professional and Ethical Issues. 4 Credits.
Provides a broad introduction to legal, ethical, and professional standards for marriage and family therapy.

CFT622. Relational Assessment. 1 Credit.
Examines evidence-based practices for assessment in couples therapy. Integrates systems and communication theory with emerging contextual and behavior-assessment models.

CFT624. Group Psychotherapy. 3 Credits.
Presents basic elements of group process; includes introduction to group work, guidelines for multicultural practice, ethical and professional issues in group practice, and group leadership.

CFT625. Violence, Trauma, and Healing. 4 Credits.
Theories and research on the acceleration and cessation of violence in the family and assessment of responses to violent family behaviors and to perpetrators, survivors, and families.

CFT626. Human Sexuality in Counseling. 3 Credits.
Increases understanding and clinical abilities for working with couples; special emphasis on the role of intimacy and sexual relationships.

CFT627. Advanced Theories in Relational Therapy. 4 Credits.
Studies theories and models of couples and family therapy; self-evaluation of clinical work. Examines integration, specifically the "metaframeworks" model,solution-focused therapy, and emotionally focused therapy.

CFT628. Addiction and Recovery. 3 Credits.
Increases the conceptual understanding and skills of family therapists working with contemporary issues; emphasis on addictions and addiction recovery.

CFT629. Couples Therapy. 3 Credits.
Application of systems theory to problems within relationships and their resolution. Includes research findings, assessment, motivation, change, content and process, ethics, and social-macro considerations.

CFT630. Wellness and Spirituality. 3 Credits.
Provides an understanding of existential issues, spirituality, and wellness. Working with clients' life-cycle stages and health-stress issues; resources to promote wellness.

CFT632. Medical Family Therapy. 4 Credits.
Introduction to the theory, fundamentals, and practical applications of medical family therapy.

Courses

FHS199. Special Studies. 1-5 Credits.

FHS213. Issues for Children and Families. 4 Credits.
Examines issues and problems confronting children and families in modern society. Issues such as disability, poverty, health care, addictions, racism, and violence are addressed.

FHS215. Exploring Family and Human Services. 4 Credits.
Explores the historic basis and current design of family and human services. Emphasizes services to children, youth, adults, and families.

FHS216. Diversity in Human Services. 4 Credits.
Provides glimpses into various social groups and the rudimentary knowledge, awareness, and skills required to function effectively as a social-service worker within diverse populations.

FHS320. Instructional Methods in Early Childhood I. 1 Credit.
Explores an array of knowledge- and evidenced-based practices that ensure excellence in teaching young children.

FHS327. Organizational Issues in Human Services. 4 Credits.
Theories and policies on the organization of human services. Emphasizes the evaluation of outcomes of services for children, youth, adults, and families.
Prereq: major status.

FHS328. Theory of Family Systems. 4 Credits.
Examines families from an academic and evidence-based perspective. Integration of relevant contemporary family issues with personal experience to develop competencies related to human services profession.
Prereq: major status.

FHS329. Youth Psychopathology in Context. 4 Credits.
Presents child and adolescent psychopathology and problems within a diagnostic framework. Topics address psychosocial issues for youth in family and cultural contexts.
Prereq: major status.

FHS330. Individual and Group Interventions I. 4 Credits.
Strategies and interventions that enhance growth and change in individuals and families. Interventions range from specific individual techniques to strategies for small groups and families.
Prereq: major status.

FHS331. Individual and Group Interventions II. 3 Credits.
Strategies and interventions that enhance growth and change.
Prereq: FHS 330.

FHS399. Special Studies: [Topic]. 1-5 Credits.
Repeatable.

FHS401. Research: [Topic]. 1-5 Credits.
Repeatable.

FHS404. Internship. 1-12 Credits.

FHS405. Reading and Conference: [Topic]. 1-5 Credits.
Repeatable.

FHS406. Special Problems: [Topic]. 1-12 Credits.
Repeatable.

FHS407. Seminar: [Topic]. 1-5 Credits.
Repeatable.

FHS408. Workshop: [Topic]. 1-9 Credits.
Repeatable.

FHS409. Practicum: [Topic]. 1-9 Credits.
Repeatable.

FHS410. Experimental Course: [Topic]. 1-5 Credits.
Repeatable.

FHS420. Research in Human Services. 4 Credits.
Use of research to reform practice in human services. Trends and issues in assessment and evaluation in human services are provided.

FHS430. Foundations in Early Childhood Education. 3 Credits.
Explores the history and theories of early education with a focus on societal factors that affect development.

FHS482. Prevention of Youth Violence. 4 Credits.
Research and practice in community interventions designed to prevent youth violence. Includes home, school, and community-based interventions.

FHS483. Prevention of Interpersonal Violence. 4 Credits.
Examines interpersonal violence and community-based prevention using ecological, multicultural, international frameworks. Emphasizes assessment, prevention, intervention, and simultaneous occurrence of adult violence and child maltreatment.

FHS491. Junior Professional Practices and Issues I. 3 Credits.
Examines issues and behaviors associated with being a community service professional. Includes ethical standards for professional practice.
Prereq: major status.

FHS492. Junior Professional Practices and Issues II. 3 Credits.
Examines issues and behaviors associated with being a community service professional. Includes ethical standards for professional practice.
Prereq: major status.

FHS493. Junior Professional Practices and Issues III. 3 Credits.
Examines issues and behaviors associated with being a community service professional. Includes ethical standards for professional practice.
Prereq: major status.

FHS494. Senior Professional Practices and Issues. 3 Credits.
Examines issues and behaviors associated with being a community service professional.
Prereq: major status.

FHS495. Senior Professional Practices and Issues. 3 Credits.
Examines issues and behaviors associated with being a community service professional.
Prereq: major status.

FHS496. Senior Project Proposal. 1 Credit.
Students create a written proposal outlining rationale, project description, and timelines for completing the senior project.
Prereq: major status.

FHS497. Senior Project. 1-2 Credits.
Students develop a written product or project in conjunction with faculty members and field site personnel.
Prereq: FHS 496.

FHS507. Seminar: [Topic]. 1-5 Credits.
Repeatable.

FHS508. Workshop: [Topic]. 1-9 Credits.
Repeatable.

FHS510. Experimental Course: [Topic]. 1-5 Credits.
Repeatable.

FHS582. Prevention of Youth Violence. 4 Credits.
Research and practice in community interventions designed to prevent youth violence. Includes home, school, and community-based interventions.

FHS583. Prevention of Interpersonal Violence. 4 Credits.
Examines interpersonal violence and community-based prevention using ecological, multicultural, international frameworks. Emphasizes assessment, prevention, intervention, and simultaneous occurrence of adult violence and child maltreatment.

Courses

SAPP199. Special Studies: [Topic]. 1-5 Credits.
Repeatable.

SAPP407. Seminar: [Topic]. 1-5 Credits.
Repeatable.

SAPP408. Workshop: [Topic]. 1-12 Credits.
Repeatable.

SAPP409. Practicum: [Topic]. 1-16 Credits.
Repeatable.

SAPP410. Experimental Course: [Topic]. 1-5 Credits.
Repeatable.

SAPP507. Seminar: [Topic]. 1-5 Credits.
Repeatable.

SAPP508. Workshop: [Topic]. 1-12 Credits.
Repeatable.

SAPP510. Experimental Course: [Topic]. 1-5 Credits.
Repeatable.

SAPP605. Reading and Conference: [Topic]. 1-16 Credits.
Repeatable.

SAPP607. Seminar: [Topic]. 1-5 Credits.
Repeatable.

SAPP609. Practicum: [Topic]. 1-16 Credits.
Repeatable.

Educational Methodology, Policy, and Leadership

Charles R. Martinez, Department Head
541-346-5171
102 Lorry I. Lokey Education Building

The curriculum leading to master's and doctoral degrees in the Department of Educational Methodology, Policy, and Leadership focuses on the process for development, implementation, and achievement of results in organizations in K–12 settings.

Programs provide educational leaders, policymakers, and researchers with the skills needed to design and implement strategies that improve practices in educational organizations. Graduates are qualified for a variety of positions such as supervisors; specialists in technology and curriculum; principals and superintendents; administrators at the college level (community colleges, four-year colleges, research universities, and international agencies); consultants with school districts; and researchers in evaluation, management, leadership, and educational policy.

License Programs

Administrator License Preparation

541-346-2447
102 Lorry I. Lokey Education Building

Oregon requires administrators in public schools (vice principals, principals, assistant superintendents, superintendents, and other designated personnel) to hold administrative licenses. The University of Oregon offers planned programs of study leading to the initial and continuing licenses for administrators and superintendents.

Initial Administrator License

The initial administrator licensure program prepares students for building and program administration and for initial school district superintendent assignments. The initial administrator license may be issued to an applicant who completes the 26-credit program, earned a master's degree from an accredited college or university approved to offer teacher education, and provides documentation of at least three years of successful licensed experience. Admission to the program is limited and is based on the applicant's academic work, recommendations, and professional goals. The program begins in June, and admission decisions are made in early spring. Candidates can earn a master of education (MEd) degree at the UO by taking additional course work and completing a master's project.

Continuing Administrator License

This program prepares students for continuing building and program administration—preprimary through grade twelve—and for school district office assignments, including superintendent positions. Students who complete the UO initial administrator licensure preparation program are automatically admitted to the continuing administrator program upon completion of a continuing administrator license application. Application can be made to the program if the applicant completed an initial administrator program at another institution. Applicants to the continuing program must

- have a master's degree
- hold an Oregon initial administrator license
- submit a completed application

Students in the continuing administrator licensure program, if qualified, can be admitted to the doctor of education (DEd) degree program.

Reading Endorsement

This option is available to those already holding an Oregon teaching license. This program's emphasis is in literacy leadership and is for those who want to work as reading interventionists and serve as local leaders in the development, evaluation, and implementation of data-driven literacy systems.

Endorsement Requirements. Applicants must have a current teaching license, an undergraduate degree, a 3.00 grade point average, and be able to provide three letters of recommendation. Once accepted into the program, students must submit a formal Graduate School application.

Application and Admission. The department follows general university policy in its admission procedures. Students who transfer to the university from other institutions must meet UO entrance requirements. Information about admission to graduate study, including certificate and endorsement programs, is available on the College of Education's website.

Faculty

Gina Biancarosa, associate professor (adolescent literacy, struggling readers, advanced statistical methods). BA, 1992, Boston College; EdM, 1999, EdD, 2006, Harvard. (2009)

Michael D. Bullis, Sommerville-Knight Professor of Education (secondary special education, transition, adult services). BPE, 1973, MS, 1978, Purdue; PhD, 1983, Oregon. (1995)

David T. Conley, professor (policy analysis in education, educational leadership, school restructuring). BA, 1972, California, Berkeley; MA, 1983, PhD, 1986, Colorado, Boulder. (1989)

Dave DeGarmo, research associate professor (prevention science methodology, longitudinal analysis, fathers and parenting). BA, 1987, Lock Haven; MS, 1989, PhD, 1993, Akron. (2013).

Nancy Heapes, lecturer (leadership and team practices, leading change, learning organizations). BA, 1979, Adams State; MEd, 1987, PhD, 2007, Oregon. (1998)

Akihito Kamata, professor (psychometrics, quantitative research methods). BEd, 1988, Yamanashi; MS, 1990, Eastern Washington; PhD, 1998, Michigan State. (2009)

Keith Hollenbeck, senior lecturer (administrative leadership, school assessment, curriculum and instruction). BA, 1976, Humboldt State; MS, 1981, PhD, 1996, Oregon. (1996)

Charles R. Martinez, professor (equity and achievement, diversity issues in education, at-risk families). BA, 1991, Pitzer College; MA, 1993, PhD, 1997, California School of Professional Psychology. (1998)

Stan Paine, lecturer (effective school leadership,implementing and sustaining schoolwide change, improving school outcomes). BA, 1971, St. Cloud State; MS, 1973, Southern Illinois; PhD, 1978, Oregon. (1999)

Kathleen M. Scalise, associate professor (electronic learning, instructional technology and assessment, equity studies). BA, 1982, MA, 2004, PhD, 2004, California, Berkeley. (2005)

Kimberly Sherman, instructor (curriculum and assessment, teacher development, special education). BA, 1983, California State, Northridge; MS, 1990, Hawaii, Hilo; PhD, 2007, Oregon. (2008)

Joanna Smith, lecturer (education policy, education reform, qualitative research methods). BA, 1996, Haverford College; graduate diploma in education, 1997, Melbourne; PhD, 2004, Southern California. (2013)

Joseph Stevens, professor (educational and psychological measurement and assessment, statistical and quantitative methods). BA, 1974, MA, 1976, PhD, 1983, Arizona. (2005)

Gerald Tindal, Castle-McIntosh-Knight Professor (systems, assessment program evaluation, applied behavior analysis). BA, 1975, PhD, 1982, Minnesota. (1984)

Mark Van Ryzin, lecturer (social influences on adolescent development). BS, 1991, Wisconsin, Madison; MA, 2006, PhD, 2008, Minnesota, Twin Cities. (2012)

Yong Zhao, Presidential Chair; professor (technology and education, globalization and education, educational policy). BA, 1986, Sichuan International Studies; AM, 1994, PhD, 1996, Illinois, Urbana-Champaign. (2010)

Keith Zvoch, associate professor (quantitative methods, program evaluation, statistical modeling). BS, 1992, Pittsburgh; MA, 1995, PhD, 2001, New Mexico. (2007)

Emeriti

Max G. Abbott, professor emeritus. BS, 1949, MS, 1951, Utah State; PhD, 1960, Chicago. (1966)

Keith A. Acheson, professor emeritus. BS, 1948, MS, 1951, Lewis and Clark; EdD, 1964, Stanford. (1967)

Gerald K. Bogen, professor emeritus. BA, 1959, Western Washington; MS, 1961, DEd, 1963, Oregon. (1961)

C. H. Edson, associate professor emeritus. BA, 1964, California, Berkeley; MA, 1970, Oregon; PhD, 1979, Stanford. (1973)

Robert D. Gilberts, professor emeritus. BS, 1950, Wisconsin State; MS, 1955, PhD, 1961, Wisconsin, Madison. (1970)

Arthur C. Hearn, professor emeritus. AB, 1934, MA, 1937, EdD, 1949, Stanford. (1950)

Martin J. Kaufman, professor emeritus. BA, 1964, MEd, 1965, William and Mary; PhD, 1970, Texas, Austin. (1992)

John E. Lallas, professor emeritus; executive dean emeritus. BA, 1947, Washington (Seattle); BA, 1952, Western Washington; EdD, 1956, Stanford. (1957)

Roy E. Lieuallen, chancellor emeritus, Oregon University System. BS, 1940, Pacific University; MS, 1947, Oregon; EdD, 1955, Stanford. (1961)

Philip K. Piele, professor emeritus. BA, 1957, Washington State; MS, 1963, PhD, 1968, Oregon. (1967)

Richard A. Schmuck, professor emeritus. BA, 1958, MA, 1959, PhD, 1962, Michigan. (1967)

The date in parentheses at the end of each entry is the first year on the University of Oregon faculty.

Participating

Edward J. Kame'enui, special education and clinical sciences

Surendra Subramani, counseling psychology and human services

- **Doctor of Education**
- **Doctor of Philosophy** (p. 541)

Graduate Studies

The department offers master of arts (MA), master of science (MS), master of education (MEd), doctor of education (DEd), and doctor of philosophy (PhD) degrees with a major in educational leadership.

Master's Degrees

The Department of Educational Methodology, Policy, and Leadership offers the master of arts (MA), master of science (MS), and master of education (MEd) degrees.

During the first term of graduate work, each student plans a program of study with the assistance of the student's advisor.

In collaboration with the UO Academic Extension office, a master's degree program with a specialization in educational leadership is offered in British Columbia.

The master's degrees in educational leadership focus on five major areas of specialization. Students select one of these specializations when entering the degree program:

- **Policy and Leadership.**For those pursuing careerssuch as program coordinators or college advisorsin central school administration, student support services, or staff and community relations.
- **Educational Technology and Virtual Schools.**Builds theoretical knowledge and applied skills in uses of technology within schools and for leadership in technology-based programs and virtual schools.
- **Reading Degree or Endorsement.**For those who want to build a deep knowledge base in literacy development, assessment, and instruction, as well as implementation and leadershipof data-driven literacy systems.
- **Quantitative Research Methods in Education.**Prepares those pursuing careers in educational research.
- **Canada Leadership Degree.**Focuses on leadership in pre-K–12 educational systems: development of educational leaders; creation of organizational structures and functions to facilitate change; classroom assessment techniques and analyses; and professional writing for educators.

Students should consult the **Graduate School** section of this catalog for general university admission and degree requirements.

Doctoral Degrees

The Department of Educational Methodology, Policy, and Leadership offers two doctoral degrees—DEd and PhD. The doctor of education program, which emphasizes the development of expertise in professional practice, is intended for individuals who want careers as administrators, staff developers, curriculum specialists, or positions at state and local offices. DEd students select from multiple concentration areas.The doctor of philosophy degree program emphasizes the development of expertise in educational research and statistical analysis, in educational organizations, in measurement and assessment, or as preparation for becoming a professor of education with a specialization in research.

Both doctoral degree programs attract a diverse group of United States and international students. The programs share several distinctive features:

1. Students add depth and breadth to their program by taking courses in other departments of the College of Education and throughout the university
2. Course content is directly related to research units associated with the Department of Educational Methodology, Policy, and Leadership

The doctoral programs follow the general regulations governing graduate work at the university. Each PhD student plans a program with the guidance of a faculty advisor. In contrast, DEd students complete their program with a cohort and a fixed set of courses. DEd students select and complete one of several dissertation options specific to the program.This degree option may be completed concurrently with the initial administrator licensure program.

The DEd degree program may be completed on the Eugene campus or in Portland, Bend, or Ashland.

Doctoral Degree Requirements

A minimum of 135 graduate credits are required for the doctor of education (DEd) degree program; the doctor of philosophy (PhD) requires a minimum of 184 graduate credits. In both programs, at least 84 credits must be earned after admission to the program; 18 of these 84 credits are earned in Dissertation (603). Students may request to transfer as many as 51 graduate-level credits. The remaining required credits include courses in research methodology and electives.

Research methodology		
Electives		
EDLD603	Dissertation	18
Courses in disciplinary or interdisciplinary cognate field outside the College of Education		12

Residency

Students must complete at least three years of full-time graduate-level academic work beyond the baccalaureate degree. Three consecutive terms of full-time study (graduate credits) must be completed to meet graduate school residency requirements.

Application and Admission

The department follows general university policy in its admission procedures. Students who transfer to the university from other institutions must meet UO entrance requirements. Information about admission to graduate study is available from the department student services coordinator and on the College of Education's website. Information about licensure and degree programs may be obtained from the director of graduate studies.

Courses

EDLD199. Special Studies: [Topic]. 1-5 Credits.
Repeatable. Topics include 21st-Century Leadership, Peer Mentoring.

EDLD404. Internship: [Topic]. 1-12 Credits.
Repeatable.

EDLD405. Reading and Conference: [Topic]. 1-21 Credits.
Repeatable.

EDLD407. Seminar: [Topic]. 1-4 Credits.
Repeatable. Topics include Human Services, Peer Health Education.

EDLD408. Workshop: [Topic]. 1-21 Credits.
Repeatable.

EDLD409. Practicum: [Topic]. 1-12 Credits.
Repeatable. Topics include Advanced Peer Support, International Educational Leadership.

EDLD410. Experimental Course: [Topic]. 1-4 Credits.
Repeatable.

EDLD422. Globalization and Education. 4 Credits.
Examines the implications of globalization on education and educational systems around the world.

EDLD430. Comparative Education. 4 Credits.
Undergraduate-level seminar focusing on major educational issues of concern to scholars in the field of comparative education.

EDLD450. Data and Information Retrieval. 1 Credit.
Presents multimedia information search and organization procedures for use with public libraries, websites, and institutional and governmental clearinghouses.

EDLD460. Measurement and Assessment. 2 Credits.
Covers foundational knowledge in measurement and assessment.

EDLD503. Thesis. 1-16 Credits.
Repeatable.

EDLD507. Seminar: [Topic]. 1-4 Credits.
Repeatable. Topics include Human Services, Peer Health Education.

EDLD508. Workshop: [Topic]. 1-21 Credits.
Repeatable.

EDLD510. Experimental Course: [Topic]. 1-4 Credits.
Repeatable.

EDLD522. Globalization and Education. 4 Credits.
Examines the implications of globalization on education and educational systems around the world.

EDLD530. Comparative Education. 4 Credits.
Graduate-level seminar focusing on major educational issues of concern to scholars in the field of comparative education.

EDLD550. Data and Information Retrieval. 1 Credit.
Presents multimedia information search and organization procedures for use with public libraries, websites, and institutional and governmental clearinghouses.

EDLD560. Measurement and Assessment. 2 Credits.
Covers foundational knowledge in measurement and assessment.

EDLD601. Research: [Topic]. 1-16 Credits.
Repeatable.

EDLD602. Supervised College Teaching. 1-5 Credits.
Repeatable.

EDLD603. Dissertation. 1-16 Credits.
Repeatable.

EDLD604. Internship: [Topic]. 1-12 Credits.
Repeatable.

EDLD605. Reading and Conference: [Topic]. 1-16 Credits.
Repeatable.

EDLD606. Field Studies: [Topic]. 1-16 Credits.
Repeatable.

EDLD607. Seminar: [Topic]. 1-6 Credits.
Repeatable.

EDLD608. Workshop: [Topic]. 1-16 Credits.
Repeatable.

EDLD609. Practicum: [Topic]. 1-16 Credits.
Repeatable. Topics include Administrator Licensure, International Higher Education, Superintendent.

EDLD610. Experimental Course: [Topic]. 1-5 Credits.
Repeatable. Topics include Advanced Measurement and Assessment, Equity and Achievement, Foundations of Educational Research, Hierarchical Linear Modeling, Master's Research Writing.

EDLD611. Virtual Design and Delivery. 4 Credits.
Examines the specific technology, instructional modalities, and learning environments of virtual schools. Students explore a variety of instructional design models and create learning modules that incorporate best practices.

EDLD612. Reading Interventions. 4 Credits.
Focuses on providing research-based reading interventions to school-age struggling readers. Includes field experience tutoring a child at the Center on Teaching and Learning Reading Clinic on campus.

EDLD613. Reading Research. 4 Credits.
Focuses on the empirical research that serves as the scientific basis for advancing reading pedagogy and practice.

EDLD618. Data-Based Decisions in Literacy. 4 Credits.
Examines data-based decision-making in the context of reading development and instruction from kindergarten through twelfth grade.

EDLD620. Educational Leadership. 4 Credits.
Teaches leadership concepts through simulations and exercises. Covers group expectations, basic communication skills, participative decision-making, ethics, goal setting, power, and styles of influence.

EDLD621. Equity and Achievement. 3 Credits.
Provides basics of data analysis and interpretations regarding achievement gaps, as well as applications of multiculturally competent practices in educational administrative settings.

EDLD622. Leading Change. 4 Credits.
Examines leadership through a systems-thinking lens. Students experience how adaptive leadership sustains change and why traditional operational change fails in education.

EDLD625. Survey and Questionnaire Design. 4 Credits.
Students gain practical experience in the collection and analysis of social science information through the design of surveys and questionnaires.

EDLD628. Hierarchical Linear Models I. 4 Credits.
Introduction to multilevel modeling and hierarchical data structures, random and fixed effects, intercepts and slopes as outcomes models, estimation, centering, and two-level models. Sequence with EDLD 629. Prereq: EDUC 642.

EDLD629. Hierarchical Linear Models II. 4 Credits.
Advanced topics in multilevel modeling and hierarchical data structures including three-level models with random and fixed effects, longitudinal models, and multilevel models. Sequence with EDLD 628. Offered alternate years.
Prereq: EDLD 628.

EDLD632. Educational Policy Analysis. 4 Credits.
Systematic interpretation and analysis of issues in educational policy using techniques such as cost-benefit, competing values, impact, and effects analysis.

EDLD633. Structural Equation Modeling I. 4 Credits.
Theory, application, and interpretation of structural equation modeling techniques. Includes covariance structures, path diagrams, path analysis, model identification, estimation, and testing. Sequence with EDLD 634.
Prereq: EDUC 642.

EDLD634. Structural Equation Modeling II. 4 Credits.
Emphasis on structural and latent variable models, including cross-validation, mean structures, comparing groups and models, latent growth-curve analyses. Sequence with EDLD 633. Offered alternate years.
Prereq: EDLD 633.

EDLD637. Diversity in Education. 3 Credits.
Broad exposure to issues of diversity; framework students can use to facilitate understanding of self and others in school and clinical settings.

EDLD638. Advanced School Law. 4 Credits.
Legal issues in school board--superintendent relations, media relations, personnel evaluation practices, student and employee rights, collective bargaining, contract management, Teacher Standards and Practices Commission and Office of Civil Rights complaints.

EDLD641. Standards and Accountability Systems. 4 Credits.
Rationale for standards and accountability systems. Reviews national, state, and local systems and ways to improve these systems. Associated policy and implementation.

EDLD644. Learning Organization. 4 Credits.
Three facets of learning organization are integrated: structural components, informational systems, and leadership processes.

EDLD646. Action Research. 4 Credits.
Designing and implementing quasi-experimental studies in classrooms; using outcomes to enhance educational programs and provide professional development for teachers.

EDLD647. Professional Isues in Education I. 1 Credit.
Examines the relationship between scholarship, planned programs of study, preparation for comprehensive exams, master's project, and dissertation.

EDLD648. Professional Issues in Education II. 1 Credit.
Examines the relationship between scholarship, planned programs of study, preparation for comprehensive exams, master's project, and dissertation.
Prereq: EDLD 647.

EDLD649. Professional Issues in Education III. 1 Credit.
Examines the relationship between scholarship, planned programs of study, preparation for comprehensive exams, master's project, and dissertation.
Prereq: EDLD 648.

EDLD650. Advanced Seminar Educational Research Methods. 4 Credits.
Examines special issues in the use and application of educational statistics and research design in a discussion-seminar format.
Prereq: EDUC 640.

EDLD655. Analysis of Teaching and Learning. 4 Credits.
Increases understanding of theories of learning and methodologies of teaching through analysis of relationship between teaching and learning.

EDLD656. Technology Foundations. 4 Credits.
Introduces students to computational thinking used in education, preparing them to apply technology foundations in schools.

EDLD657. Information Technology for Curriculum Design. 4 Credits.
Addresses integration of classroom educational technology. Participants explore and evaluate best practices on how, when, and why technology might be introduced into education.

EDLD658. Online Programs for Virtual Schooling. 1-3 Credits.
Students choose an area of focus and select one module to complete per credit hour.

EDLD659. Scholarly Writing. 4 Credits.
Develops proficiency in preparing technical reports, dissertations, grant applications, and literature syntheses to communicate educational programs, processes, and results.

EDLD661. Item Response Theory I. 3 Credits.
Theory and application of item response measurement models. Participation outcomes include knowledge of IRT models, terminology, and resources. Emphasis on popular models and underlying assumptions.

EDLD662. Item Response Theory II. 3 Credits.
Application of item response measurement models to current research. Applying theoretical knowledge to practical problems associated with measurement, data structure, and software operation.
Prereq: EDLD 661.

EDLD663. Measurement & Assessment: Research. 2 Credits.
Covers applied knowledge in measurement and assessment with an emphasis on use of measures for research purposes.
Coreq: EDLD 560.

EDLD664. Measurement & Assessment: Online Learning. 2 Credits.
Covers applied knowledge in measurement and assessment with an emphasis on assessment in an online learning context.
Coreq: EDLD 560.

EDLD665. Measurement & Assessment: Literacy. 2 Credits.
Covers applied knowledge in measurement and assessment with emphasis on use of reading, writing, and language assessments for instructional and intervention purposes.
Coreq: EDLD 560.

EDLD670. Analysis of Discrete and Categorical Data. 4 Credits.
Advanced methods for analysis of discrete data. Topics include log-linear, logit, probit, latent class, and mixture models, and other generalized linear models. Offered alternate years.
Prereq: EDUC 642.

EDLD675. School Finance. 3 Credits.
Overview of school finance concepts, Oregon's school financing system, political and legal considerations, taxation, state distribution formulas, school finance reform, the federal role in education.

EDLD681. Program Evaluation for Educational Managers I. 4 Credits.
A comprehensive survey of formative and summative evaluations of educational programs at schools and colleges.

EDLD683. State and Local Policy Development in Education. 4 Credits.
Analysis of the social, economic, political, and technological forces that shape educational policy at the national, state, and local levels. Developing school district policies and assessing their consequences.

EDLD684. Master's Project Proposal. 1 Credit.
Clarifying research topics and identifying data sources and interpretation for the master's project for initial administrator licensure under the guidance of faculty advisor.

EDLD685. Master's Project. 1-6 Credits.
Culminating activity for students seeking initial administrator licensure master's degree. Working under the guidance of assigned faculty advisor to complete the master's project.

EDLD708. Workshop: [Topic]. 1-16 Credits.
Repeatable.

EDLD709. Practicum: [Topic]. 1-16 Credits.
Repeatable.

EDLD710. Experimental Course: [Topic]. 1-5 Credits.
Repeatable.

Education Studies

Juliet "Jill" A. Baxter, Department Head
541-346-3404
124 Lorry I. Lokey Education Building

License and degree programs in the Department of Education Studies prepare professionals to work in education. The undergraduate major in educational foundations leads to a bachelor of arts (BA) or bachelor of science (BS) degree. In some cases, students may earn a bachelor of education (BEd) degree.

The master's-level programs include

1. a degree in curriculum and teaching with a specialization inearly childhood–elementary education or middle school–high school education,which includes a recommendation for a state-approved teaching license and a master of education (MEd) degree
2. a program in curriculum and teacher education for those already holding a teaching license and are seeking a master of science (MS) degree
3. add-on endorsements for licensed teachers in English for speakers of other languages and reading

The doctoral degree program leads to a doctor of philosophy degree (PhD) in critical and sociocultural studies in education.

Faculty

Juliet "Jill" A. Baxter, associate professor (mathematics and science education, professional development of teachers). AB, 1975, MA, 1977, PhD, 1987, Stanford; MA, 1977, Minnesota. (2002)

Joanna Goode, associate professor (education for social justice, instructional technology, urban education). BS 1997, MEd, 1998, PhD, 2004, California, Los Angeles. (2005)

Jeanne Hall, instructor (preservice-teacher field experience, Japanese immersion, teacher mentoring). BA, 1978, Azusa Pacific; MEd, 1984, Washington (Seattle). (2002)

Abby Lane, instructor (bilingual education, English language learners, migrant education). BA, 1983, California State, Northridge; MEd, 1992, Oregon. (2000)

Lisa Mazzei, associate professor (qualitative research methodology, curriculum theory, whiteness studies). BA, 1983, Marshall; MA, 1984, PhD, 1996, Ohio State. (2012)

Rhonda Myers, instructor (English language learners, school administration, teacher development); practicum placement coordinator. BA, 1971, Southwestern Oklahoma State; MEd, 1987, Oklahoma. (2010)

Edward Olivos, associate professor (bilingual education, Latinos and education, teacher preparation). BA, 1991, MA, 1997, PhD, 2003, San Diego State. (2007)

Jerry L. Rosiek, associate professor (multicultural education, qualitative research methods, teacher knowledge). BA, 1987, BS, 1988, Texas A & M; PhD, 1997, Stanford. (2005)

Alison Schmitke, lecturer (social foundations of education, feminist curriculum theory, sports education); director, undergraduate degree program. BA, 1994, Willamette; MEd, 1996, Portland State; PhD, 2008, Alabama. (2006)

Kara Whipple, instructor (special education, social justice and conflict resolution in educational systems). BS, 2000, Delaware; MEd, 2006, MS, 2012, Oregon (2013)

Emeriti

Edna P. DeHaven, professor emerita. BS, 1951, Oregon College of Education; MEd, 1962, PhD, 1969, Oregon. (1969)

Gary W. Ferrington, senior instructor emeritus. BS, 1964, Portland State; MS, 1967, Southern California. (1967)

M. D. "Mark" Gall, professor emeritus. BA, 1963, MEd, 1963, Harvard; PhD, 1968, California, Berkeley. (1975)

Judith K. Grosenick, professor emerita. BS, 1964, Wisconsin, Oshkosh; MS, 1966, PhD, 1968 Kansas. (1984)

William H. Harris, associate professor emeritus. BA, 1949, Willamette; BS, 1951, MS, 1953, Eastern Oregon; DEd, 1967, Oregon. (1969)

Ray E. Hull, professor emeritus. BS, 1958, MS, 1962, Oregon State; DEd, 1969, Oregon. (1970)

William E. Lamon, associate professor emeritus. BS, 1964, San Francisco; MS, 1965, California State; PhD, 1968, California, Berkeley. (1972)

David G. Moursund, professor emeritus. BA, 1958, Oregon; MS, 1960, PhD, 1963, Wisconsin, Madison. (1967)

Ione F. Pierron, associate professor emerita of librarianship. BA, 1936, Puget Sound; MA, 1955, Minnesota; MS, 1960, Oregon. (1948)

Mildred C. Robeck, professor emerita. BA, 1951, MEd, 1954, PhD, 1958, Washington (Seattle). (1967)

John E. Suttle, professor emeritus. BS, 1948, Texas; MEd, 1952, Colorado; EdD, 1960, Texas. (1959)

Robert A. Sylwester, professor emeritus. BS, 1949, Concordia Teachers; MEd, 1953, DEd, 1961, Oregon. (1968)

The date in parentheses at the end of each entry is the first year on the University of Oregon faculty.

- **Bachelor of Arts** (p. 545)
- **Bachelor of Science** (p. 545)
- **Bachelor of Education**

Undergraduate Studies

Educational Foundations

The purpose of the educational foundations major is to prepare future professionals in education and related fields: critical thinkers, well-informed about theory and practice, who possess the knowledge and skills to be agents of change in economically, racially, culturally, and linguistically diverse communities. The program focuses on content preparation and provides students with a sophisticated understanding of the intersections of multiple disciplines within larger historical and contemporary themes.

The two-year program, completed during the junior and senior years, prepares undergraduate students for admission into master's-level teacher certification programs or other Graduate School programs such as social work or psychology. The educational foundations major does not result in a teaching license.

Major Requirements

Students planning to major in educational foundations enter the university as education premajors. Transfer students and university students from other majors may become premajors by submitting a Request for Addition or Deletion Major form, available online. Premajors are not eligible to take most 300- and 400-level education courses. Premajor status does not guarantee admission to the educational foundations major.

The major is designed as a two-year program completed during the undergraduate junior and senior year. The major requires core courses in five areas: learning, teaching, and assessment; curriculum theory; technology and education; literacy; and equality of opportunity. Additional courses are required in mathematics, science, and a variety of other subjects, including reading, art, music, and physical education.

Bachelor of Arts Degree Requirements

Premajor Courses		
EDST111	Educational Issues and Problems	4
EDST199	Special Studies: [Topic]	4
EDST220	Beginning Applications in Educational Technology	4
EDST231	Teaching in the 21st Century	4
Learning, Teaching, and Assessment		
EDST331	Autobiography of Schooling	4
EDST332–333	Learning, Teaching, and Assessment I-II	6
EDST338–339	Observation: Learning, Teaching, Assessment I-II	2
Curriculum Theory		
EDST342–343	Curriculum Studies I-II	8
Technology and Education		
EDST422	Technology Education	4
Literacy		
EDST410	Experimental Course: [Topic] (Multicultural Literature for Children)	1-5
EDST463	Foundations of Reading	4
Equality of Opportunity		
EDST420	Living in a Stratified Society	4
Select two of the following:		6
EDST451	Equal Opportunity: Ecojustice and Education	
EDST452	Equal Opportunity: Poverty	
EDST454	Equal Opportunity: Patriarchy	
EDST455	Equal Opportunity: Homophobia	
EDST456	Equal Opportunity: Colonization and Genocide	
EDST457	Equal Opportunity: Diaspora and Immigration	
EDST458	Observation: Equal Opportunity I [1]	1
Additional Requirements		
Mathematics courses		
Science courses		
Reading courses		
Art courses		
Music courses		
Physical education courses		
Total Credits		**56-60**

[1] Course may be repeated twice in conjunction with registering for an Equal Opportunity course.

Bachelor of Science Degree Requirements

Premajor Courses		
EDST111	Educational Issues and Problems	4
EDST199	Special Studies: [Topic]	4
EDST220	Beginning Applications in Educational Technology	4
EDST231	Teaching in the 21st Century	4
Learning, Teaching, and Assessment		
EDST331	Autobiography of Schooling	4
EDST332–333	Learning, Teaching, and Assessment I-II	6
EDST338–339	Observation: Learning, Teaching, Assessment I-II	2
Curriculum Theory		
EDST342–343	Curriculum Studies I-II	8
Technology and Education		
EDST422	Technology Education	4
Literacy		
EDST410	Experimental Course: [Topic] (Multicultural Literature for Children)	1-5
EDST463	Foundations of Reading	4
Equality of Opportunity		
EDST420	Living in a Stratified Society	4
Select two of the following:		6
EDST451	Equal Opportunity: Ecojustice and Education	

EDST452	Equal Opportunity: Poverty	
EDST454	Equal Opportunity: Patriarchy	
EDST455	Equal Opportunity: Homophobia	
EDST456	Equal Opportunity: Colonization and Genocide	
EDST457	Equal Opportunity: Diaspora and Immigration	
EDST458	Observation: Equal Opportunity I [1]	1
Additional Requirements		
Mathematics courses		
Science courses		
Reading courses		
Art courses		
Music courses		
Physical education courses		
Total Credits		**56-60**

[1] Course may be repeated twice in conjunction with registering for an Equal Opportunity course.

Bachelor of Education Degree Requirements

Premajor Courses		
EDST111	Educational Issues and Problems	4
EDST199	Special Studies: [Topic]	4
EDST220	Beginning Applications in Educational Technology	4
EDST231	Teaching in the 21st Century	4
Learning, Teaching, and Assessment		
EDST331	Autobiography of Schooling	4
EDST332–333	Learning, Teaching, and Assessment I-II	6
EDST338–339	Observation: Learning, Teaching, Assessment I-II	2
Curriculum Theory		
EDST342–343	Curriculum Studies I-II	8
Technology and Education		
EDST422	Technology Education	4
Literacy		
EDST410	Experimental Course: [Topic] (Multicultural Literature for Children)	1-5
EDST463	Foundations of Reading	4
Equality of Opportunity		
EDST420	Living in a Stratified Society	4
Select two of the following:		6
EDST451	Equal Opportunity: Ecojustice and Education	
EDST452	Equal Opportunity: Poverty	
EDST454	Equal Opportunity: Patriarchy	
EDST455	Equal Opportunity: Homophobia	
EDST456	Equal Opportunity: Colonization and Genocide	
EDST457	Equal Opportunity: Diaspora and Immigration	
EDST458	Observation: Equal Opportunity I [1]	1
Additional Requirements		
Mathematics courses		
Science courses		
Reading courses		
Art courses		
Music courses		
Physical education courses		
Total Credits		**56-60**

[1] Course may be repeated twice in conjunction with registering for an Equal Opportunity course.

Application and Admission

Students must submit a formal application for admission to the major. Application to the major is made before beginning the junior year of study and may be made only during winter term of each academic year. Seniors who transfer from another university or change their major may be admitted but are not guaranteed graduation within one year. Application materials and directions are available on the College of Education website.

- **Master of Education** (p. 546)
- **Master of Science** (p. 547)
- **Doctor of Philosophy** (p. 547)
- **ESOL Endorsement** (p. 547)
- **Reading Endorsement**

Graduate Studies

Master of Education in Curriculum and Teaching

Students pursuing a master of education degree (MEd) are admitted to the curriculum and teaching major through the K–12 licensure program, UO Teach, which emphasizes critical teaching, cultural awareness, and strong preparation in subject matter. Completion of the program leads to a teaching license and a master of education degree (MEd) in curriculum and teaching.

The program has two specializations: early childhood–elementary education or middle school–high school education. The middle school–high school specialization prepares students for licensure in only the following subject areas: language arts, social studies, basic and advanced mathematics, biology, chemistry, physics, integrated science, and a number of second languages, including Chinese, French,German, Japanese, and Spanish. Both specializations include embedded preparation in English for speakers of other languages (ESOL).

Students who successfully complete the licensure part of the master's degree program are eligible to be recommended for a teaching license, which is granted by the Oregon Teacher Standards and Practices Commission.

UO Teach is a five-term, full-time program, though a small number of part-time students may be accepted for a two-year program. It is a cohort-based program (students are taught as a community rather than as a collection of individuals) in which students take courses in a specified sequence. Course work considers such questions as how students learn, how culture affects the teaching and learning process, and the role of schools in either maintaining or challenging social injustice, and has a strong focus on subject-related teaching methods that emphasize critical thinking and teaching. Students are in field placements in

schools for an entire academic year, including two terms of student teaching. More information on the program is available at the website: education.uoregon.edu/uoteach.

Application and Admission

UO Teach has limited enrollment; it may not be possible to admit every applicant who meets the basic criteria. Admission criteria include the student's grade point average (GPA), scores on licensure-related tests, content preparation, experience working with young people, a commitment to working with diverse populations, and strong communication skills. See the website for application details.

Master of Science in Curriculum and Teacher Education

Core Courses	
Foundations of education courses	8
Teacher professionalism courses	8
Research methodology courses	8
Specialization Courses	
Program courses	16
Electives	16
Total Credits	**56**

This program is designed for those who already hold a teaching license and want to build on their knowledge by introduction to the latest scholarship on teaching.

With the guidance of a faculty advisor, students choose at least one area of specialization and plan a program. Among the specializations currently offered are English for speakers of other languages (ESOL) endorsement, reading endorsements and added secondary-subject endorsements.

This is designed as a part-time program; note that the Graduate School requires students to take at least 3 credits per term. Courses are offered in summer session and in the evenings during the school year. More information is available at education.uoregon.edu/cted.

Application and Admissions

Enrollment is limited. Program admission is based on grade point average, recommendations, need in the field (priority given to those seeking ESOL or mathematics endorsements), and the interview. See the website for application details.

English for Speakers of Other Languages (ESOL) Endorsement

The add-on endorsements in ESOL and ESOL–bilingual education prepare educators to serve students who enter the public school system with a native language other than English. Another goal of these endorsement programs is to prepare teachers to view the native culture of an ESOL student as a source of pride and enrichment. Course work and field experiences develop teachers'

- planning, delivery, and assessment of ESOL instruction
- knowledge of effective second-language program models
- ability to serve as a resource to content teachers to ensure successful transition of a child from a sheltered program to the mainstream program
- ability to advocate for literacy in more than one language and for education with more than one cultural focus, resisting assimilationist approaches to ESOL education

ESOL Endorsement Requirements

Courses	16
Practicum	3
Total Credits	**19**

The program for the ESOL endorsement requires satisfactory completion of 19 credits, including four courses and a practicum. As an add-on endorsement, it is only available to licensed teachers.

Students who have completed an ESOL endorsement and are proficient in another language may add the bilingual endorsement by passing the appropriate Oregon Educator Licensure Assessments–National Evaluation Series language test. No course work is necessary for the bilingual endorsement.

Reading Endorsement Requirements

Courses	24
Practicum	3
Total Credits	**27**

The reading endorsement is an option available to those who already hold an Oregon teaching license and want to become reading interventionists. The program has a multilingual-multicultural emphasis that offers a linguistically and culturally inclusive approach to literacy education, including attention to the needs of speakers of other languages and nonstandard English. Students complete six courses and a practicum for a total of 27 credits.

Application and Admissions

Applicants must hold a teaching license. Students are admitted on a rolling basis but typically begin the program in summer or fall. For application information and deadlines, visit education.uoregon.edu/cted.

Licensure

Licensure programs of the Department of Education Studies meet the requirements of the Oregon Teacher Standards and Practices Commission. Initial licensure programs include early childhood–elementary education and middle-secondary education. Endorsements are available in ESOL and ESOL-bilingual education and reading.

Doctor of Philosophy in Critical and Sociocultural Studies in Education

The University of Oregon doctor of philosophy degree (PhD) in critical and sociocultural studies in education emphasizes the development of expertise in research on curriculum, instruction, and teacher education. The program is designed to prepare candidates for work as faculty members at universities. Graduates may also pursue careers as researchers at state agencies or private research centers. The program requires disciplined study of the processes of teaching and learning as well as critical discussions about worthwhile teaching subjects. Courses of study in the program focus on

- the development of teachers as curriculum designers, critical and creative thinkers, and scholars of their practice
- the cognitive foundations of teaching practice

- the social and cultural context in which teaching and teacher education takes place
- the ideological, cultural, and philosophical foundations of educational practice
- extensive and rigorous preparation in qualitative and/or quantitative research methods

The program requires a minimum of 135 graduate credits, at least 84 of which must be earned after admission to the program.

Admission

The program is small; approximately ten students are admitted every two years. The next cohort will be admitted for fall 2015. Application details are available online at education.uoregon.edu/csse.

Courses

EDST111. Educational Issues and Problems. 4 Credits.
Examines specific issues and problems confronting educators. Compares and contrasts different approaches to the ways in which society defines and deals with educational issues and problems.

EDST196. Field Studies: [Topic]. 1-2 Credits.
Repeatable.

EDST198. Workshop: [Topic]. 1-2 Credits.
Repeatable.

EDST199. Special Studies: [Topic]. 1-5 Credits.
Repeatable. A recent topic is Exploring Educational Studies.

EDST220. Beginning Applications in Educational Technology. 4 Credits.
Development of skills and exploration of computer applications useful for communicating in an educational setting.

EDST225. School and Representation in Film. 4 Credits.
Examines popular culture's influence on schools and teachers along with the various mediating factors such as race, ethnicity, social class, gender, sexuality, religion, and nationality.

EDST231. Teaching in the 21st Century. 4 Credits.
Exploration of who teachers are and what teachers do in urban, suburban, and rural school settings.

EDST331. Autobiography of Schooling. 4 Credits.
Through critical autobiographies, case studies, readings and application activities, students examine and reflect on life in classrooms.

EDST332. Learning, Teaching, and Assessment I. 3 Credits.
Students move beyond their own critical autobiographies of life in classrooms into various disciplinary literatures on learning, teaching, and assessment.
Prereq: EDST 331; coreq: EDST 338.

EDST333. Learning, Teaching, and Assessment II. 3 Credits.
Focus on specific school subjects that provide a context for examining the basic assumptions underlying teaching, learning, and assessment.
Prereq: EDST 332; coreq: EDST 339.

EDST338. Observation: Learning, Teaching, Assessment I. 1 Credit.
Students focus on listening to children to better understand how they make sense of school subjects.
Pre- or coreq: EDST 332.

EDST339. Observation: Learning, Teaching, Assessment II. 1 Credit.
Focuses on developing skills in observation of learning, teaching, and assessments.
Coreq: EDST 333.

EDST342. Curriculum Studies I. 4 Credits.
Examines basic assumptions underlying curriculum in specific subject areas.

EDST343. Curriculum Studies II. 4 Credits.
Examines basic assumptions underlying curriculum development in K-12 schools.
Prereq: EDST 342.

EDST399. Special Studies: [Topic]. 1-5 Credits.
Repeatable. Recent topics include Exploring Educational Studies, IDEA Reading.

EDST401. Research: [Topic]. 1-18 Credits.
Repeatable.

EDST402. Supervised College Teaching. 1-6 Credits.
Repeatable.

EDST404. Internship: [Topic]. 1-18 Credits.
Repeatable.

EDST405. Reading and Conference: [Topic]. 1-18 Credits.
Repeatable.

EDST406. Special Problems: [Topic]. 1-16 Credits.
Repeatable. Recent topics include Educational Foundations.

EDST407. Seminar: [Topic]. 1-5 Credits.
Repeatable. Recent topics include Professional Practices, Education for Minority Students, Reading in the Upper Elementary Grades.

EDST408. Workshop: [Topic]. 1-6 Credits.
Repeatable.

EDST409. Practicum: [Topic]. 1-18 Credits.
Repeatable. Topics include Integrated Licensure I, II, III.

EDST410. Experimental Course: [Topic]. 1-5 Credits.
Repeatable. Topics include Foundations of Education, Science and Health Methods, Social Studies and Language Arts Methods.

EDST411. Childhood Studies. 3 Credits.
Examines child development from within the context of specific development and ecological theories.

EDST420. Living in a Stratified Society. 4 Credits.
Examines the stratification of wealth, status, and opportunity for advancement in our society.

EDST422. Technology Education. 4 Credits.
Examines educational technology, including the theoretical, methodological, practical, and policy issues that influence the field.

EDST440. Physical Education for Diverse Learners. 3 Credits.
Provides a variety of physical education and fitness activities appropriate for children with diverse abilities.

EDST451. Equal Opportunity: Ecojustice and Education. 3 Credits.
Examines ways that schools, implicitly and explicitly, teach about the environment and human relationships to the environment.
Prereq: EDST 420; coreq: EDST 458.

EDST452. Equal Opportunity: Poverty. 3 Credits.
Examines the way poverty structures and mediates educational experiences and influences the educational achievement of students.
Prereq: EDST 420.

EDST453. Equal Opportunity: Racism. 3 Credits.
Examines the historical development of the concept of race and its role in legitimizing colonization, genocide, and extreme maldistributions of wealth.
Prereq: EDST 420.

EDST454. Equal Opportunity: Patriarchy. 3 Credits.
Examines the way gender affects educational experiences and influences the educational achievement of students.
Prereq: EDST 420.

EDST455. Equal Opportunity: Homophobia. 3 Credits.
Examines the way sexuality and sexual identity influence the educational experiences of students.
Prereq: EDST 420. Coreq: EDST 458.

EDST456. Equal Opportunity: Colonization and Genocide. 3 Credits.
Examines educational institutions and their continuing part in larger social processes of colonization and cultural genocide.
Prereq: EDST 420.

EDST457. Equal Opportunity: Diaspora and Immigration. 3 Credits.
Examines the way educational institutions have responded to human migration generally and to immigrant students specifically.
Prereq: EDST 420

EDST458. Observation: Equal Opportunity I. 1 Credit.
Repeatable. Engages students in the analysis of specific dimensions of educational opportunity in the field.
Prereq: EDST 420; coreq: one from EDST 451, 452, 453, 454, 455, 456, 457.

EDST462. Interventions for the Struggling Reader. 4 Credits.
Focuses on prevention efforts and interventions for struggling readers.

EDST463. Foundations of Reading. 4 Credits.
Introduction to the various theoretical dimensions of reading and writing that form the foundation for understanding and teaching the complex texts children encounter today.

EDST464. Multicultural Literacy. 4 Credits.
Introduces preservice teachers to literature written from ethnic, linguistic, social, and cultural perspectives and draws connections to broader cultural, social, historical, economic, and political contexts.

EDST471. Foundations of Algebra Learning. 4 Credits.
Focuses on the principles underlying the teaching and learning of algebra. Sequence with EDST 472.

EDST472. Foundations of Geometry Learning. 4 Credits.
Focuses on the principles underlying the teaching and learning of geometry. Sequence with EDST 471.
Prereq: EDST 471.

EDST507. Seminar: [Topic]. 1-5 Credits.
Repeatable. Recent topics include Professional Practices, Education for Minority Students, Reading in the Upper Elementary Grades.

EDST508. Workshop: [Topic]. 1-6 Credits.
Repeatable.

EDST510. Experimental Course: [Topic]. 1-5 Credits.
Repeatable. Topics include Foundations of Education, Science and Health Methods, Social Studies and Language Arts Methods.

EDST522. Technology Education. 4 Credits.
Examines educational technology, including the theoretical, methodological, practical, and policy issues that influence the field.

EDST551. Equal Opportunity: Ecojustice and Education. 3 Credits.
Examines ways that schools, implicitly and explicitly, teach about the environment and human relationships to the environment.
Coreq: EDST 558.

EDST552. Equal Opportunity: Poverty. 3 Credits.
Examines the way poverty structures and mediates educational experiences and influences the educational achievement of students.

EDST553. Equal Opportunity: Racism. 3 Credits.
Examines the historical development of the concept of race and its role in legitimizing colonization, genocide, and extreme maldistributions of wealth.

EDST554. Equal Opportunity: Patriarchy. 3 Credits.
Examines the way gender affects educational experiences and influences the educational achievement of students.

EDST555. Equal Opportunity: Homophobia. 3 Credits.
Examines the way sexuality and sexual identity influence the educational experiences of students.

EDST556. Equal Opportunity: Colonization and Genocide. 3 Credits.
Examines educational institutions and their continuing part in larger social processes of colonization and cultural genocide.

EDST557. Equal Opportunity: Diaspora and Immigration. 3 Credits.
Examines the way educational institutions have responded to human migration generally and to immigrant students specifically.

EDST558. Observation: Equal Opportunity I. 1 Credit.
Engages students in the analysis of specific dimensions of educational opportunity in the field.

EDST562. Interventions for the Struggling Reader. 4 Credits.
Focuses on prevention efforts and interventions for struggling readers.

EDST571. Foundations of Algebra Learning. 4 Credits.
Focuses on the principles underlying the teaching and learning of algebra. Sequence with EDST 572.

EDST572. Foundations of Geometry Learning. 4 Credits.
Focuses on the principles underlying the teaching and learning of geometry. Sequence with EDST 571.
Prereq: EDST 571.

EDST601. Research: [Topic]. 1-16 Credits.
Repeatable.

EDST602. Supervised College Teaching. 1-9 Credits.
Repeatable.

EDST603. Dissertation. 1-16 Credits.
Repeatable.

EDST605. Reading & Conference: [Topic]. 1-9 Credits.
Repeatable.

EDST606. Field Studies: [Topic]. 1-9 Credits.
Repeatable.

EDST607. Seminar: [Topic]. 1-5 Credits.
Repeatable.

EDST608. Workshop: [Topic]. 1-5 Credits.
Repeatable.

EDST609. Practicum: [Topic]. 1-16 Credits.
Repeatable.

EDST610. Experimental Course. 1-5 Credits.
Repeatable.

EDST611. The Scholarship of Teaching. 4 Credits.
Examines the recent emergence of a focus on teachers as reflective practitioners, inquirers, action researchers, and scholars of pedagogical understanding.

EDST612. Foundations of Teaching and Learning. 3 Credits.
Provides students with the psychological foundations of teaching and learning.

EDST614. Cultural Context of Education. 4 Credits.
Examines the cultural foundations of educational practice through a critical review of four decades of ethnographic research on school and student culture.

EDST615. Technology and Education. 4 Credits.
Introduction to major contemporary issues affecting education in the digital age.

EDST616. Language, Power, and Education. 4 Credits.
Examines the politics, policies, and practical realities associated with language and literacy in educational settings and how these issues affect all students to some degree.

EDST618. Teaching English Language Development, K–12. 3 Credits.
Examines best practices of delivering English-language development in light of federal and state standards, including teaching methods, technology, and parental involvement.

EDST619. Teaching for Literacy. 4 Credits.
Prepares middle and high school teachers who are expected to teach specific content areas and literacy strategies as part of a reading endorsement. Offered as needed.

EDST620. Evolution and the Math Wars. 4 Credits.
Focuses on the debates that influence, and in some cases overshadow, the teaching of mathematics and science from kindergarten to grade 12. Sequence with EDST 621, 622 (or 623, 624); 625, 626.

EDST621. Representing Mathematical Concepts. 4 Credits.
Students deepen their content knowledge, widen their understanding of student conceptualizations of mathematics, and reflect on their own mathematics instructional practices. Sequence with EDST 620, 622, 625, 626.

EDST622. Mathematical Problem-Solving Curriculum. 4 Credits.
Prepares students to view mathematics as a problem-solving field rather than a set of discrete skills and operational rules. Sequence with EDST 620, 621, 625, 626.
Prereq: EDST 621.

EDST623. Representing Science Concepts. 4 Credits.
Examines why science is taught, what science subjects need to be taught, and how science is learned. Sequence with EDST 620, 624, 625, 626.

EDST624. Scientific Problem-Solving Curriculum. 4 Credits.
Presents science as a problem-solving field rather than a set of discrete facts and concepts. Introduces scientific literacy as the aim of science teaching. Sequence with EDST 620, 623, 625, 626.
Prereq: EDST 623.

EDST627. Introduction to Supportive Learning Communities. 1 Credit.
Introduces the teacher candidate to the necessary components for creating supportive and successful classroom communities, including interaction between motivation, “classroom management,” and teacher-student relationships. Sequence with EDST 628.

EDST628. Creating Supportive Classroom Communities. 3 Credits.
Builds on EDST 627 by providing specific research, experience, and strategies for developing classroom environments where student behaviors are focused on learning. Sequence with EDST 627.
Prereq: EDST 627.

EDST630. Humanities Curriculum and Cultural Conflict. 4 Credits.
Examines the epistemology and conceptions of education that underlie the humanities curriculum at the secondary level. Sequence with EDST 631, 632 (or 633, 634 or 635, 636); 637; 638.

EDST631. Representing Literature to Young People. 4 Credits.
Examines why literature is taught and the way teachers represent literary works to students. Sequence with EDST 630, 632, 637, 638.

EDST632. Engaging Students in Writing. 4 Credits.
Overview of strategies and tools for engaging students in the writing process. Emphasis on genres of writing and use of technology to enhance student writing. Sequence with EDST 630, 631, 637, 638.
Prereq: EDST 631.

EDST633. Representing Second-Language Concepts. 4 Credits.
Provides a research-based foundation for planning, teaching, assessing, and managing second-language learning for the great diversity of students encountered in middle and high school. Sequence with EDST 630, 634, 637, 638.

EDST634. Second-Language Conversation and Composition. 4 Credits.
Advanced teaching methodologies, techniques, and skills to effectively promote proficiency and fluency in second languages. Sequence with EDST 630, 633, 637, 638.
Prereq: EDST 633.

EDST635. Representing Social Studies Concepts. 4 Credits.
Examines why social studies is taught and the way teachers represent social studies concepts to students. Sequence with EDST 630, 636, 637, 638.

EDST636. Social Studies Inquiry and Analysis. 4 Credits.
Explores the theory and practice of teaching social studies as a specialized form of inquiry. Sequence with EDST 630, 635, 637, 638.
Prereq: EDST 635.

EDST638. English Language Learners Pedagogy for Humanities. 4 Credits.
Examines a variety of research-based instructional and assessment strategies that support English language learners in meeting the curricular mandates of mainstream language arts and social studies courses. Sequence with EDST 630; 631, 632 (or 633, 634 or 635, 636); 637.

EDST640. Constructing Meaning through Literacy. 4 Credits.
Provides concepts and strategies used in teaching children to read. Focuses in particular on instruction for beginning and intermediate readers and writers. Sequence with EDST 641.

EDST641. Developing Thoughtful Literary Practices. 4 Credits.
Examines the teaching of reading as a practice filled with cultural meaning, placing reading education in its wider social and cultural context.

EDST642. Pedagogical Methods in the Humanities. 4 Credits.
Explores the application of language arts and social studies methods and strategies for future elementary school practitioners.

EDST643. Teaching Mathematics: Facts and Inquiry. 4 Credits.
Focuses on four areas of instruction crucial to becoming a skillful beginning teacher of mathematics. Sequence with EDST 644.

EDST644. Teaching Mathematics: Inquiry in Context. 4 Credits.
Investigates techniques and strategies used to effectively teach mathematics and assess students. Sequence with EDST 643.
Prereq: EDST 643.

EDST645. Teaching Science: Detail and Discovery. 4 Credits.
Emphasizes science as a process of contemplating, exploring, and raising questions about the world in elementary classrooms.

EDST646. English Language Learners Pedagogy for Elementary Classrooms. 4 Credits.
Examines a variety of research-based instructional and assessment strategies that support English language learners in meeting the mandates of elementary-level curriculum.

EDST650. Teacher Education: Policy and Practice. 4 Credits.
Explores the work of contemporary scholars who are attempting to bridge the division between policy and practice in teacher education. Offered alternate years.

EDST652. Teacher Education: Analyzing Foundational Concepts. 4 Credits.
Examines foundational concepts that shape research and practice in teacher education. Offered alternate years.

EDST654. Learning and Motivational Sciences. 4 Credits.
Survey of the learning and motivational sciences for advanced graduate students. Offered alternate years.

EDST655. Creativity and Conformity in Classrooms. 4 Credits.
Focuses on the role of creativity and imaginative play in teaching, learning, and charging academic subjects with meaning. Offered alternate years.

EDST660. Urban Schools: History and Politics. 4 Credits.
Examines the historical, economic, political, legal, and social context of contemporary urban schooling systems. Offered alternate years.

EDST661. Sociology: From Reproduction to Resistance. 4 Credits.
Focuses on the ways schools reproduce, reinforce, and challenge prevailing social, economic, and political relationships. Offered alternate years.

EDST662. Curriculum Theory: Contesting Educational Content. 4 Credits.
Survey of the history of curriculum theory, the subfield that asks the fundamental question, what is worth teaching? Offered alternate years.

EDST663. Fronteras Pedagógicas: Education and Immigration. 4 Credits.
Examines the way educational institutions have responded to human migration generally and to immigrant students, with an emphasis onbilingual education policy. Offered alternate years.

EDST666. Thesis Writing. 4 Credits.
Seminar for doctoral students who have advanced to candidacy. Emphasis is on support through the dissertation proposal writing process. Repeatable as needed.

EDST667. Grant Writing: Finding Funders. 4 Credits.
Provides graduate students with the knowledge and skills needed to write successful grant proposals for research, professional development, and curriculum development projects.

EDST670. Philosophy of Research. 4 Credits.
Examines the philosophical assumptions that underlie various research methodologies in the human and social sciences.

EDST673. Advanced Qualitative Methodology: Arts-Based Approaches. 4 Credits.
Examines contemporary reflexive social science research writing, focusing on experimentations with the form used by researchers to communicate insights about human affairs.
Pre- or coreq: EDUC 630, EDUC 632, EDUC 634.

Special Education and Clinical Sciences

Christopher J. Murray, Department Head
541-346-5521
541-346-0683 fax
340 HEDCO Education Building

Through teaching, research, and service, the Department of Special Education and Clinical Sciences seeks to improve the quality of education, employment, and community living for children and adults with special needs and their families. The department has three graduate majors: communication disorders and sciences, school psychology, and special education. The department also offers an undergraduate degree in communication disorders and sciences as well as a minor in special education.

Faculty

Linda Albi, senior research assistant (personnel preparation, supervision). BA, 1995, MS, 1997, Oregon. (1998)

Richard W. Albin, senior research associate with title of associate professor (research design, programming and instruction, instructional technology). BA, 1969, Rochester; MA, 1973, Illinois; PhD, 1986, Oregon. (1986)

Cynthia M. Anderson, professor (applied behavior analysis, functional behavior assessment systems, family-school connections). BA, 1990, MA, 1995, PhD, 1999, West Virginia. (2005)

Susan Boettcher, lecturer; clinical supervisor. BS, 1988, Montana State; MS, 1995, West Virginia. (1999)

Michael D. Bullis, Sommerville-Knight Professor (secondary special education, transition, adult services). See **Educational Methodology, Policy, and Leadership**.

Jantina Clifford, lecturer (developmental screening, instrumental development, personnel preparation). BA, 1985, MA, 1988, MS, 1999, PhD, 2006, Oregon. (2006)

Heidi Corce, adjunct instructor (American Sign Language). BA, 1996, Washington (Seattle); MEd, 1997, Lewis and Clark. (2007)

Debra C. Eisert, research associate with title of associate professor (pediatric psychology, applied developmental psychology). BA, 1975, Pacific Lutheran; PhD, 1978, Nebraska, Lincoln. (1984)

Jessica L. Fanning, clinical supervisor. BA, 1989, MA, 1996, Colorado, Boulder; PhD, 2007, Oregon. (2010)

K. Brigid Flannery, senior research associate with title of associate professor (teacher training, transition issues). BA, 1975, Marian; MEd, 1978, Illinois, Urbana-Champaign; PhD, 1992, Oregon. (1989)

S. Andrew Garbacz, assistant professor (consultation, school-based interventions, school-family partnerships). BA, 2002, MA, 2004, PhD, 2010, Nebraska, Lincoln. (2012)

Roland H. Good III, associate professor (psychoeducational assessment, multivariate statistics). BS, 1977, MS, 1981, PhD, 1985, Pennsylvania State. (1988)

Beth Harn, associate professor (learning disabilities, assessment, instructional design). BA, 1991, MS, 1994, California State, Fresno; PhD, 2000, Oregon. (2006)

Chad Harrison, lecturer (clinical supervision, assessment, behavior support); practicum coordinator. BA, 1998, Creighton; MS, 2008, PhD, 2013, Oregon. (2013)

Lisa Hellemn, research assistant (teacher training, supervision); practicum coordinator. BMusEd, 1986, Willamette; PhD, 1991, Oregon. (1993)

Cynthia M. Herr, lecturer (autism, learning disabled adults, secondary and postsecondary education). BA, 1972, Gettysburg; MA, 1973, PhD, 1979, Oregon. (1985)

Robert H. Horner, Alumni Knight Professor of Education (behavior management, research design, applied behavior analysis); director, Educational Community Supports. BA, 1971, Stanford; MS, 1975, Washington State; PhD, 1978, Oregon. (1976)

Kathleen Jungjohann, senior instructor (teacher training, supervision, instructional design). BA, 1972, California, Santa Barbara; MA, 1980, Oregon. (1988)

Edward J. Kame'enui, Philip H. Knight Professor of Education; Dean's Excellence Professor (learning disabilities, instructional design). BA, 1970, Pacific; MS, 1977, PhD, 1980, Oregon. (1988)

Cecilia J. Kirk, assistant professor. BA, 1982, Auckland; BA, 1995, Western Australia; PhD, 2001, Massachusetts, Amherst. (2009)

Tiffany Kodak, associate professor (early intervention, autism spectrum disorders, applied behavior analysis). BA, 1997, San Diego State; MS, 2001, North Dakota State; PhD, 2006, Louisiana State. (2011)

Johanna Larson, instructor;Mitchell Communication Disorders and Sciences Sign Language Professorship (American Sign Language). BA, 1984, California State, Northridge; MS 2004, Idaho State. (1999)

Wendy Machalicek, associate professor (low-incidence disabilities, autism, early intervention). BS, 2000, North Texas; MEd, 2004, PhD, 2008, Texas, Austin. (2011)

Emma Martin, senior lecturer (behavior disorders, effective school practices). BS, 1975, Eastern Montana; MS, 1980, PhD, 2001, Oregon. (2001)

Katie Mason, instructor (speech-language pathology). BA, 2003, MS, 2005, Oregon. (2012)

Margit Mayr-McGaughey, lecturer; director, clinic education. BA, 1976, Freiburg; MA, 1991, PhD, 1998, Oregon. (2007)

Kent McIntosh, associate professor (behavior management, research design, applied behavior analysis). BA, 1997, Duke; MS, 2003, PhD, 2005, Oregon. (2012)

Laura Lee McIntyre, professor (developmental disabilities, early intervention, home-school collaboration). BA, 1997, La Sierra; MA, 2000, PhD, 2003, California, Riverside. (2009)

Karen McLaughlin, lecturer (anatomy and physiology, aphasia, family advocacy). BA, 1991, Colorado, Boulder; MA, 1996, PhD, 2001, Oregon. (2000)

Jennifer Meyer, lecturer, clinical supervisor. BS, 2000, MS, 2002, Southern Illinois. (2010)

Heather Moore, lecturer; clinical supervisor. BS, 1992, James Madison; MA, 1997, Georgia; PhD, 2005, Arizona State. (2007)

Christopher J. Murray, professor (secondary special education and transition). BA, 1989, University of Maryland, College Park; MEd, 1992, Howard; PhD, 1998, Washington (Seattle). (2006)

Marilyn A. Nippold, professor (language development and disorders in school-age children and adolescents). BA, 1972, California, Los Angeles; MA, 1976, California State, Long Beach; PhD, 1982, Purdue. (1982)

Deborah Olson, instructor (violence, women with disabilities, disability studies). BA 1974, MSEd, 1975, Wisconsin, Superior; PhD, 1991, Syracuse. (1988)

Lezlie Pearce-Hopper, instructor; clinical supervisor. BS, 1976, MS, 1978, Portland State. (2009)

Elise Peltier, clinic supervisor. BA, 1998, Oregon; MS, 2008, Northern Arizona. (2012)

Samantha Shune, courtesy acting assistant professor. BA, 2005, Michigan, Ann Arbor; MA, 2007, Ohio State. (2014)

McKay Moore Sohlberg, HEDCO Professor in Communication Disorders and Sciences(cognitive rehabilitation, traumatic brain injury). BA, 1982, Stanford; MS, 1984, PhD, 1990, Washington (Seattle). (1995)

Jeffrey R. Sprague, senior research associate with title of professor (severe behavior disorders, personal development, social integration). BS, 1980, MS, 1981, PhD, 1990, Oregon. (1994)

Jane Squires, senior research associate with title of professor (infant development, program evaluation, assessment). BA, 1971, Stanford; MA, 1973, Saint Mary's; PhD, 1988, Oregon. (1988)

Katherine Swem, adjunct instructor; clinic supervisor. BSEd, 1993, Illinois State; MEd, 1998, Georgia; AuD, 2005, Arizona School of Health Sciences. (2012)

Tary Tobin, research associate (schoolwide discipline, behavior disorders, functional assessment). BS, 1970, MEd, 1990, PhD, 1996, Oregon. (1990)

Elizabeth Twombly, senior research assistant (screening, infant mental health). BA, 1983, Colorado; MS, 1991, Oregon. (1990)

Deanne Unruh, research associate (secondary special education and transition, high-risk adolescents, program evaluation). BS, 1985, MS, 1991, Kansas; PhD, 2001, Oregon. (2001)

Valentino Vasquez, instructor (American Sign Language). BA, 1997, MA, 1998, Northern Colorado. (2011)

Heidi von Ravensberg, research associate; community outreach liaison. MBA, 1995, JD, 1994, Oregon. (2000)

Mary Ann Winter-Messiers, research assistant (autism, teacher training). BA, 1980, Oregon; Maitrise, 1987, Sorbonne. (2003)

Courtesy

Kelli D. Cummings, courtesy research associate (school psychology, social-emotional assessment). BA, 1999, Oregon State; MS, 2003, PhD, 2004, Oregon. (2010)

Emeriti

Barbara D. Bateman, professor emerita. BS, 1954, Washington (Seattle); MA, 1958, San Francisco State; PhD, 1962, Illinois; JD, 1976, Oregon. (1966)

Diane D. Bricker, professor emerita. BA, 1959, Ohio State; MS, 1965, Oregon; PhD, 1970, George Peabody. (1978)

Ned J. Christensen, professor emeritus. BA, 1954, MA, 1955, Brigham Young; PhD, 1959, Pennsylvania State. (1962)

Russell M. Gersten, professor emeritus. BA, 1967, Brandeis; PhD, 1978, Oregon. (1977)

Elizabeth G. Glover, assistant professor emerita. BS, 1959, Tufts; MS, 1963, EdD, 1974, North Carolina, Greensboro. (1964)

Richard J. Rankin, professor emeritus. BA, 1953, MA, 1954, PhD, 1957, California, Berkeley. (1966)

Kenneth Viegas, associate professor emeritus. BS, 1956, Oregon; MSW, 1963, California, Berkeley. (1967)

Hill M. Walker, professor emeritus. BA, 1962, Eastern Oregon; MA, 1964, PhD, 1967, Oregon. (1966)

Ruth Waugh, professor emerita. BS, 1957, Southern Oregon State; MS, 1963, PhD, 1971, Oregon. (1963)

The date in parentheses at the end of each entry is the first year on the University of Oregon faculty.

Participating

Gerald Tindal, educational methodology, policy, and leadership

- **Bachelor of Arts** (p. 553)
- **Bachelor of Science** (p. 554)
- **Minor**

Undergraduate Studies

Communication Disorders and Sciences Major

Karen McLaughlin, Director, Undergraduate Studies
541-346-2480

The undergraduate program for communication disorders and sciences includes courses in basic processes of speech, language, and hearing as well as courses that survey speech, language, and hearing disorders that affect communication across the life span. The undergraduate program prepares students for graduate training in speech pathology or audiology. It also prepares students to work in other fields where knowledge of speech, language, and communication is important, such as early intervention and general and special education.

Students can earn a bachelor of science (BS) or bachelor of arts (BA) degree with a major in communication disorders and sciences. Both degrees require at least 80 credits: 60 in communication disorders and sciences and at least 20 credits in related course work. Students must maintain a minimum GPA of 2.70 in university course work and earn a mid-C or better in communication disorders and sciences courses.

The goals of the program are to provide students opportunities to learn about

- anatomical-physiological bases of speech, language, and hearing
- physical properties of speech (acoustics and phonetics)
- role of biology, cognition, environment, and culture in language acquisition
- development of speech and language
- speech, language, and hearing disorders across the life span
- assessment and treatment procedures for individuals with speech, language, and hearing disorders
- professional issues in speech-language-pathology and audiology

Bachelor of Art Requirements

CDS201	Communication Disorders in Society and Media	4
ASL311	American Sign Language for Educators I	3
CDS442	Anatomy and Physiology of Speech Mechanism	4
CDS443	Acoustics of Speech	4
CDS444	Clinical Phonetics and Phonology	4
CDS450	Introduction to Language Development	4
CDS451	Later Language Development	4
CDS455	Child and Adolescent Development	4
CDS457	Fundamentals of Audiology	4
CDS458	Audiological Assessment	4
CDS459	Audiological Rehabilitation	4
CDS460	Developmental Disorders in Communication	4
CDS462	Acquired Disorders of Communication	4
CDS470	Neuroscience of Speech and Language	4
Approved courses in anthropology, educational studies, international studies, linguistics, psychology, or special education [1]		26
Mathematics course		
Biological science course		
Physical science course		
Statistics course		
Total Credits		**81**

[1] A list of courses is available from the program secretary or undergraduate advisor.

Program Plan

First and Second Years

LING150	Structure of English Words [1]	4
CDS201	Communication Disorders in Society and Media [1]	4
EDLD450	Data and Information Retrieval [1]	1
Sciences courses		

Statistics courses		
Total Credits		**9**

Third Year		**Credits**
CDS442	Anatomy and Physiology of Speech Mechanism [1]	4
CDS443	Acoustics of Speech	4
CDS444	Clinical Phonetics and Phonology	4
CDS450	Introduction to Language Development [1]	4
CDS451	Later Language Development	4
CDS455	Child and Adolescent Development	4
CDS460	Developmental Disorders in Communication	4
Fourth Year		
ASL311	American Sign Language for Educators I	3
CDS457	Fundamentals of Audiology	4
CDS458	Audiological Assessment	4
CDS459	Audiological Rehabilitation	4
CDS462	Acquired Disorders of Communication	4
CDS470	Neuroscience of Speech and Language	4
	Total Credits:	**51**

1 Must be completed by middle of junior year with minimum grade of mid-C to continue in the major.

Bachelor of Science Requirements

CDS201	Communication Disorders in Society and Media	4
ASL311	American Sign Language for Educators I	3
CDS442	Anatomy and Physiology of Speech Mechanism	4
CDS443	Acoustics of Speech	4
CDS444	Clinical Phonetics and Phonology	4
CDS450	Introduction to Language Development	4
CDS451	Later Language Development	4
CDS455	Child and Adolescent Development	4
CDS457	Fundamentals of Audiology	4
CDS458	Audiological Assessment	4
CDS459	Audiological Rehabilitation	4
CDS460	Developmental Disorders in Communication	4
CDS462	Acquired Disorders of Communication	4
CDS470	Neuroscience of Speech and Language	4
Approved courses in anthropology, educational studies, international studies, linguistics, psychology, or special education [1]		26
Mathematics course		
Biological science course		
Physical science course		
Statistics course		
Total Credits		**81**

1 A list of courses is available from the program secretary or undergraduate advisor.

Program Plan

First and Second Years		
LING150	Structure of English Words [1]	4
CDS201	Communication Disorders in Society and Media [1]	4
EDLD450	Data and Information Retrieval [1]	1
Sciences courses		
Statistics courses		
Total Credits		**9**

Third Year		**Credits**
CDS442	Anatomy and Physiology of Speech Mechanism [1]	4
CDS443	Acoustics of Speech	4
CDS444	Clinical Phonetics and Phonology	4
CDS450	Introduction to Language Development [1]	4
CDS451	Later Language Development	4
CDS455	Child and Adolescent Development	4
CDS460	Developmental Disorders in Communication	4
Fourth Year		
ASL311	American Sign Language for Educators I	3
CDS457	Fundamentals of Audiology	4
CDS458	Audiological Assessment	4
CDS459	Audiological Rehabilitation	4
CDS462	Acquired Disorders of Communication	4
CDS470	Neuroscience of Speech and Language	4
	Total Credits:	**51**

1 Must be completed by middle of junior year with minimum grade of mid-C to continue in the major.

Students must meet with the department's undergraduate advisor to develop an academic program plan and ensure that general university requirements and communication disorders and sciences prerequisites are met. Beginning fall term of their junior year, students must follow the program plan of courses in their prescribed sequence. Students who fail to do so will likely delay their graduation date.

Special Education Minor

Deborah Olson, Coordinator
541-346-2483

The minor in special education is for students who plan to pursue a career teaching in general or special education, want to work in nonschool settings with individuals who have disabilities, or investigate issues concerning disability. The minor offers three options: educational services, disability studies, and prelicensure teaching. Electives to complete the minor will depend on the option chosen.

Students planning a career in teaching or in direct service or rehabilitation agencies should take the educational services option. The elective courses and field studies focus on classroom settings or agencies providing help for children or adults with disabilities. This option assists students interested in applying to a graduate program leading to a teaching license.

The disability studies option takes an interdisciplinary approach. Students from disciplines such as English, comparative literature, law, journalism, architecture, arts administration, business, or planning, public policy and administration can augment these studies with a focus on related issues concerning people with disabilities. This option provides an enhanced understanding of disability perspectives and issues in students' chosen professions.

The prelicensure teaching option is designed for students planning careers in special education teaching. This option gives students experience that may make them more competitive applicants for graduate programs at Oregon or elsewhere. It also may allow the students to complete a licensure program in five years.

Special Education Minor Requirements

Required credits	11-12
Electives [1]	14
Total Credits	**24-26**

1 Elective credits will depend on the option chosen.

Application and Admission

Before applying to the minor program, students must complete a special education (SPED) course in disability with a grade of mid-B or better. Students apply to the department and are assigned a minor advisor, who helps plan a course of study. Applications are available in the special education and clinical sciences office.

- **Master of Arts in Communication Disorders and Sciences** (p. 555)
- **Master of Arts in Special Education**
- **Master of Arts in School Psychology**
- **Master of Education in Special Education**
- **Master of Science in Communication Disorders and Sciences**
- **Master of Science in Special Education**
- **Doctor of Education in Special Education**
- **Doctor of Philosophy in Communication Disorders and Sciences**
- **Doctor of Philosophy in Special Education**
- **Doctor of Philosophy in School Psychology**

Graduate Studies

Communication Disorders and Sciences

McKay Moore Sohlberg, Major Director
541-346-2480
541-346-6778 fax
HEDCO Education Building, Second Floor
cds@uoregon.edu
education.uoregon.edu/CDS

The graduate program offers master's and doctoral degrees in communication disorders and sciences. The master's program offers all of the courses and clinical experiences required for the American Speech-Language-Hearing Association Certificate of Clinical Competence. The program also offers course work and clinical experiences required to obtain an Oregon teaching license to work in the public schools. The doctoral program emphasizes advanced scholarship in a specialized area of speech-language pathology.

Accreditation

The master's degree program in speech-language pathology is accredited by the Council on Academic Accreditation of the American Speech-Language-Hearing Association (ASHA).

Master's Degree

McKay Moore Sohlberg, Graduate Coordinator

The master's degree program provides students with the opportunity to acquire and apply knowledge, skills, and competencies necessary for work with individuals of all ages and of varying social, cultural, linguistic, and economic backgrounds who have cognitive communication or swallowing disorders.

The communication disorders and sciences major leads to a master of arts (MA) or master of science (MS) degree. A planned program for the master's degree must be filed with the department secretary.

Students who have fulfilled the undergraduate prerequisites typically spend two fall-through-spring academic years and one summer session completing the degree as a full-time student. Every student completes an evidence-based practice project, equivalent to a master's thesis, that integrates research and applied clinical experience. A minimum cumulative GPA of 3.00 is required for students to maintain good standing in the program and for graduation.

Application and Admission

On the average, the communication disorders and sciences program admits twenty-five master's degree applicants each year. Applicants should have a minimum overall GPA of 3.00 with a 3.50 GPA in their major. The Graduate Record Examination is required for admission.

Students for whom English is not a native language must pass the Test of English as a Foreign Language (TOEFL) with a score of 600 or above for the paper version or a score of 100 or above for the Internet-based version. International students who plan to participate in clinical practicums and work toward national certification by the American Speech-Language-Hearing Association must pass the Speaking Proficiency English Assessment Kit (SPEAK) test with a score of 50.

Applications for admission are available online at the communication disorders and sciences website. Application materials must be received by January 15 for entry the following September.

Master of Arts Degree Requirements

CDS606	Special Problems: [Topic]	1-3
CDS607	Seminar: [Topic]	1
CDS608	Workshop: [Topic] (Evidence-Based Project Research)	3
CDS609	Practicum: [Topic] (Externship)	1-15
CDS609	Practicum: [Topic] (September Experience)	3
CDS609	Practicum: [Topic] (Speech-Language-Hearing)	1-4
CDS625	Final Full-Time Practicum	1-15
CDS626	Professional Practices in the Schools	1
CDS649	Assessment and Treatment of Feeding and Swallowing Disorders	4
CDS651	School-Age Language Disorders	4
CDS652	Speech Sound Disorders	4
CDS654	Management of Adult Language Disorders	4

CDS655	Stuttering	3
CDS656	Voice Science and Disorders	3
CDS657	Augmentative Procedures for Communication Disorders	2
CDS660	Motor Speech Disorders	3
CDS663	Management of Acquired Cognitive Disorders	4
CDS665	Language Disorders in Children	4
CDS706	Special Problems: [Topic]	1-3
Total Credits		**48-83**

The MA requires the equivalent of two years of a second language.

Master of Science Degree Requirements

CDS606	Special Problems: [Topic]	1-3
CDS607	Seminar: [Topic]	1
CDS608	Workshop: [Topic] (Evidence-Based Project Research)	3
CDS609	Practicum: [Topic] (Externship)	1-15
CDS609	Practicum: [Topic] (September Experience)	3
CDS609	Practicum: [Topic] (Speech-Language-Hearing)	1-4
CDS625	Final Full-Time Practicum	1-15
CDS626	Professional Practices in the Schools	1
CDS649	Assessment and Treatment of Feeding and Swallowing Disorders	4
CDS651	School-Age Language Disorders	4
CDS652	Speech Sound Disorders	4
CDS654	Management of Adult Language Disorders	4
CDS655	Stuttering	3
CDS656	Voice Science and Disorders	3
CDS657	Augmentative Procedures for Communication Disorders	2
CDS660	Motor Speech Disorders	3
CDS663	Management of Acquired Cognitive Disorders	4
CDS665	Language Disorders in Children	4
CDS706	Special Problems: [Topic]	1-3
Total Credits		**48-83**

ASHA Requirements

In addition to the core master's degree requirements, additional course work may be needed to fulfill ASHA certification requirements. Of the 50 credits, 36 must be taken at the graduate level.

Doctoral Degree

McKay Moore Sohlberg, Graduate Coordinator

The doctoral degree (PhD) in communication disorders and sciences emphasizes advanced knowledge, scholarship, leadership, and clinical competence in the areas of speech-language acquisition, speech-language pathology, and assessment and intervention strategies. The doctoral degree program is designed to meet the needs of students from various backgrounds.

Doctoral Degree Requirements

Dissertation research	18
Courses in primary area of specialization	21
Courses in collateral or secondary area	9
Research methodology	24
Other required courses	6
Total Credits	**78**

Primary area of specialization options are child language or cognitive rehabilitation. The collateral or secondary area may involve courses in more than one academic department. Examples of collateral areas are neuropsychology, linguistics, or developmental psychology. Doctoral students must choose an area of emphasis (e.g., single-subject or quantitative). Other requirements are detailed in the *Doctoral Program Handbook*, available through the program office.

Application and Admission

Students should have a GPA of at least 3.50 and have taken the Graduate Record Examination.Most applicants have a master's degree and their certificate of clinical competence upon admission.

Applications for admission are available online at the Communication Disorders and Sciences website. Application materials must be received by January 15 for entry the following September.

Upon admission and in consultation with the student, an academic advisor is selected, taking into account the student's personal and professional goals. This advisor chairs the student's program committee.

Special Education

Beth Harn, Major Director

Master's and doctoral degrees are offered under the special education major. The master's specializations include early intervention–early childhood and kindergarten through twelfth grade, cross-categorical. The doctoral focus includes emphases in positive behavior support, low-incidence disabilities, early intervention, prevention and academic interventions, and secondary-transition services.

Graduates attain positions in the United States and abroad working in community- and family-based programs; teaching young children; conducting individual and group intervention programs; managing residential living centers; coordinating in-service training programs; consulting with teachers about educating children with disabilities in general-education classrooms and school settings; conducting research; serving in higher-education faculty positions; working in the administration of special-education programs; and delivering best practices in collaboration with a variety of professions in a range of settings.

Students earn initial teaching credentials in licensure and endorsement programs but can also pursue the master's degree to enhance their skills as early interventionists, special education teachers, or consultants; to work in adult service programs for people with disabilities; or to prepare for the doctoral program.

The doctoral program in special education prepares individuals for research and teaching positions in higher education, research positions with private foundations, administrative positions in school districts and other state educational agencies, and consultation positions in professional education.

Master's Degree

Students may work toward a master of arts (MA), master of science (MS), or master of education (MEd) degree in several areas of special education. For the MA degree the candidate must demonstrate proficiency in a second language. For the MEd degree the candidate must have a valid teaching license and have completed at least one year of successful classroom teaching in the United States.

The program of study leading to the master's degree requires a minimum of 45 credits of graduate work. The program of study includes required core courses, associated field studies, electives, and a terminal project.

Doctoral Degree

The department offers doctor of education (DEd) and doctor of philosophy (PhD) degrees with focus areas in positive behavior support, low-incidence disabilities, early intervention, prevention and academic interventions, and secondary and transition services. The doctoral degree program provides advanced training in preparation for leadership positions in special education. The program requires approximately 90 credits beyond the master's degree and is designed for full-time students. Typically, students complete the program in three or four years. Financial assistance is awarded based on the applicant's qualifications. The program uses a cohort model, which students begin fall term.

Applications for Admission

Admissions information and application materials are available on the department's website. Materials also may be requested by telephone, mail, e-mail, or in person from the department office. Students who are interested in more than one major offered by this department should indicate that on their admission applications, and their files will be reviewed by the relevant admission committees. Master's and doctoral students are admitted fall term. Applications must be received by early January for doctoral applicants and by mid-February for master's applicants. See the website for specific program deadlines.

School Psychology

Tiffany Kodak, Director
HEDCO Education Building
541-346-4344
https://education.uoregon.edu/spsy/school-psychology

The nationally recognized school psychology program offers master's and doctoral degrees and provides service courses to other College of Education and university programs. The doctoral program is accredited by the American Psychological Association Commission on Accreditation (750 First Street NE, Washington, D.C. 20002-4242, 202-336-5979) and has program approval from the National Association of School Psychologists. Both the master's and doctoral programs are approved by the Oregon Teacher Standards and Practices Commission for the education and licensure of school psychologists in the state.

The program's focus is prevention and early intervention. It prepares psychologists as leaders and innovators who can identify, assess, and remedy the social and educational problems of children and adults. Students are trained to be scientists and practitioners from an ecological, data-oriented perspective.

Each student's program of study is tailored to allow development of individual strengths and interests. Master's and doctoral students take course work in the following general areas: psychological and educational foundations of school psychology: psychometrics, assessment, and research; methods of school-based intervention; professional school psychology; application of research skills; and practicum experiences. Every student must complete a one-year, full-time internship. Doctoral students also complete a supervised college teaching experience.

Graduates of the school psychology program find positions in the United States and abroad, in schools and in other settings. These positions include teaching and providing services at infant, preschool, school-age, and adult levels; conducting individual and group intervention programs; coordinating in-service training programs; consulting with teachers about educating children with disabilities and other at-risk students; conducting research, teaching, and coordinating school psychology training programs in colleges and universities; working in the administration of special education programs; and delivering a range of psychological and educational services in collaboration with a variety of professionals.

Master's Degree

The master's degree program in school psychology requires a minimum of 93 credits, and typically takes three years to complete, including a full-time internship for one academic year in a public school setting. The master's program is approved by the Oregon Teacher Standards and Practices Commission, and graduates of this program meet State of Oregon licensure requirements. The program is designed to achieve the competencies established by the National Association of School Psychologists, and graduates of the program have been successful in receiving the Nationally Accredited School Psychologist certificate.

Doctoral Degree

The doctoral program typically requires six years of study beyond the bachelor's degree, including a one-year supervised internship during the last year. Students may enter the doctoral program with or without a master's degree. Prior graduate course work may reduce the amount of time needed to finish the doctoral program. In addition to course requirements, doctoral students must pass comprehensive exams, advance to candidacy, and complete a dissertation.

Psychological and educational foundations	33
Measurement and assessment	16
Statistics and research (course work, participation in a research team, and dissertation research)	49
Practice of school psychology (teaching, supervision, and practicum experience)	40
Applied field study and practicum experiences	11
Internship experience	9
Total Credits	**158**

Application and Admission

Prospective applicants may request detailed admission policies and procedures and applications for admission from the department's academic secretary, or find them on the program's website. Students are admitted for fall term only.

Applicants are evaluated on

- academic record
- letters of recommendation
- previous related work or experiences
- a statement of purpose in seeking admission

- an interview
- Graduate Record Examinations (GRE) general test scores
- passing scores on the National Evaluation Series (NES), Essential Academic Skills Test: reading, writing, and mathematics subtests

Applications and supplemental materials—résumé, letters of recommendation, personal statement, copies of transcripts—are submitted online. Completed applications must be received by January 5.

Licensure Programs

The Department of Special Education and Clinical Sciences's licensure programs in communication disorders, early intervention, school psychology, and special education meet requirements of the Oregon Teacher Standards and Practices Commission. These licenses prepare individuals to work with the full range of students with disabilities from birth through high school. The program prepares graduates to work in direct and indirect roles with students with disabilities in homes, schools, and community-based programs.

Communication Disorders

McKay Moore Sohlberg, Major Director
541-346-2480

Students seeking an Oregon teaching license in communication disorders must have the following:

1. An undergraduate degree or equivalent in communication disorders and sciences
2. Formal admission to the master's degree program in communication disorders and sciences
3. Passing scores on
   - Preprofessional Skills Test (PPST) or California Basic Educational Skills Test (CBEST)
   - Oregon Educator Licensure Assessments (ORELA) Protecting Student and Civil Rights in the Educational Environment test
   - Educational Testing Service (ETS) Praxis Examination in Speech-Language Pathology
4. An approved program leading to Teacher Standards and Practices Commission licensure. The approved program at the UO consists of a minimum of 63 credits in communication disorders and sciences course work, culminating in licensure and a master's degree in communication disorders and sciences

The commission may have additional requirements that must be completed before a teaching license is issued. Direct questions about the licensure process to the student academic services office.

The Department of Special Education and Clinical Sciences offers initial and continuing endorsements with options for an add-on (level I) endorsement or a stand-alone (level II) endorsement.

Early Intervention–Early Childhood Special Education Licensure andEndorsement

Jane Squires, Program Director
541-346-2634

The early intervention special education (EI) endorsement program prepares professionals to work with children who have mild to severe disabilities ranging from birth through age eight. The program integrates didactic course work with practical experience. Full-time students can complete the program in four to six terms. The program can be completed as a 26-credit add-on endorsement (EI I) to an elementary or special education license or as a stand-alone endorsement (EI II).

Early Childhood–Elementary Special EducationLicensure or Endorsement

The endorsement and licensure program prepares special educators to work with students who have a variety of diagnostic labels (e.g., learning disabilities, at risk, behavior disorders, developmental disabilities, autism) in elementary schools. The program integrates theory and practice by synthesizing educational models from the research literature with empirically proven procedures.

Program goals are met through course work and field experiences organized around a set of roles and tasks that reflect the range and variety of disabilities and provide a framework for students to link university-based work to school-based work. The immediate application of learning in an applied setting allows students to refine and improve their skills in real contexts. Many of the classrooms used for practicum assignments participate in a variety of departmental research, innovation, and continuing professional development activities.

Students complete the program as an add-on endorsement to an existing license or as a stand-alone program that leads to an initial teaching license. Students can combine licensure studies with a master's degree program.

Effective fall 2012, students will no longer be admitted to this certificate program.

Middle-Secondary Special EducationLicensure or Endorsement

This licensure-endorsement program prepares teachers to work with students with disabilities in middle and high school settings. The program provides students with the knowledge, values, and skills they need to implement a broad-based approach to helping youth with disabilities succeed in middle and high school settings and to be better prepared for the transition from school to work opportunities and postsecondary education. The program emphasizes self-determination, skilled teaching, technology, and contextual learning as keys for helping youth achieve high levels of academic and occupational excellence.

Practicum experiences take place in middle and high schools that have diverse student populations, teaching styles, and organizational formats.

Students complete the program as an add-on endorsement to an existing license or as a stand-alone program that leads to an initial teaching license. Students can combine licensure studies with a master's degree program.

Effective fall 2012, students will no longer be admitted to this certificate program.

Admissions and Application

Applicants must meet general university requirements for graduate admission including a bachelor's degree from an accredited college or university and 3.00 grade point average (GPA). In addition, applicants must submit a formal department application including a statement of professional goals and experience, résumé, letters of recommendation, transcripts, and required test scores. Admissions requirements, application materials, and submission deadlines vary across programs.

Specific information is available on the department website or through the department office.

Applications must be received by early January for doctoral degree applicants and by mid-February for master's degree applicants. See the website for specific program deadlines.

Courses

ASL101. First-Year American Sign Language. 5 Credits.
Study of basic grammatical structure and vocabulary of American Sign Language, expressive and receptive finger-spelling, and introduction to American deaf culture.
Prereq: WR 122 or WR 123 or HC 221H or HC 231H.

ASL102. First-Year American Sign Language. 5 Credits.
Increased receptive and expressive communication skills in ASL, and study of cultural values and behavioral rules of the deaf community.
Prereq: C- or better or P in ASL 101 or equivalent.

ASL103. First-Year American Sign Language. 5 Credits.
Concentration on understanding and acquiring advanced conversational proficiency. Emphasis on ASL classifiers. Continued study of deaf culture as a linguistic minority.
Prereq: C- or better or P in ASL 102 or equivalent.

ASL201. Second-Year American Sign Language. 4 Credits.
Applied conversational use of ASL through literature, narratives, poetry, and plays. Explores various underlying metaphors found in ASL literature.
Prereq: C- or better or P in ASL 103 or equivalent.

ASL202. Second-Year American Sign Language. 4 Credits.
Emphasis on more abstract and challenging conversational and narrative ranges. Lab and readings cover historical aspects of deaf community and culture.
Prereq: C- or better or P in ASL 201 or equivalent.

ASL203. Second-Year American Sign Language. 4 Credits.
Further emphasis on more abstract and challenging conversational and narrative ranges. Explores broader political and social activities of international deaf community.
Prereq: C- or better or P in ASL 202 or equivalent.

ASL301. American Deaf Culture. 4 Credits.
Study of the relationship between small groups and dominant culture in the United States. Explore issues of language, culture, self-representation, identity, and social structure.

ASL311. American Sign Language for Educators I. 3 Credits.
Designed for students with no knowledge of ASL and who want to pursue professional working with clients who have some degree of hearing loss.

ASL399. Special Studies: [Topic]. 1-5 Credits.
Repeatable.

Courses

CDS201. Communication Disorders in Society and Media. 4 Credits.
Survey of communication disorders and differences, comparing individual and social-cultural perspectives through popular media and real case examples.
Prereq: WR 121.

CDS405. Reading and Conference: [Topic]. 1-3 Credits.
Repeatable.

CDS407. Seminar: [Topic]. 1-3 Credits.
Repeatable.

CDS409. Practicum: [Topic]. 1-7 Credits.
Repeatable.

CDS410. Experimental Course: [Topic]. 1-6 Credits.
Repeatable.

CDS430. Speech Pathology-Audiology as Professions. 2 Credits.
Introduces the broad dimensions of the speech-language pathology and audiology professions. Begins undergraduate process of acquiring observation hours required for graduate school. Sequence with CDS 431.

CDS431. Beginning Clinical Methods. 3 Credits.
Focuses on basic methods for assessment and intervention within an evidence-based framework. Includes fifteen hours of guided observation. Sequence with CDS 430.
Prereq: CDS 430.

CDS442. Anatomy and Physiology of Speech Mechanism. 4 Credits.
Study of anatomy, physiology, and neurology of speech and language processes.

CDS443. Acoustics of Speech. 4 Credits.
Acoustic measurement and analysis of sound production and reception in human communication.
Prereq: CDS 444.

CDS444. Clinical Phonetics and Phonology. 4 Credits.
Focuses on sounds and symbols of American English, foreign accents, and dialects using broad and narrow transcription methods. Presents speech production, distinctive features, and basics of phonology.
Prereq: CDS 442, 450.

CDS450. Introduction to Language Development. 4 Credits.
Primary focus on the development of phonology, morphology, syntax, semantics, pragmatics, and literacy.
Prereq: LING 150 and WR 122 or 123.

CDS451. Later Language Development. 4 Credits.
Designed to promote an in-depth study of language development in school-age children, adolescents, and young adults (ages 6–20 years).
Prereq: CDS 450.

CDS455. Child and Adolescent Development. 4 Credits.
Covers theories, norms, and concepts related to child and adolescent development. Geared toward allied health professionals and educators working in a variety of settings.

CDS457. Fundamentals of Audiology. 4 Credits.
Anatomy and physiology of hearing and vestibular systems; causes, types, and symptomatologies of hearing impairment.

CDS458. Audiological Assessment. 4 Credits.
Pure tone, speech and impedance audiometry. Special tests, difficult-to-test populations, and central auditory processing. Audiogram interpretation and report writing.
Prereq: CDS 457/557.

CDS459. Audiological Rehabilitation. 4 Credits.
Rehabilitation of hearing impairments; use of amplification, auditory training, and assisted listening devices; psychosocial aspects of hearing impairments.
Prereq: CDS 458.

CDS460. Developmental Disorders in Communication. 4 Credits.
Explores growth and developmental disorders that cause or contribute to child and adult speech, language, and fluency impairments.
Prereq: CDS 450.

CDS462. Acquired Disorders of Communication. 4 Credits.
Explores neurologic disorders that cause or contribute to child and adult speech, language, and voice impairments.
Prereq: CDS 470, EDLD 450.

CDS470. Neuroscience of Speech and Language. 4 Credits.
Foundation in normal neuroanatomy and neurophysiology and the clinical signs observed with nervous-system damage.
Prereq: CDS 442.

CDS503. Thesis. 1-15 Credits.
Repeatable.

CDS507. Seminar: [Topic]. 1-3 Credits.
Repeatable.

CDS510. Experimental Course: [Topic]. 1-6 Credits.
Repeatable.

CDS542. Anatomy and Physiology of Speech Mechanism. 4 Credits.
Study of anatomy, physiology, and neurology of speech and language processes.

CDS543. Acoustics of Speech. 4 Credits.
Acoustic measurement and analysis of sound production and reception in human communication.

CDS544. Clinical Phonetics and Phonology. 4 Credits.
Focuses on sounds and symbols of American English, foreign accents, and dialects using broad and narrow transcription methods. Presents speech production, distinctive features, and basics of phonology.

CDS550. Introduction to Language Development. 4 Credits.
Primary focus on the development of phonology, morphology, syntax, semantics, pragmatics, and literacy.

CDS551. Later Language Development. 4 Credits.
Designed to promote an in-depth study of language development in school-age children, adolescents, and young adults (ages 6–20 years).

CDS557. Fundamentals of Audiology. 4 Credits.
Anatomy and physiology of hearing and vestibular systems; causes, types, and symptomatologies of hearing impairment.

CDS558. Audiological Assessment. 4 Credits.
Pure tone, speech and impedance audiometry. Special tests, difficult-to-test populations, and central auditory processing. Audiogram interpretation and report writing.

CDS559. Audiological Rehabilitation. 4 Credits.
Rehabilitation of hearing impairments; use of amplification, auditory training, and assisted listening devices; psychosocial aspects of hearing impairments.
Prereq: CDS 458/558.

CDS560. Developmental Disorders in Communication. 4 Credits.
Explores growth and developmental disorders that cause or contribute to child and adult speech, language, and fluency impairments.

CDS562. Acquired Disorders of Communication. 4 Credits.
Explores neurologic disorders that cause or contribute to child and adult speech, language, and voice impairments.

CDS570. Neuroscience of Speech and Language. 4 Credits.
Foundation in normal neuroanatomy and neurophysiology and the clinical signs observed with nervous-system damage.
Prereq: CDS 542.

CDS601. Research: [Topic]. 1-9 Credits.
Repeatable.

CDS602. Supervised College Teaching. 1-9 Credits.
Repeatable.

CDS603. Dissertation. 1-16 Credits.
Repeatable.

CDS605. Reading and Conference: [Topic]. 1-3 Credits.
Repeatable.

CDS606. Special Problems: [Topic]. 1-16 Credits.
Repeatable.

CDS607. Seminar: [Topic]. 1-3 Credits.
Repeatable. Topics include Multicultural Issues in Communication Disorders and Sciences, Dysphagia, Professional Ethics.

CDS608. Workshop: [Topic]. 1-16 Credits.
Repeatable.

CDS609. Practicum: [Topic]. 1-16 Credits.
Repeatable.

CDS610. Experimental Course: [Topic]. 1-5 Credits.
Repeatable.

CDS611. Clinical Methods. 1 Credit.
Provides methodology behind the sound clinical practices and fundamentals of the UO Speech-Language-Hearing Center operations. Prepares students to begin working with clients.

CDS625. Final Full-Time Practicum. 1-15 Credits.
Diagnostic and treatment experience in the public school setting. Repeatable once for maximum of 30 credits.

CDS626. Professional Practices in the Schools. 1 Credit.
Helps students critically assess and integrate their fieldwork and course work in the broader context of the school experience.
Coreq: CDS 625.

CDS630. Scientific Clinical Decision Making. 3 Credits.
Critically analyzes research in communication disorders through evaluation of research articles and standardized tests enabling clinicians to make decisions based on scientific evidence.

CDS649. Assessment and Treatment of Feeding and Swallowing Disorders. 4 Credits.
Nature and characteristics of feeding and swallowing; methods of evaluation and management of feeding and swallowing in adults and children.

CDS651. School-Age Language Disorders. 4 Credits.
Presents normal language development and language disorders in school-age children and adolescents. Emphasizes contributions from linguistics, psychology, education, and learning theory.

CDS652. Speech Sound Disorders. 4 Credits.
Causes and consequences of phonological disorders; principles and procedures for assessment and intervention.

CDS654. Management of Adult Language Disorders. 4 Credits.
Provides a foundation in diagnosis and treatment of adult neurogenic language disorders, concentrating on aphasia and the cognitive-linguistic changes associated with dementia.

CDS655. Stuttering. 3 Credits.
Focuses on contemporary issues in stuttering. Discusses and critically evaluates current theories and research findings.

CDS656. Voice Science and Disorders. 3 Credits.
Anatomy and physiology of vocal mechanism; diagnostic and therapeutic approaches for various voice disorders.

CDS657. Augmentative Procedures for Communication Disorders. 2 Credits.
Recent advancements in design, development, and use of systems supplemental to vocal speech and language.

CDS660. Motor Speech Disorders. 3 Credits.
Advanced study of speech disorders associated with lesions of central and peripheral nervous systems.

CDS663. Management of Acquired Cognitive Disorders. 4 Credits.
Examines current theory and practice in cognitive rehabilitation. Reviews models and tools for treating attention, memory, and dysexecutive syndromes.
Prereq: CDS 662.

CDS665. Language Disorders in Children. 4 Credits.
Child language disorders and related topics, including principles of assessment and intervention, cultural awareness and sensitivity, clinical application, and working with families.

CDS706. Special Problems: [Topic]. 1-16 Credits.
Repeatable.

CDS707. Seminar: [Topic]. 1-5 Credits.
Repeatable.

CDS708. Workshop: [Topic]. 1-16 Credits.
Repeatable.

CDS709. Practicum: [Topic]. 1-16 Credits.
Repeatable.

CDS710. Experimental Course [Topic]. 1-5 Credits.
Repeatable.

Courses

SPSY401. Research: [Topic]. 1-12 Credits.
Repeatable.

SPSY405. Reading and Conference: [Topic]. 1-21 Credits.
Repeatable.

SPSY406. Special Problems: [Topic]. 1-21 Credits.
Repeatable.

SPSY407. Seminar: [Topic]. 1-5 Credits.
Repeatable.

SPSY408. Workshop: [Topic]. 1-21 Credits.
Repeatable.

SPSY409. Practicum: [Topic]. 1-21 Credits.
Repeatable.

SPSY410. Experimental Course: [Topic]. 1-5 Credits.
Repeatable.

SPSY503. Thesis. 1-16 Credits.
Repeatable.

SPSY507. Seminar: [Topic]. 1-5 Credits.
Repeatable.

SPSY508. Workshop: [Topic]. 1-21 Credits.
Repeatable.

SPSY510. Experimental Course: [Topic]. 1-5 Credits.
Repeatable.

SPSY601. Research: [Topic]. 1-16 Credits.
Repeatable.

SPSY602. Supervised College Teaching. 1-5 Credits.
Repeatable.

SPSY603. Dissertation. 1-16 Credits.
Repeatable.

SPSY605. Reading and Conference: [Topic]. 1-16 Credits.
Repeatable.

SPSY606. Field Studies: [Topic]. 1-9 Credits.
Repeatable.

SPSY607. Seminar: [Topic]. 1-5 Credits.
Repeatable.

SPSY608. Workshop: [Topic]. 1-16 Credits.
Repeatable.

SPSY609. Practicum: [Topic]. 1-16 Credits.
Repeatable.

SPSY610. Experimental Course: [Topic]. 1-5 Credits.
Repeatable.

SPSY617. Tests and Measurements in Education. 4 Credits.
Introduction to measurement. Provides a theoretical and practical basis for evaluating and using the wide range of test and measurement data in educational research.
Prereq: undergraduate statistics or educational psychology course or equivalent.

SPSY626. Final Supervised Field Experience. 1-15 Credits.
Repeatable. Limited to students in school psychology program for basic endorsement for an Oregon license.

SPSY630. Introduction to Consultation. 4 Credits.
Provides students with basic knowledge and skills in the area of school-based consultation.

SPSY631. Academic and Behavioral Interventions. 4 Credits.
Focuses on the application of behavior analytic interventions in applied settings.

SPSY632. Advanced Consultation. 4 Credits.
Develops and refines competencies in school-based consultation, and provides opportunities for students to practice consultation skills.

SPSY650. Developmental Psychopathology. 4 Credits.
Overview of developmental psychopathology, with emphasis on childhood, adolescence, and early adulthood. Covers phenomenology, etiology, development, classification systems, and prognosis of major psychological disorders.

SPSY651. Cognitive-Affective Aspects of Behavior. 4-5 Credits.
Examination of cognitive and affective foundations of human behavior. Emphasis on reciprocal influences of cognition and emotion. Selected topics in attention,language, memory, thinking, reasoning. Offered alternate years.

SPSY652. Biological Aspects of Behavior. 4-5 Credits.
Provides the appropriate background for students to meet biological psychology course work requirement for board licensure as a psychologist.

SPSY661. Principles and Practices in School Psychology. 4 Credits.
Theory, role, and function of school psychology in its relation to learning and the school setting.

SPSY662. Foundations of Clinical Supervision. 3 Credits.
Introduction to theory and practice of clinical supervision. Overview of supervision models, factors affecting the supervision relationship, supervision and evaluation techniques, legal and ethical considerations.

SPSY663. Professional Ethics. 3 Credits.
Focuses on the study of current ethical standards of professional practice for school psychologists and behavior analysts.

SPSY671. Behavioral Assessment. 4 Credits.
Principles, techniques, and conceptual and practical issues in behavioral assessment; applied aspects include data gathering and interpretation as well as report writing.

SPSY672. Intellectual Assessment. 4 Credits.
Covers individual assessment of learning aptitude. Includes administering, scoring, and interpreting intelligence tests as well as report writing. Reviews theories of intelligence.

SPSY674. Educational Assessment. 4 Credits.
Methods of educational assessment designed to develop and evaluate instructional interventions; topics include systematic observations, curriculum-based assessment, and teacher interviews.

SPSY704. Internship: [Topic]. 1-15 Credits.
Repeatable.

SPSY706. Special Problems: [Topic]. 1-16 Credits.
Repeatable.

SPSY709. Practicum: [Topic]. 1-16 Credits.
Repeatable.

Courses

SPED198. Workshop: [Topic]. 1-2 Credits.
Repeatable.

SPED401. Research: [Topic]. 1-12 Credits.
Repeatable.

SPED405. Reading and Conference: [Topic]. 1-21 Credits.
Repeatable.

SPED406. Field Studies: [Topic]. 1-16 Credits.
Repeatable.

SPED407. Seminar: [Topic]. 1-5 Credits.
Repeatable. Topics include Collaborative Team, Introduction to Talented and Gifted, Introduction to Developmental Disabilities.

SPED408. Workshop: [Topic]. 1-21 Credits.
Repeatable.

SPED409. Practicum: [Topic]. 1-21 Credits.
Repeatable. Recent topics include Special Education, Talented and Gifted.

SPED410. Experimental Course: [Topic]. 1-5 Credits.
Repeatable.

SPED411. Foundations of Disability I. 3 Credits.
Categorical and cross-categorical survey of information about exceptional children and youths. Topics include history, etiology, identification, classification, legislation, alternate program delivery systems.

SPED412. Foundations of Disability II. 3 Credits.
Overview of special education and disability studies; social construction of disability; personal perspectives; societal imagery concerning disability.

SPED422. Special Education Mathematics Instruction. 4 Credits.
Systematic instruction of mathematics skills for students with disabilities: assessment, planning, curriculum modification, diagnosis and remediation of persistent error patterns, evaluation.

SPED426. Behavior and Classroom Management. 4 Credits.
Provides behavior management procedures for a variety of educational environments. Emphasizes functional assessment-based behavior support planning, classroom management, and principles of applied behavior analysis.

SPED431. Introduction to Learning Disabilities. 3 Credits.
Introduces major topics, issues, and trends in learning disabilities. Addresses the history, definitions, etiologies, theories, characteristics, instructional interventions, and service-delivery models.

SPED432. Introduction to Behavioral Disorders. 3 Credits.
Introduces the characteristics and education of children and youth who have emotional and behavioral disorders.
Prereq: SPED 411.

SPED436. Advanced Behavior and Classroom Management. 3 Credits.
Emphasizes functional assessment-based behavior support planning, individual education plans (IEPs), and effective behavior support systems for a variety of educational environments.
Prereq: SPED 426.

SPED440. Early Literacy for Diverse Learners. 4 Credits.
Focuses on designing and evaluating instruction in the areas of reading and writing for preschool- to early elementary-aged students with disabilities. Sequence with SPED 441, 442, 443.

SPED441. Intermediate Literacy for Diverse Learners. 4 Credits.
Focuses on designing and evaluating instruction in the areas of reading and writing for late elementary- to middle school-aged students with disabilities. Sequence with SPED 440, 442, 443.
Prereq: SPED 440.

SPED442. Adolescent Literacy for Diverse Learners. 4 Credits.
Focuses on designing and evaluating instruction in the areas of reading and writing for middle school- and high school-aged students with disabilities. Sequence with SPED 440, 441, 443.
Prereq: SPED 441.

SPED443. Supporting Students with Low-Incidence Disability. 4 Credits.
Provides skills on how to plan, coordinate, deliver, and evaluate evidence-based instruction for students with low-incidence disabilities. Sequence with SPED 440, 441, 442.
Prereq: SPED 442.

SPED488. Professional Practices: [Topic]. 1-3 Credits.
Helps students critically assess their fieldwork and integrate fieldwork and course work in the wider context of the school experience. Repeatable twice.
Coreq: SPED 406 or 409.

SPED503. Thesis. 1-9 Credits.
Repeatable.

SPED507. Seminar: [Topic]. 1-5 Credits.
Repeatable. Topics include Collaborative Team, Introduction to Talented and Gifted, Introduction to Developmental Disabilities.

SPED508. Workshop: [Topic]. 1-21 Credits.
Repeatable.

SPED510. Experimental Course: [Topic]. 1-5 Credits.
Repeatable.

SPED511. Foundations of Disability I. 3 Credits.
Categorical and cross-categorical survey of information about exceptional children and youths. Topics include history, etiology, identification, classification, legislation, alternate program delivery systems.

SPED512. Foundations of Disability II. 3 Credits.
Overview of special education and disability studies; social construction of disability; personal perspectives; societal imagery concerning disability.

SPED522. Special Education Mathematics Instruction. 4 Credits.
Systematic instruction of mathematics skills for students with disabilities: assessment, planning, curriculum modification, diagnosis and remediation of persistent error patterns, evaluation.

SPED526. Behavior and Classroom Management. 4 Credits.
Provides behavior management procedures for a variety of educational environments. Emphasizes functional assessment-based behavior support planning, classroom management, and principles of applied behavior analysis.

SPED531. Introduction to Learning Disabilities. 3 Credits.
Introduces major topics, issues, and trends in learning disabilities. Addresses the history, definitions, etiologies, theories, characteristics, instructional interventions, and service-delivery models.

SPED532. Introduction to Behavioral Disorders. 3 Credits.
Introduces the characteristics and education of children and youth who have emotional and behavioral disorders.
Prereq: SPED 411/511.

SPED536. Advanced Behavior and Classroom Management. 3 Credits.
Emphasizes functional assessment-based behavior support planning, individual education plans (IEPs), and effective behavior support systems for a variety of educational environments.
Prereq: SPED 426/526.

SPED540. Early Literacy for Diverse Learners. 4 Credits.
Focuses on designing and evaluating instruction in the areas of reading and writing for preschool- to early elementary-aged students with disabilities. Sequence with SPED 541, 542, 543.

SPED541. Intermediate Literacy for Diverse Learners. 4 Credits.
Focuses on designing and evaluating instruction in the areas of reading and writing for late elementary- to middle school-aged students with disabilities. Sequence with SPED 540, 542, 543.
Prereq: SPED 540.

SPED542. Adolescent Literacy for Diverse Learners. 4 Credits.
Focuses on designing and evaluating instruction in the areas of reading and writing for middle school- and high school-aged students with disabilities. Sequence with SPED 540, 541, 543.
Prereq: SPED 541.

SPED543. Supporting Students with Low-Incidence Disability. 4 Credits.
Provides skills on how to plan, coordinate, deliver, and evaluate evidence-based instruction for students with low-incidence disabilities. Sequence with SPED 540, 541, 542.
Prereq: SPED 542.

SPED588. Professional Practices: [Topic]. 1-3 Credits.
Helps students critically assess their fieldwork and integrate fieldwork and course work in the wider context of the school experience. Repeatable.
Coreq: SPED 606 or 609.

SPED601. Research: [Topic]. 1-6 Credits.
Repeatable.

SPED602. Supervised College Teaching. 1-9 Credits.
Repeatable.

SPED603. Dissertation. 1-16 Credits.
Repeatable.

SPED605. Reading and Conference: [Topic]. 1-16 Credits.
Repeatable.

SPED606. Field Studies: [Topic]. 1-6 Credits.
Repeatable.

SPED607. Seminar: [Topic]. 1-5 Credits.
Repeatable. Recent topics include Advanced Applied Behavioral Analysis, Doctoral Orientation, Program Evaluation, Project Aim.

SPED608. Workshop: [Topic]. 1-10 Credits.
Repeatable.

SPED609. Practicum: [Topic]. 1-16 Credits.
Repeatable. Topics include Classroom Consultation; College Teaching; Elementary I,II; Program Evaluation; Research.

SPED610. Experimental Course: [Topic]. 1-5 Credits.
Repeatable.

SPED622. History of Special Education and Disability. 3 Credits.
Historical context for contemporary issues in understanding and supporting the lives of people with disabilities and their families.

SPED625. Final Supervised Field Experience. 1-15 Credits.

SPED626. Grant Writing. 1-3 Credits.
Provides structure and guidance in developing a grant proposal.

SPED628. Law and Special Education. 3 Credits.
Knowledge of current case law and legislation, sensitivity to legal issues, application to legal principles related to special education services in school settings.

SPED632. Collaborative Educational Planning. 3 Credits.
Collaborating to identify unique needs of individuals with disabilities and establish legally correct, educationally useful IEPs, and to use knowledge of effective interventions to meet needs.
Prereq: SPED 628 or equivalent.

SPED655. Supervised Field Experience. 5-12 Credits.
Repeatable. Provides practical experience in teaching students with disabilities in a public-school setting under the direction of cooperating teachers and university supervisors.

SPED660. Design of Instruction. 4 Credits.
Design, development, and evaluation of instructional materials for children with disabilities. Emphasis on analysis and construction of instructional sequences for various learning tasks.

SPED680. Foundations in Early Childhood and Early Intervention. 3 Credits.
Conceptual underpinnings and practical application of an approach to early intervention that links assessment, intervention, and evaluation.

SPED681. Family-Guided Early Intervention. 3 Credits.
Covers procedures for family assessment, intervention, and evaluation. Addresses adult communication and management strategies.

SPED682. Assessment and Evaluation. 3 Credits.
Presents assessment and evaluation materials used in early intervention programs and provides methods for using these materials.

SPED683. Curriculum in Early Childhood and Early Intervention. 3 Credits.
Presents curricular materials covering development from birth to six years. Discusses procedures for use and modification.

SPED684. Applications of a Linked System I. 2 Credits.
Provides opportunities for students to implement activities in a linked approach to early intervention services; foundation for an understanding of the components of a linked system. Sequence with SPED 685.

SPED685. Applications of a Linked System II. 1 Credit.
Examines the components of a linked system, how they influence one another, and how they are implemented within a best-practices model for early intervention–early childhood special education. Sequence with SPED 684.
Prereq: SPED 684.

SPED686. Autism in Early Intervention. 2-3 Credits.
Information is given regarding the etiology of autism, diagnostic/evaluation procedures and current evidence-based strategies for supporting young children with autism spectrum disorder and their families.

SPED687. Early Intervention Methods I. 1-3 Credits.
Provides practical information for conducting program-relevant assessments using curriculum-based assessment tools and for developing individualized family service plans.

SPED688. Early Intervention Methods II. 1-3 Credits.
Provides opportunity to develop effective intervention skills to use with young children who are at risk and disabled and with their families.

SPED689. Early Intervention Methods III. 1-2 Credits.
Focuses on advanced methods in early intervention, including special handling and management techniques.

SPED690. Early Intervention Methods IV. 1-2 Credits.
Develops advanced intervention skills to use with young children who are at risk and disabled and with their families.

SPED706. Special Problems: [Topic]. 1-6 Credits.
Repeatable.

SPED707. Seminar: [Topic]. 1-5 Credits.
Repeatable.

SPED708. Workshop: [Topic]. 1-6 Credits.
Repeatable.

SPED709. Practicum: [Topic]. 1-6 Credits.
Repeatable.

School of Journalism and Communication

Julianne H. Newton, Interim Dean
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1275 University of Oregon
Eugene OR 97403-1275

The School of Journalism and Communication offers programs leading to bachelor's, master's, and doctoral degrees.

Undergraduate students major in the following: journalism, journalism: advertising, journalism: media studies, or journalism: public relations. The school also offers a minor in media studies and participates in four interdisciplinary programs: the major in cinema studies, the major in general social science, the certificate in film studies, and the minor in multimedia.

Master's degree majors are journalism, media studies, multimedia journalism, and strategic communication (the school is no longer accepting applications for the master's degrees in journalism: advertising, journalism: magazine, and journalism: news-editorial).

The doctoral program in media studies develops scholars and teachers who can critically examine questions of communication and societyfrom many perspectives.

The school, which started as a department in 1912 and became a professional school in 1916, is one of the oldest journalism schools in the United States and one of the most broadly conceived. It is accredited by the national Accrediting Council on Education in Journalism and Mass Communications.

The school's faculty members are scholars and researchers who combine academic background with professional experience in their teaching fields. Among them are copywriters, designers, and advertising agency executives; newspaper reporters and editors; public relations executives; broadcast journalists and documentarians; communication researchers; photojournalists; magazine writers and editors; Pulitzer Prize–winners and Page Legacy Scholars; *New York Times* columnists; and award-winning researchers. The faculty's influence extends beyond the university campus through scholarly and professional publication, consulting, creative design, documentary filmmaking, radio and multimedia production, and textbooks and trade books in such areas as advertising, language skills, ethics, literary nonfiction, international public relations, information gathering, media criticism and history, reporting, visual communication, political communication, public relations writing, graphic arts, magazine writing, and public broadcasting.

The school's George S. Turnbull Portland Center at the White Stag Block offers a gateway to the state's media center. Academic programs include the Portland Senior Experience, a term-long, residential internship program for undergraduates; Portland-based master's degree programs in multimedia journalism and strategic communication; and public lectures, Internet programs, regional and national academic conferences, and professional development programs. The Turnbull Center is also home to the school's scholastic journalism outreach coordinator and executive director of the Northwest Scholastic Press. Current information on the center's programs is available on the school's website (http://journalism.uoregon.edu).

General Information

The School of Journalism and Communication occupies Eric W. Allen Hall, named in memory of the school's first dean. Allen Hall underwent a major renovation in 2012 that updated all facilities and added 18,000 square feet of space. Included in the renovation is an open and collaborative digital commons that provides students with twenty-four-hour access to the school's computer labs during academic terms.Allen Hall offers wireless Internet connection, as does most of the campus. Fully equipped laboratories support writing, editing, design, video and audio, digital photography, mobile media, and web production. The school's Carolyn S. Chambers Electronic Media Center houses video and audio production facilities, and the Student Services Center supports academic-, internship-, and career-advising services for journalism and communication students. Seminars, meetings, and special events are held in the Hall of Achievement, which honors more than fifty distinguished alumni and faculty members of the school. The atrium is filled with course-related activities, student meetings, and special events throughout the year. The school receives the newspaper services of the Associated Press. Knight Library, the main branch of the university's library system, houses an extensive collection of the literature of journalism and communication.

Diversity and Freedom of Expression

The goal of building greater social, political, cultural, economic, and intellectual diversity among students and members of the faculty and staff as well as in our curriculum, public scholarship, and communities is central to the school's mission: to prepare professional communicators, critical thinkers, and responsible citizens for a global society. The promotion and practice of freedom of expression and intellectual inquiry across an evolving media environment are integral to the school's long and proud tradition of academic excellence. Discrimination of any kind, disrespect for others, or inequity in educational opportunity are unacceptable.

Code of Conduct

Students enrolled in the School of Journalism and Communication as well as its faculty, staff, and administrators are expected to meet the highest standards of conduct as defined in the school and university codes of conduct and relevant professional codes of ethics. The school reserves the right to deny admission or graduation of a student found to be in violation of these codes.

Cinema Studies Major

The cinema studies major, which leads to a bachelor of arts degree, gives students the opportunity to study moving-image media as multicultural, transnational, and humanistic phenomena. This multidisciplinary major is a joint program of the College of Arts and Sciences, the School of Architecture and Allied Arts, and the School of Journalism and Communication.

More information is available in the **Cinema Studies** (p. 105) section of this catalog under the **College of Arts and Sciences**.

Minor in Multimedia

Through the multimedia minor, undergraduates study print, time-based, and interactive digital arts; web programming, digital imaging, writing for multimedia, and digital audio and sound design. The interdisciplinary

program spans the Department of Art, Department of Computer and Information Science, School of Journalism and Communication, and the School of Music and Dance.

More information is available in the Minor in Multimedia section of this catalog under the **Department of Art**.

Certificate in Film Studies

School of Journalism and Communication courses on media production and industries, film history, music, genres, and other topics emphasizing the aesthetic aspects of film may be applied to the requirements for the certificate in film studies.

More information is available in the Cinema Studies Program (p. 106) section of this catalog under the **College of Arts and Sciences**.

General Social Science Major

Courses from the School of Journalism and Communication and other professional schools can apply to the multidisciplinary major in general social science.

More information is available in the General Social Science Program (p.) section of this catalog under the **College of Arts and Sciences**.

Digital Technical Services

Students have access to technical support for computer issues at the help desk in 319 Allen Hall. In 113 Allen Hall, video and photo production equipment is available for checkout to students enrolled in designated courses in those areas.

The School of Journalism and Communication expects students to have regular and reliable access to a laptop computer. Instructors specify technology expectations on the first day of class, in the class syllabus, or both. Some instructors require a laptop for the entire class or just part of the class; some require that no laptops be present in class.

Scholarships

More than $500,000 in scholarships, ranging from $300 to $15,000, are offered by the School of Journalism and Communication with the support of endowments and contributions. Applications are available on the school's website.

Undergraduate Student Services

Information about undergraduate admission and degree requirements, advising materials, sample programs, internships, and careers is available on the school's website. The office of the director of student services is in 134 Allen Hall.

Graduate Programs Manager

Information about graduate admission and degree requirements is available on the school's website. The office of the graduate programs manager is 214A Allen Hall.

Faculty

Thomas H. Bivins, John L. Hulteng Chair in Media Ethics and Responsibility; professor (communication ethics, communication history). BA, 1974, MFA, 1976, Alaska, Anchorage; PhD, 1982, Oregon. (1985)

Marquis E. Blaine, senior instructor (multimedia journalism, feature writing). BJ, 1993, Missouri, Columbia; MS, 2000, Oregon. (2003)

Carl R. Bybee, associate professor (communication and democracy, cultural studies, communication studies). BA, 1973, MA, 1976, PhD, 1978, Wisconsin, Madison. (1982)

Christopher Chávez, assistant professor (advertising, popular culture, media studies and globalization). BS, 1993, California State Polytechnic, Pomona; MA, 1995, MA, 2006, PhD, 2009, Southern California. (2012)

Patricia A. Curtin, Endowed Chair in Public Relations; professor (international public relations, research methods, culture and identity). AB, 1977, Earlham College; MA, 1991, PhD, 1996, Georgia. (2006)

Nicole Smith Dahmen, assistant professor (visual communication). BGS, 1977, MMC, 2001, Louisiana State; PhD, 2007, North Carolina, Chapel Hill. (2014)

Donna Davis, visiting assistant professor (strategic communication, public relations, virtual worlds). BA, 1981, MS, 2005, PhD, 2010, Florida. (2011)

Troy R. Elias, assistant professor (advertising, race and ethnicity, information and communication technology). BS, 2004, Claflin; MA, 2006, PhD, 2009, Ohio State. (2014)

Rebecca Force, instructor (broadcast news,multimedia journalism). BA, 1968, Vassar College. (2010)

Tiffany Derville Gallicano, associate professor (public relations). BA, 1997, Willamette; MA, 2002, PhD, 2007, Maryland, College Park. (2007)

Harsha Gangadharbatla, associate professor (advertising, social and economic effects of advertising, new and emerging media). BE, 1999, Allahabad (India); MA, 2002, Michigan State; PhD, 2006, Texas, Austin. (2008)

Timothy W. Gleason, professor (communication ethics, communication law, news-editorial). BA, 1980, State University of New York, Empire State; MA, 1983, PhD, 1986, Washington (Seattle). (1987)

Lisa Heyamoto, instructor (feature writing, multimedia journalism,magazine production), BA, 2001, Washington (Seattle); MS, 2011, Oregon. (2011)

Lauren J. Kessler, professor (narrative journalism, multimedia journalism, alternative media). BSJ, 1971, Northwestern; MS, 1975, Oregon; PhD, 1980, Washington (Seattle). (1980)

Torsten Kjellstrand, visiting assistant professor (photojournalism, multimedia and visual journalism). BA, 1984, Carleton College; MA, 1997, Missouri, Columbia. (2013)

David Koranda, senior instructor (advertising campaigns, media planning, strategic planning). BA, 1970, Wilkes; BS, 1978, Oregon. (2001)

Anna Klyueva, acting assistant professor (public relations). BS, 2000, Khujand State; MA, 2008, Oklahoma. (2011)

Kathryn Kuttis, instructor (cultural and media studies, visual design, representation). BA, 1995, Drew; MLA, 2010, Oregon. (2014)

Peter D. Laufer, James Wallace Chair in Journalism: News-Editorial; professor (long-form journalism, radio journalism, international journalism). MA, 1986, American; PhD, 2009, Leeds Metropolitan. (2010)

Ed Madison, assistant professor (multimedia journalism, digital publishing, media entrepreneurship). BS, 1979, Emerson College; PhD, 2012, Oregon. (2012)

Scott R. Maier, associate professor (investigative journalism, computer-assisted reporting, quantitative methods). BA, 1977, Oberlin; MA, 1989, Southern California; PhD, 2000, North Carolina, Chapel Hill. (2000)

Gabriela Martinez, associate professor (electronic media, international communication, Latin American studies). BA, 1999, MA, 2000, San Francisco State; PhD, 2005, Oregon. (2005)

Kelli I. Matthews, instructor (public relations, strategic communication, social media). BA, 2001, MA, 2004, Oregon. (2011)

Debra L. Merskin, associate professor (communication studies; gender, race, and media; media and society). BA, 1983, South Florida, Tampa; MLA, 1989, South Florida, St. Petersburg; PhD, 1993, Syracuse. (1993)

Daniel L. Miller, associate professor (video production, documentary film and video). BS, 1983, MS, 1986, PhD, 1994, Oregon. (2001)

Daniel D. "Dan" Morrison, instructor (photojournalism, multimedia and visual journalism). BA, 1984, MPA, 1994, Texas, Austin. (2010)

Deborah K. Morrison, Carolyn Silva Chambers Distinguished Professor in Advertising (advertising and brand creativity, creative process, social responsibility). BJ, 1978, Sam Houston State; MA, 1984, PhD, 1988, Texas, Austin. (2006)

Dean E. Mundy, assistant professor (public relations, media framing). BA, 1996, MA, 2006, PhD, 2010, North Carolina, Chapel Hill. (2014)

Joshua G. Netzer, instructor (strategic communication, persuasion, quantitative market research). BA, 1997, MA 1999, Washington State. (2007)

Julianne H. Newton, professor (visual communication, photojournalism, communication ethics); Interim Edwin L. Artzt Dean. BA, 1970, Baylor; MA, 1983, PhD, 1991, Texas, Austin. (2000)

Jon Palfreman, KEZI Professor of Journalism (science, environmental, and medical journalism; long-form documentary). BS, 1971, University College, London; MS, 1972, Sussex; PhD, 2005, Glamorgan. (2006)

Sung J. Park, instructor (photojournalism,multimedia journalism). BS, 1991, MFA, 2010, Syracuse. (2010)

Laurie Phillips, assistant professor (public relations, strategic communication, social activism). BS, 2004, Mary Washington; MA, 2005, Texas, Austin. (2013)

Wes Pope, assistant professor (multimedia journalism). BA, 1996, Washington (Seattle); MA, 2010, Syracuse. (2012)

John T. Russial, associate professor (news-editorial, organizational change, technology studies). BA, 1973, Lehigh; MA, 1975, Syracuse; PhD, 1989, Temple. (1992)

William E. Ryan II, associate professor (graphic design, photojournalism, visual communication). BA, 1964, Loras; MA, 1975, EdD, 1991, South Dakota. (1987)

Biswarup "Bish" Sen, assistant professor (communication studies, global media, television studies). BA, 1975, St. Xavier's College, Kolkata; MA, 1982, Ohio State; PhD, 1990, Illinois, Urbana-Champaign. (2010)

Kim Sheehan, professor (advertising, consumer research and behavior, sustainability communication). BS, 1980, Northwestern; MBA, 1993, Boston University; PhD, 1998, Tennessee, Knoxville. (1998)

Heather Shoenberger, acting assistant professor (advertising, online behavioral advertising). BA, 2002, Drury; MA, 2006, JD, 2006. (2014)

Gretchen Soderlund, associate professor (media history, gender and media). BA, 1993, Virginia Commonwealth; PhD, 2002, Illinois, Urbana-Champaign. (2013)

H. Leslie Steeves, professor (diversity and media, development communication and social change); associate dean, graduate affairs and research. BS, 1971, Vermont; MS, 1974, PhD, 1980, Wisconsin, Madison. (1987)

Daniel Gomez Steinhart, assistant professor (global Hollywood, transnational styles, international art cinemas). BA, 2000, Wesleyan; MA, 2006, PhD, 2013, California, Los Angeles. (2014)

Tomas "Alex" Tizon, assistant professor (journalism). BS, 1984, Oregon; MA, 1986, Stanford. (2011)

Janet Wasko, Philip H. Knight Chair in Communication Research; professor (communication studies, political economy of communication). BA, 1973, MA, 1974, California State; PhD, 1980, Illinois. (1986)

Thomas H. Wheeler, professor (ethics of digital image manipulation, magazine writing and editing). BA, 1969, California, Los Angeles; JD, 1975, Loyola, Los Angeles. (1991)

Kyu Ho Youm, Jonathan Marshall First Amendment Chair; professor (communication law, international law, news-editorial). BA, 1980, Konkuk; MA, 1982, PhD, 1985, Southern Illinois; MSL, 1998, Yale; MSt, 2006, Oxford. (2002)

Emeriti

Charles F. Frazer, professor emeritus. AB, 1968, Rutgers; MA, 1972, Fairfield; PhD, 1976, Illinois. (1990)

Arnold Ismach, professor emeritus. BA, 1951, Oklahoma; MA, 1970, California, Los Angeles; PhD, 1975, Washington (Seattle). (1985)

Ann C. Maxwell, associate professor emerita. BA, 1973, MA, 1975, California State, Fullerton; PhD, 2008, Pacifica Graduate Institute. (1986)

Duncan L. McDonald, professor emeritus. BS, 1966, Ohio; MS, 1972, Oregon. (1975)

Karl J. Nestvold, professor emeritus. BS, 1954, Wyoming; MS, 1960, Oregon; PhD, 1972, Texas, Austin. (1961)

Stephen E. Ponder, associate professor emeritus. B.A., 1964, Washington (Seattle); MA, 1975, George Washington; PhD, 1985, Washington (Seattle). (1985)

Deanna M. Robinson, professor emerita. BA, 1964, MA, 1972, PhD, 1974, Oregon. (1976)

Ronald E. Sherriffs, professor emeritus. BA, 1955, MA, 1957, San Jose State; PhD, 1964, Southern California. (1965)

James R. Upshaw, professor emeritus. BA, 1962, San Diego State. (1992)

William B. Willingham, associate professor emeritus. AB, 1957, MA, 1963, Indiana. (1965)

The date in parentheses at the end of each entry is the first year on the University of Oregon faculty.

Communication Ethics

Graduate Certificate in Communication Ethics

Any student who is unconditionally admitted to the Graduate School may earn a certificate in communication ethics as an enhancement to a graduate degree. However, the certificate may be of particular interest to the journalism school's graduate students.

The certificate program is designed to provide students with the ability to apply and teach both theoretical and applied ethical decision-making strategies covering a variety of media—from print and broadcast journalism to advertising and public relations, including both message construction and the multiple delivery systems associated with the modern mass media (print, broadcast, electronic, and digital).

Students should be able to fulfill the program requirements within a two-year period, normally in conjunction with their primary graduate emphasis.

Communication Ethics Graduate Certificate Requirements

J647	Theoretical Foundations of Communication Ethics	4
J644	Philosophy of Communication	
Select two of the following: [1]		8
J596	Communication Ethics and Law: [Topic]	4
J512	Issues in Communication Studies: [Topic]	
J596	Communication Ethics and Law: [Topic]	
J646	Political Economy of Communication	
J648	Cultural Approaches to Communication	
J649	International Communication	
Approved courses in other departments [2]		8
Other journalism or outside courses [3,4]		4
Total Credits		**28**

1. Students, particularly at the doctoral level, are encouraged to make the 600-level courses a priority. The following list represents courses that have been identified as having a strong or exclusive focus in communication ethics, including topics highly relevant to ethics study.
   - Issues in Communication Studies: [Topic] (J512) (Communication and Democracy)
   - Communication Ethics and Law: [Topic] (J596) (Ethics of Strategic Communication;Persuasion and Ethics;Photo Fiction;Visual Truth)
   - Philosophy of Communication (J644)
   - Political Economy of Communication (J646)
   - Cultural Approaches to Communication (J648)
   - International Communication (J649)
2. Approved courses are decided in consultation with the student's certificate advisor and are based on relevance to the particular interest area of the student (e.g., political communication, environmental communication, philosophy). The advisor consults with the course instructor before approving a course. Ultimately, program coherence is gained through the core offerings in the school, but may be greatly enhanced through careful choices of outside course work. In most cases, courses in the philosophy department are encouraged as outside choices.
3. No more than 4 credits of Reading and Conference: [Topic] (J605) may be applied to the certificate.
4. All students pursuing the communication ethics certificate (except PhD students in journalism) must take Mass Communication and Society (J611). However, it does not count toward the 28 credits required for the graduate certificate.

Additional Requirement

Course work must be taken for letter grades.

The required journalism courses from which students select two courses are generally taught at least once a year. Substitutions may occur if courses are not available. Other, relevant courses may also be substituted for courses on this list as they are developed or are considered germane to an individual student's program.

Application

Application for granting of the certificate must be made to the Graduate School before graduation. For details, contact a staff member in the journalism school Graduate Programs Office.

Application to the certificate program should be made in writing to the journalism school graduate director. For more information on the program and application procedure, contact Tom Bivins, John L. Hulteng Chair in Media Ethics and Responsibility, 541-346-3740, tbivins@uoregon.edu.

Journalism

The University of Oregon undergraduate program is based on the premise that the best professional communicator is broadly educated. In accordance with national accrediting standards, students must take at least 104 credits in courses outside the School of Journalism and Communication. A maximum of 76 credits in the 180-credit undergraduate program may be in journalism and communication courses. Students learn about media practice and effects. They study the role of the media in society, the history of journalism, visual communication, the ethics of media practices, the economics of the media, new media technologies, international communication, diversity in the media, and the legal and social responsibilities of the media.

In addition, undergraduates take a two-term series of courses called Gateway to Media that immerses them in the fundamentals of digital storytelling, including multimedia story development and delivery across traditional, digital, and social platforms. The intent of this series of courses is to develop basic literacies and competencies for students who engage in collaborative media projects.

Majors are encouraged to consider a second major or a minor in a field related to their career goals. Preparation in a second field is a valuable addition to a student's education and enhances employability.

Many students are active in campus affairs, working for the campus newspaper; the university's radio station; the student-run advertising,

design, video, and public relations agencies; the award-winning *Flux* and *Ethos* magazines; television and online programs; and alternative and online publications, including *OR Magazine*, the first student-produced iPad publication. The school also encourages them to participate in UO chapters of Ed on Campus, Ad Society, National Broadcasting Society, National Press Photographers Association, Public Relations Student Society of America, Society of Professional Journalists, and such national venues as the One Club for Art and Copy. Internships are encouraged and available at newspapers, magazines, broadcast stations, advertising agencies, public relations offices, nonprofit organizations, government offices, video production firms, online publications, and public policy offices.

The best preparation for journalism majors is a broad college-preparatory program with emphasis on language skills, English literature, economics, history, and the political and social sciences. Prospective students also benefit from the study of mathematics, statistics, computer applications, and second languages.

Community college students planning to transfer to the School of Journalism and Communication should concentrate on college-transfer courses, especially in literature, economics, and history, that fulfill university requirements and the school's general-studies requirements. Almost all professional courses are taken at the School of Journalism and Communication. Advising material is available to community college students online.

- **Bachelor of Arts**
- **Bachelor of Science**

Undergraduate Studies

The role of the school's undergraduate program is to provide students with the creative, critical, and problem-solving skills they need to become ethical, professional communicators and critical media consumers.

Premajor Admission

New students planning to major in journalism enter the university as premajors and do not need to meet special admission requirements beyond the general university requirements.

Each premajor is assigned to a journalism and communication advisor who assists in planning programs, answering questions, and tracking progress toward admission as a major and toward graduation. Students should check with an advisor at least once a year to ensure that requirements are being met. In addition, students will be assigned a faculty advisor, who will guide them through the portfolio process. The director of student services for the school supervises undergraduate academic advising.

A university student in another major may switch to a journalism premajor online on the School of Journalism and Communication website. To become a premajor, a student must have a minimum cumulative grade point average (GPA) of 2.00 for all work at the University of Oregon.

Premajor Program

Students must complete the school's premajor core curriculum, and earn grades of C or better:

J100	Media Professions	2
J101	Grammar for Communicators	2
J201	Media and Society	4
Total Credits		**8**

Admission as a Major

Admission to the School of Journalism and Communication is competitive. The faculty considers applications from premajor students who have

- completed 24 or more graded credits of course work at the University of Oregon, earning a cumulative UO GPA of at least 2.90
- completed College Composition I (WR121) and College Composition II (WR122) or College Composition III (WR123) with grades of P or C– or better
- completed the school's premajor core curriculum

A student's GPA is a major factor in the admissions decision. Students with a GPA of 3.25 or higher are guaranteed admission to the major.

Applicants with grade point averages between 2.90 and 3.24 are evaluated and judged competitively by an admissions committee as applications are received. The admissions committee considers the requirements listed above and other materials that applicants submit, including a personal statement, letters of recommendation, and a portfolio. Students with a GPA below 2.90 may petition the committee for admission. The committee has the option of waiving any of the requirements listed above if evidence of a candidate's high potential for success in the major is presented and approved.

Transfer Students

Students transferring to the University of Oregon School of Journalism and Communication enter as premajors. They apply to the University of Oregon Office of Admissions and are accepted as premajors if they meet the university's general standards for admission. To be admitted to major status, transfer students must meet the school's requirements for admission as a major (p. 569).

Transfer Credit

The School of Journalism and Communication accepts journalism credits earned at other colleges and universities as follows:

1. Credits earned at schools of journalism accredited by the Accrediting Council on Education in Journalism and Mass Communications are accepted for journalism credit and may fulfill specific course requirements
2. Journalism credits may be accepted from unaccredited journalism programs, but they may not be used to meet specific course requirements. They do count toward the 76-credit limit set by national accrediting standards
3. Regardless of the number of credits transferred, students must take at least 27 credits of journalism in residence to earn a degree from the University of Oregon
4. Students may not take more than 76 credits in journalism courses out of the 180 total credits required for a bachelor's degree. They may, however, add credits to the 180-credit total to accommodate extra journalism credits (e.g., take 186 credits to accommodate as many as 82 credits in journalism)
5. The school accepts equivalent courses taught at other colleges to meet the Media and Society (J201) requirement for application to be a major, and may accept equivalent courses to meet other core

requirements if approved by the associate dean for undergraduate affairs

Transfer students who want to discuss the transfer policy may consult the associate dean, director of student services, or academic advisors.

The school offers course work leading to bachelor of arts (BA) and bachelor of science (BS) degrees. Major requirements are the same for each. Differences between the two degrees are explained under Requirements for Bachelor of Arts and Bachelor of Science in the **Bachelor's Degree Requirements** (p. 22) section of this catalog.

Bachelor of Arts in Journalism Requirements

Journalism Premajor Requirements		
J100	Media Professions	2
J101	Grammar for Communicators	2
J201	Media and Society	4
Journalism Major Requirements		
J205	Gateway to Media I [1,2]	4
J206	Gateway to Media II [1,3]	4
J207	Gateway to Media III [4]	4
J361	Reporting I	4
J462	Reporting II	4
Select three of the following: [5]		12
J331	Digital Video Production	
J333	Writing for Multimedia	
J365	Photojournalism	
J371	Feature Writing I	
J421	Documentary Production	
J432	Reporting for Electronic Media	
J434	Advanced Television News	
J461	Newspaper Editing	
J463	Specialized Reporting: [Topic]	
J466	Advanced Photojournalism: [Topic]	
J468	Advanced News Editing	
J472	Feature Writing II	
J473	Feature Editing	
J474	Magazine Industry and Strategies	
J475	Flux Production	
J483	The Journalistic Interview	
Select two of the following: [6]		8
J320	Gender, Media, and Diversity	
J385	Communication Law	
J387	Media History	
J396	International Communication	
J397	Media Ethics	
Select two of the following: [6]		8
J412	Issues in Communication Studies: [Topic]	
J467	Issues in International Communication: [Topic]	
J495	Research Methods: [Topic]	
J496	Communication Ethics and Law: [Topic]	
General Studies Requirements		
Literature courses [7,8]		16
History courses [8]		8
Economics courses [8]		8
General studies courses in three other subject codes within the College of Arts and Sciences [8]		24
Total Credits		**112**

1. Students must earn grades of mid-C or better. Grades for Gateway to Media I (J205)and Gateway to Media II (J206)are coordinated as an 8-credit unit in which students earn the same grade for both courses. In accordance with the school's policy, students must earn a C or better in Gateway to Media I (J205) and Gateway to Media II (J206) before advancing to Gateway to Media III (J207).
2. Must be taken concurrently with Gateway to Media II (J206).
3. Must be taken concurrently with Gateway to Media I (J205).
4. Students must take course in the term immediately following Gateway to Media I (J205) and Gateway to Media II (J206) and must earn a C or better in Gateway to Media III (J207) before advancing in the major. Students who fail to enroll in Gateway to Media III (J207) in the term immediately following Gateway to Media I (J205) and Gateway to Media II (J206) or who fail to earn a C or better must repeat Gateway to Media I (J205) and Gateway to Media II (J206).
5. Courses are "pathway" courses that are approved by the advisor. The pathway is an individual course plan that reflects a student's professional goals and career objectives.
6. Students must take two 300-level and two 400-level context courses, such as ethics, history, law, diversity, or international communication.
7. Courses include the following:
   1. Literature courses taught by the Department of English and the Department of Comparative Literature. Courses in rhetoric, grammar, and cinema or television production do not count toward this requirement.
   2. Literature courses taught in English translation by foreign-language departments or the Department of Classics or courses that are cross-listed for major credit by these departments
   3. Introduction to the Humanities I-III (HUM101–103)

   One of the following categories may be used to satisfy 8 credits of this requirement:
   - Courses taught in a second language that are part of a student's language program of study. Foreign-language courses used to fulfill the university's bachelor of arts requirement and writing courses used to fulfill the university composition requirement may not be used to fulfill the general-studies courses requirement.
   - Courses treating film or television as literature that have significant reading and writing components.

[8] Courses numbered 196, 198, 199, 399–406, or 408–410 may not be used to fulfill these requirements. In addition to the literature, history, and economics block requirements, journalism students must complete three additional blocks. Each block consists of 8 credits of a subject offered by the College of Arts and Sciences. Eligible subjects codes are AEIS, AFR, ANTH, ARB, ASIA, ASL, ASTR, BI, CAS, CH, CHN, CINE, CIS, CIT, CLAS, COLT, CRWR, DANE, EALL, EC, ENG, ENVS, ES, EURO, FINN, FLR, FR, GEOG, GEOL, GER, GRK, HBRW, HC, HIST, HPHY, HUM, INTL, ITAL, JDST, JPN, KRN, LAS, LAT, LING, LT, MATH, MDVL, NORW, PHIL, PHYS, PORT, PS, PSY, REES, REL, RL, RUSS, SCAN, SOC, SPAN, SWAH, SWED, TA, WGS, WR.

The additional blocks *can* overlap with the following requirements:

- Courses taken to fulfill the university's arts and letters, social science, and science group-satisfying requirements (unless the course is also being used for journalism requirements in literature, history or economics)
- Courses taken toward the UO bachelor of science requirement
- Minor and second major course work in the College of Arts and Sciences
- Electives in the College of Arts and Sciences

The additional blocks *cannot* overlap with the following requirements:

- First- and second-year foreign language (if used for the bachelor of arts degree)
- Writing composition (WR) classes used for the UO writing requirement
- Courses used for the literature, history, or economics requirements in journalism

This requirement and the potential for overlap with other requirements can be very complicated and highly individualized. Please speak with your academic advisor to learn about your options.

Bachelor of Science in Journalism Requirements

Journalism Premajor Requirements		
J100	Media Professions	2
J101	Grammar for Communicators	2
J201	Media and Society	4
Journalism Major Requirements		
J205	Gateway to Media I [1,2]	4
J206	Gateway to Media II [1,3]	4
J207	Gateway to Media III [4]	4
J361	Reporting I	4
J462	Reporting II	4
Select three of the following: [5]		12
J331	Digital Video Production	
J333	Writing for Multimedia	
J365	Photojournalism	
J371	Feature Writing I	
J421	Documentary Production	
J432	Reporting for Electronic Media	
J434	Advanced Television News	
J461	Newspaper Editing	
J463	Specialized Reporting: [Topic]	
J466	Advanced Photojournalism: [Topic]	
J468	Advanced News Editing	
J472	Feature Writing II	
J473	Feature Editing	
J474	Magazine Industry and Strategies	
J475	Flux Production	
J483	The Journalistic Interview	
Select two of the following: [6]		8
J320	Gender, Media, and Diversity	
J385	Communication Law	
J387	Media History	
J396	International Communication	
J397	Media Ethics	
Select two of the following: [6]		8
J412	Issues in Communication Studies: [Topic]	
J467	Issues in International Communication: [Topic]	
J495	Research Methods: [Topic]	
J496	Communication Ethics and Law: [Topic]	
General Studies Requirements		
Literature courses [7,8]		16
History courses [8]		8
Economics courses [8]		8
General studies courses in three other subject codes within the College of Arts and Sciences [8]		24
Total Credits		**112**

[1] Students must earn grades of mid-C or better. Grades for Gateway to Media I (J205)and Gateway to Media II (J206)are coordinated as an 8-credit unit in which students earn the same grade for both courses. In accordance with the school's policy, students must earn a C or better in Gateway to Media I (J205) and Gateway to Media II (J206) before advancing to Gateway to Media III (J207).

[2] Must be taken concurrently with Gateway to Media II (J206).

[3] Must be taken concurrently with Gateway to Media I (J205).

[4] Students must take course in the term immediately following Gateway to Media I (J205) and Gateway to Media II (J206) and must earn a C or better in Gateway to Media III (J207) before advancing in the major. Students who fail to enroll in Gateway to Media III (J207) in the term immediately following Gateway to Media I (J205) and Gateway to Media II (J206) or who fail to earn a C or better must repeat Gateway to Media I (J205) and Gateway to Media II (J206).

[5] Courses are "pathway" courses that are approved by the advisor. The pathway is an individual course plan that reflects a student's professional goals and career objectives.

[6] Students must take two 300-level and two 400-level context courses, such as ethics, history, law, diversity, or international communication.

7 Courses include the following:

1. Literature courses taught by the Department of English and the Department of Comparative Literature. Courses in rhetoric, grammar, and cinema or television production do not count toward this requirement.
2. Literature courses taught in English translation by foreign-language departments or the Department of Classics or courses that are cross-listed for major credit by these departments
3. Introduction to the Humanities I-III (HUM101–103)

One of the following categories may be used to satisfy 8 credits of this requirement:

- Courses taught in a second language that are part of a student's language program of study. Foreign-language courses used to fulfill the university's bachelor of arts requirement and writing courses used to fulfill the university composition requirement may not be used to fulfill the general-studies courses requirement.
- Courses treating film or television as literature that have significant reading and writing components.

8 Courses numbered 196, 198, 199, 399–406, or 408–410 may not be used to fulfill these requirements. In addition to the literature, history, and economics block requirements, journalism students must complete three additional blocks. Each block consists of 8 credits of a subject offered by the College of Arts and Sciences. Eligible subjects codes are AEIS, AFR, ANTH, ARB, ASIA, ASL, ASTR, BI, CAS, CH, CHN, CINE, CIS, CIT, CLAS, COLT, CRWR, DANE, EALL, EC, ENG, ENVS, ES, EURO, FINN, FLR, FR, GEOG, GEOL, GER, GRK, HBRW, HC, HIST, HPHY, HUM, INTL, ITAL, JDST, JPN, KRN, LAS, LAT, LING, LT, MATH, MDVL, NORW, PHIL, PHYS, PORT, PS, PSY, REES, REL, RL, RUSS, SCAN, SOC, SPAN, SWAH, SWED, TA, WGS, WR.

The additional blocks *can* overlap with the following requirements:

- Courses taken to fulfill the university's arts and letters, social science, and science group-satisfying requirements (unless the course is also being used for journalism requirements in literature, history or economics)
- Courses taken toward the UO bachelor of science requirement
- Minor and second major course work in the College of Arts and Sciences
- Electives in the College of Arts and Sciences

The additional blocks *cannot* overlap with the following requirements:

- First- and second-year foreign language (if used for the bachelor of arts degree)
- Writing composition (WR) classes used for the UO writing requirement
- Courses used for the literature, history, or economics requirements in journalism

This requirement and the potential for overlap with other requirements can be very complicated and highly individualized. Please speak with your academic advisor to learn about your options.

Additional Requirements

- Satisfactory completion of a minimum of 60 credits and a maximum of 76 credits in journalism, of which at least 27 must be taken at the University of Oregon School of Journalism and Communication and at least 24 must be upper division
- Satisfactory completion of at least 104 credits in academic fields other than journalism. A student who graduates with 180 credits must count no more than 76 credits (including transfer credits) in journalism toward the degree
- Students must take a minimum of 20 upper-division credits in journalism, including prerequisites
- Majors and premajors must take all school courses for letter grades unless a course is only offered pass/no pass (P/N). All graded journalism courses taken to satisfy the major must be passed with a grade of mid-C or better
- A cumulative GPA of 2.70 or better in courses taken in the School of Journalism and Communication at the time of graduation

Internship

A major may earn no more than 9 credits in Internship: [Topic] (J404).

Honors Program

The honors program provides high-achieving students the opportunity to develop analytic, creative, critical thinking and research skills in small-group, discussion-oriented courses. The program develops a small multidisciplinary community of communications scholars from all the majors within the School of Journalism and Communication.

Students take three honors courses focusing on media theory, research, or issues, which partially fulfill the context course requirement. In addition, students complete an original piece of scholarship or creative work in the senior year.

The program targets journalism majors entering their junior year whohave a minimum 3.50 cumulative UO GPA. Applications are accepted each spring for the following year's cohort.Clark Honors College students are eligible to apply. More information is available on the school's website.

Second Bachelor's Degree

Students who already have a bachelor's degree and want to earn a second bachelor's degree in the School of Journalism and Communication may apply for premajor status through the university's Office of Admissions. Upon fulfilling the requirements for application for admission, they may apply for major status. Students must complete all of the school's requirements for graduation including the school's arts and sciences requirement and university requirements for the BA or BS. Credits, including transfer credits, earned for the first bachelor's degree may count toward meeting the requirements as long as they conform to the transfer-credit policy outlined previously.

- **Master of Arts in Journalism**
- **Master of Science in Journalism**
- **Master's Degree in Multimedia Journalism** (p.)

Graduate Studies

The master of arts (MA) and master of science (MS) programs at the University of Oregon School of Journalism and Communication seek to expose students to a wide range of ideas concerning the structure, function, and role of the media in society.

The professional journalism master's program offers a twelve- to fifteen-month program designed for those holding bachelor's degrees but who have little or no academic or professional journalistic or media background. Graduate students in this program acquire professional skills.

The Portland-based multimedia journalism master's program, offered evenings and weekends, is designed to prepare experienced journalists with the skills needed for multimedia storytelling and for the entrepreneurial imperatives of the contemporary media business environment.

The Portland-basedstrategic communication master's program, offered evenings and weekends, provides advanced conceptual and tactical skills for working professionals in industries such as public relations, advertising, marketing communication, and corporate communication.

Information about and applications for graduate programs are available on the School of Journalism and Communication website.

Financial Assistance

The school provides a number of graduate scholarships and graduate teaching fellowships. Scholarships range from $500 to $15,000. Fellowships include a complete tuition waiver and a stipend for the academic year. Graduate teaching fellows assist faculty members with teaching, research, and administrative responsibilities.

Admission materials and applications for scholarships, fellowships, and other financial assistance must be submitted by the deadlines stated under Admission Requirements. Applicants may apply for both a scholarship and a fellowship.

International Students

A firm mastery of English, including American mass-communication idiom, is necessary for success at the graduate level. International students who lack such mastery are required to attend courses at the American English Institute on campus before participating in the graduate program. Though these courses do not carry graduate credit, they qualify to meet students' visa requirements. The best time to enroll in the institute's courses is the summer session preceding the first term in the graduate program.

Admission Requirements

Admission to the graduate program is granted for fall term for media studies, multimedia journalism, and strategic communication; summer session for the Eugene-based professional master's degree in journalism. Application materials are the same for the master's and the doctoral programs. Applicants to the master's programs must have received a BS or BA or equivalent prior to the first term of enrollment; applicants to the doctoral program must have received an MA or MS or equivalent. To be considered for admission, an applicant must submit the following:

1. Official transcripts from all institutions where undergraduate and graduate work was completed. The minimum undergraduate GPA for admission is 3.00. In exceptional cases, an applicant with a lower GPA may be admitted conditionally
2. *Optional:* Official Graduate Record Examination (GRE) scores no more than five years old
3. A 750- to 1,000-word essay describing the applicant's academic and career goals
4. An up-to-date résumé
5. A portfolio, string book, clips, tapes, or other evidence of relevant professional work or evidence of scholarly writing and research. Doctoral applicants may include a copy of a master's thesis
6. Three letters of recommendation—preferably two from academic sources
7. International students must also submit documentation for
   a. Either a Test of English as a Foreign Language (TOEFL) score of 100 or better or an International English Language Testing System (IELTS) score of 7 or better
   b. A score on the Test of Spoken English (TSE). A minimum score is not required for the TSE

Application deadlines

- Doctoral program:January 1
- Media studiesmaster's degree: February 1
- Journalismmaster's degree: Application review beginsFebruary 1
- Strategic communicationmaster's degree (Portland): Application review beginsFebruary 1
- Multimedia journalismmaster's degree (Portland): Application review beginsMarch 1
- Admission to the graduate program is granted for fall term(summer session for professional master's program students in the Eugene-based journalism ***only***; designate summer session as the start date on your application for admission)
- Strategic communications, multimedia journalism, and journalism: Application review begins soon after the dates above until all available spots in the program are filled

Advising

An advisor is appointed for each graduate student in the school by the director of graduate studies.

Course programs for graduate students are planned individually in consultation with advisors. Graduate students should meet with their advisors at least once a term.

Requirements for Graduation

A graduate student in the School of Journalism and Communication cannot elect the pass/no pass (P/N) option for a graduate course offered by the school unless that course is offered P/N only.

Master's Degree in Journalism

The Eugene-based professional master's degree in journalism is designed for students who have little or no academic or professional background in communication media and who want to acquire professional skills. Participants earn either an MA or an MS degree with a major in journalism. The master's programs in journalism: magazine and journalism: news-editorial are inactive at this time. Journalism graduate students may opt to specialize in science and/or environmental reporting; see the school's website for more information.

Master of Arts in Journalism

J508	Workshop: [Topic] (Reporting and Information Strategies) [1]	4
J508	Workshop: [Topic] (Visual Studies in Journalism)	4
J561	Newspaper Editing [2]	4
J611	Mass Communication and Society	4
J562	Reporting II	4
J563	Specialized Reporting (Story Development)	4
J563	Specialized Reporting (Advanced Story Development)	4
Elective graduate courses [3]		12-24
J604	Internship: [Topic]	4-6
orJ609	Terminal Project	
Total Credits		**44-58**

1 A master of arts degree requires second-year foreign language proficiency. See the Graduate School website for details.

2 Preparatory courses, taken only during summer session.

3 Courses must be approved by advisor and may include courses outside the School of Journalism and Communication.

Master of Science in Journalism

J508	Workshop: [Topic] (Reporting and Information Strategies) [1]	4
J508	Workshop: [Topic] (Visual Studies in Journalism)	4
J561	Newspaper Editing [2]	4
J611	Mass Communication and Society	4
J562	Reporting II	4
J563	Specialized Reporting (Story Development)	4
J563	Specialized Reporting (Advanced Story Development)	4
Elective graduate courses [3]		12-24
J604	Internship: [Topic]	4-6
orJ609	Terminal Project	
Total Credits		**44-58**

1 A master of arts degree requires second-year foreign language proficiency. See the Graduate School website for details.

2 Preparatory courses, taken only during summer session.

3 Courses must be approved by advisor and may include courses outside the School of Journalism and Communication.

Master's Degree in Multimedia Journalism

This program is based at the School of Journalism and Communication's George S. Turnbull Portland Center and leads to a master of arts or master of science degree in multimedia journalism. Offered evenings and weekends, it is designed to prepare journalists with the skills needed for multimedia storytelling and for the entrepreneurial imperatives of the contemporary media business environment.

Contemporary journalists must have the fundamental skills and values of the field as well as the ability to tell stories across multiple distribution channels (emerging digital platforms as well as print and broadcast) and to understand the business environment of the new and constantly evolving media world. Tomorrow's journalist must be both collaborative and independent—comfortable working both inside and outside of traditional organizational structures.

The program consists of a core of required 4-credit journalism and communication courses complemented by 2-credit, shorter-term workshop courses and graduate-level course work in an approved area of content outside of journalism and multimedia. The course of study concludes with a professional project that allows the student to report and produce a professional-quality multimedia project under the guidance of anadvisor. To prepare for the project, students take a minimum of four terms (including one required summer session course).

Successful applicants typically have professional experience as well as strong academic credentials. Candidates for this MA or MS degree must earn at least 48 credits with a cumulative GPA of 3.00 or better. Courses that do not carry graduate credit are not included in the GPA.

See the School of Journalism and Communication website for more detailed and up-to-date information about application requirements, the curriculum, and final project options.

Master's Degree Requirements [1]

J596	Communication Ethics and Law: [Topic]	4
J611	Mass Communication and Society	4
J638	Story and Commerce	4
J608	Workshop: [Topic] [2]	2
J609	Terminal Project	6
Other courses chosen in consultation with advisor		20
Electives [3]		8
Total Credits		**48**

1 A master of arts degree requires second-year foreign language proficiency. See the Graduate School website for details.

2 Students must complete at least one professional development workshop. We encourage students to take additional workshops for a more enriching experience. Workshops vary from term to term and may include topics such as Visualizing Information; Audio Storytelling; Story in Stills; and Innovation, Science, and Story.

3 Students may take elective courses from a variety of disciplines. Electives should be chosen in consultation with your adviser. At least 8 elective credits are required.

Courses

J100. Media Professions. 2 Credits.
Introduction to dynamic media and communication professions, opportunities, and issues, as well as to majors in journalism and communication.

J101. Grammar for Communicators. 2 Credits.
Intensive review of grammar, word use, spelling, and principles of clear, concise writing. Introduction to media style. Premajor status required.

J196. Field Studies: [Topic]. 1-2 Credits.
Repeatable.

J198. Colloquium: [Topic]. 1-2 Credits.
Repeatable.

J199. Special Studies: [Topic]. 1-5 Credits.
Repeatable.

J201. Media and Society. 4 Credits.
Introduction to the critical examination of the roles of media in society.

J205. Gateway to Media I. 4 Credits.
Integrates critical thinking with professional media skills needed for nonfiction storytelling in a multimedia environment. Sequence with J 206 and J 207. Majors only.
Coreq: J 206.

J206. Gateway to Media II. 4 Credits.
Integrates critical thinking, creative thinking, and basic skills for nonfiction storytelling through words, photos, audio, and video. Sequence with J 205 and J 207. Majors only.
Coreq: J 205.

J207. Gateway to Media III. 4 Credits.
Integrates critical thinking and intermediate nonfiction storytelling across media platforms. Sequence with J 205 and J 206. Majors only.
Prereq: J 205, 206.

J208. Introduction to Documentary Production. 4 Credits.
Introduction to the theory and practice of documentary production. Focuses on aesthetics, technology, research, and writing fundamentals of documentary making, covering preproduction, production and postproduction. Cinema studies majors only.
Prereq: J 201, ENG 260; two from ENG 265, 266, 267.

J209. Understanding Media. 4 Credits.
Enhances media literacy through examination of contemporary issues in media use and practice, the media as popular culture, and ways the media affect participation in public discourse. For nonmajors.

J314. Introduction to Media Studies. 4 Credits.
Presents a historical overview of the study of media, with in-depth discussion of primary theoretical approaches and their application to the current media environment. Majors only.
Prereq: J 201 with a grade of mid-C or better.

J315H. Honors Media Theory and Research. 4 Credits.
Foundation course for honors program. Introduction to seminal theories in communication; overview of methodologies used in the study of theories. Acceptance into School of Journalism and Communication honors program required for enrollment.

J320. Gender, Media, and Diversity. 4 Credits.
Critical study of the media with regard to gender, race, ethnicity, and other social divisions. Ramification and possible mechanisms of change.
Prereq: J 201 with a grade of mid-C or better.

J331. Digital Video Production. 4 Credits.
Introduction to techniques of single-camera field video production. Journalism and cinema studies majors only.
Prereq: J 207 with a grade of mid-C or better or J 208 with a grade of mid-C or better.

J333. Writing for Multimedia. 4 Credits.
Introduction to the process and practice of writing for multimedia, including print, audio-video, computer-assisted presentation, web-based applications, and striking the balance between word and image. Journalism majors or multimedia minor standing only.
Prereq: ARTD 250, 251, 252.

J340. Principles of Advertising. 4 Credits.
Role of advertising in the distribution of goods and services; the advertising agency; the campaign; research and testing; the selection of media: print, electronic, outdoor advertising, direct mailing. Not for journalism: advertising majors.

J342. The Creative Strategist. 4 Credits.
Creative approaches to ideation and strategic thinking for all advertising specialties. Emphasis on creative process, generative techniques, teamwork, career planning, industry trends. Journalism: advertising majors only.
Prereq: J 205, 206.

J350. Principles of Public Relations. 4 Credits.
Overview of public relations practice in a diverse global society, including theory, career opportunities, history, communication forms and channels, and legal and ethical concerns.

J352. Strategic Writing and Media Relations. 4 Credits.
Writing-intensive lab; students produce strategic, theory-based content for multiple media platforms using various journalistic styles and storytelling skills and incorporating ethical media-relations practices.
Prereq: J 205, 206, 207, 350 with a grade of mid-C or better.

J361. Reporting I. 4 Credits.
News gathering and writing. Extensive writing in class and outside of class in a variety of forms: news, features, interviews, multimedia scripts. Journalism majors only.
Prereq: J 205, 206 with a grade of mid-C or better.

J365. Photojournalism. 4 Credits.
Visual reporting techniques, with emphasis on practice, law, and ethics of photojournalism and photographic communication. Laboratory and portfolio-intensive. Majors only.
Prereq: J 205, J 206 with a grade of mid-C or better.

J371. Feature Writing I. 4 Credits.
Introduction to feature writing for print and online media; marketing your ideas and stories. Journalism majors only.
Prereq: J 361 with a grade of mid-C or better.

J385. Communication Law. 4 Credits.
Legal aspects of the media: constitutional freedom of expression, news gathering, access to public records, libel, privacy, copyright, advertising, electronic media regulation, and antitrust.
Prereq: J 201 with a grade of mid-C or better.

J387. Media History. 4 Credits.
The changing structure and character of the media in the United States.
Prereq: J 201 with a grade of mid-C or better.

J396. International Communication. 4 Credits.
National and cultural differences in media and information systems, global news and information flows, implications of rapid technological change, and communication and information policies.
Prereq: J 201 with a grade of mid-C or better.

J397. Media Ethics. 4 Credits.
Ethical problems in the media: privacy, violence, pornography, truth-telling, objectivity, media codes, public interest, media accountability.
Prereq: J 201 with a grade of mid-C or better.

J399. Special Studies: [Topic]. 1-5 Credits.
Repeatable.

J400M. Temporary Multilisted Course. 1-5 Credits.
Repeatable.

J401. Research: [Topic]. 1-9 Credits.
Repeatable.

J403. Thesis. 1-9 Credits.
Repeatable.

J404. Internship: [Topic]. 1-9 Credits.
Repeatable for maximum of 9 credits.

J405. Reading and Conference: [Topic]. 1-9 Credits.
Repeatable.

J406. Special Problems: [Topic]. 1-9 Credits.
Repeatable.

J407. Seminar: [Topic]. 1-4 Credits.
Repeatable.

J408. Workshop: [Topic]. 1-6 Credits.
Repeatable.

J409. Practicum: [Topic]. 1-4 Credits.
Repeatable.

J410. Experimental Course: [Topic]. 1-4 Credits.
Repeatable.

J412. Issues in Communication Studies: [Topic]. 4 Credits.
Uses a variety of theories and methods to examine specific aspects of media content, processes, and audiences. Repeatable when topic changes. Majors only.
Prereq: J 201 with a grade of mid-C or better.

J413. Communication Studies Capstone. 4 Credits.
Draws on skills and knowledge learned in other communications studies and related courses to demonstrate competence in broad areas of research.
Prereq: J 314 for 4 credits with grade of mid-C or better.

J416. Survey of the Documentary. 4 Credits.
Historical and critical survey of the documentary as a form of artistic expression and an instrument of social commentary. Majors, cinema studies majors, and communication studies minors only.
Prereq: J 201 with grade of mid-C or better.

J421. Documentary Production. 4 Credits.
Workshop in preparation, shooting, and postproduction of the short documentary. Journalism and cinema studies majors only.
Prereq: J 331 with a grade of mid-C or better.

J424H. Honors Theory and Research: [Topic]. 4 Credits.
Uses a variety of theories and methods to closely examine and analyze contemporary problems and situations in media and communications. Acceptance into School of Journalism and Communication honors program required for enrollment. Repeatable once when topic changes for a maximum of 8 credits.

J427M. Latino Roots I. 4 Credits.
Documents Latino history in the racial history of what is now Oregon since 1500 and teaches students to conduct oral history interviews. Multilisted with ANTH 427M/527M. Sequence with J 428M/528M. Offered alternate years.

J428M. Latino Roots II. 4 Credits.
Continuation of Latino Roots I, designed for producing a short documentary using oral history as the story. Covers basic theory and practice of digital film-video documentary production. Multilisted with ANTH 428M/528M. Sequence with J 427M/527M. Offered alternate years.
Prereq: J 427M.

J432. Reporting for Electronic Media. 4 Credits.
Training in gathering, production, and presentation of news for the electronic media. Journalism majors only.
Prereq: J 331, J 361 with a grade of mid-C or better.

J434. Advanced Television News. 4 Credits.
News gathering and production for television. Students produce live programming for local cable systems. Journalism majors only.
Prereq: J 331, J 361, J 432 with a grade of mid-C or better.

J436. Media Design: [Topic]. 4 Credits.
Focuses on issues and techniques in picture and graphic editing, typography, and work-picture composition and interaction for long-form visual storytelling across legacy- and emerging-media platforms. Repeatable twice for a maximum of 12 credits.
Prereq: J 361 with a mid-C or better.

J443. Advertising Media Planning. 4 Credits.
Objectives and strategy for determining effective methods of reaching a designated target audience. Use of media measurement tools. Journalism: advertising majors only.
Prereq: J 207, 342 with a grade of mid-C or better.

J444. Agency Account Management. 4 Credits.
The role of the account executive in the advertising agency examined through case studies. Journalism: advertising majors only.
Prereq: J 205, 206, 207, 342 with a grade of mid-C or better.

J448. Advertising Campaigns. 4 Credits.
Seniors produce a comprehensive campaign involving every aspect of advertising, ranging from market research through creative and media strategy formulation to execution. Journalism: advertising majors only.
Prereq: three from J 443/543, 444/544, 457/557, 458/558, 459/559, 460/560 with a grade of mid-C or better.

J449. Advanced Advertising Campaigns. 5 Credits.
Team experience of creating a professional-level advertising plan. Students participate in a national competition. Journalism: advertising majors only.

J452. Strategic Public Relations Communication. 4 Credits.
Advanced writing lab emphasizing business communication, direct-to-consumer strategies and techniques, and effective use of web-based communication strategies. Journalism: public relations majors only.
Prereq: J 352 with a grade of mid-C or better.

J453. Strategic Planning and Cases. 4 Credits.
Campaign planning, administration, crisis communication, and issues management, encompassing research, writing objectives and tactics, evaluation methods, and constructing budgets and timelines. Journalism: public relations majors only.
Prereq: J 352 with a grade of mid-C or better.

J454. Public Relations Campaigns. 4 Credits.
Capstone course applying theory, skills, and a team-based approach to researching, planning, presenting, and implementing a campaign for a client. Professional portfolios presented and reviewed. Journalism: public relations majors only.
Prereq: J 452, J 453; one from J 494, J 495 with a grade of mid-C or better.

J457. Curiosity for Strategists. 4 Credits.
Explores the building of intellectual curiosity as a problem-solving technique within the context of culture and media. Emphasis: critical thinking, readings, projects, performance. Journalism: advertising majors only.
Prereq: J 205, 206, 207, 342 with a grade of mid-C or better.

J458. Writing Design Concepts. 4 Credits.
Conceptual problem-solving for traditional and emerging media. Emphasis: conceptual development, advertising writing, design, campaigns, presentation of developed work. Journalism: advertising majors only.
Prereq: J 205, 206, 207, 342 with a grade of mid-C or better.

J459. Branding and Content. 4 Credits.
Capstone course on brand portfolio development for writers, art directors, and strategists. Emphasis: production, multiple-platform creative development, industry-focused portfolios. For Journalism: advertising majors only.
Prereq: J 205, 206, 207, 342 with a grade of mid-C or better.

J460. Brand Development: [Topic]. 4 Credits.
Revolving topics on emerging issues in branding and advertising, including strategies in digital and interactive brand solutions, media decision-making, and sustainability. Journalism: advertising majors only. Repeatable when topic changes.
Prereq: J 205, 206, 207, 342 with a grade of mid-C or better.

J461. Newspaper Editing. 4 Credits.
Copyediting, headline writing, and page design for newspapers in print and online; emphasis on grammar and style. Journalism majors only.
Prereq: J 361 or equivalent with a grade of mid-C or better.

J462. Reporting II. 4 Credits.
In-depth reporting on public affairs and community news. Journalism majors only.
Prereq: J 361 with a grade of mid-C or better.

J463. Specialized Reporting: [Topic]. 1-4 Credits.
Reporting special topics, including the environment, business and economics, politics, health and medicine, science, and the arts; and digital and multiplatform journalism. Journalism majors only. Repeatable.
Prereq: J 361 with a grade of mid-C or better.

J466. Advanced Photojournalism: [Topic]. 4 Credits.
Intensive visual reporting techniques, with emphasis on digital production, color, lighting, in-depth storytelling, documentary, and portfolio. Majors only. Repeatable three times for a maximum of 16 credits when topic changes.
Prereq: J 365 with a grade of mid-C or better.

J467. Issues in International Communication: [Topic]. 4 Credits.
Topics focus on global media issues. Majors and minors only; cinema studies majors for approved topics. Repeatable twice for a maximum of 12 credits when topic changes.
Prereq: J 201 with a grade of mid-C or better.

J468. Advanced News Editing. 4 Credits.
Advanced training in news editing under newsroom conditions. Discussion of issues in editing, headline writing, and news judgment. Includes work with web-based journalism. Focus on teamwork. Journalism majors only.
Prereq: J 461 with a grade of mid-C or better.

J469. OR Magazine. 4 Credits.
Building skills in journalistic storytelling and multimedia production of a digital magazine for distribution via mobile devices. Repeatable once for a maximum of 8 credits.

J472. Feature Writing II. 4 Credits.
In-depth story research and advanced feature writing for print and online markets. Individual conferences. Journalism majors only.
Prereq: J 361, J 371 with a grade of mid-C or better.

J473. Feature Editing. 4 Credits.
In-depth story research and advanced feature writing for print and online markets. Individual conferences. Journalism majors only.
Prereq: J 361, J 371 with a grade of mid-C or better.

J474. Magazine Industry and Strategies. 4 Credits.
How editors plan issues and interact with colleagues in circulation, graphics, production, and advertising. Trends, strategies, and ethics. Journalism majors only.
Prereq: J 361, J 371 with a grade of mid-C or better.

J475. Flux Production. 1-5 Credits.
Repeatable. Planning and production of "Flux" magazine. Students make and carry out assignments, write and edit stories, take photos, shoot video, sell advertising, and design the magazine. Repeatable for a maximum of 12 credits.
Prereq: J 361 with a grade of mid-C or better.

J480. Public Relations: [Topic]. 4 Credits.
Addresses a specific theory, method, or issue in the study and practice of public relations, such as international practice or strategic use of new media. Repeatable thrice when topic changes for a maximum of 16 credits.

J483. The Journalistic Interview. 4 Credits.
Gathering information through asking questions. Literature and research findings on techniques of listening, nonverbal communication, and psychological dynamics of the interview relationship in journalistic situations. Journalism majors only.
Prereq: J 361 with a grade of mid-C or better.

J494. Strategic Communications Research. 4 Credits.
Introduction to how and why research is conducted and used by public relations and advertising professionals to formulate strategic campaigns and evaluate their effectiveness. Majors only.
Prereq: J 342 or J 350.

J495. Research Methods: [Topic]. 4 Credits.
Uses a variety of quantitative and qualitative methods to examine concepts and processes of research used in such areas as advertising, public relations, journalism, strategic communication, and communication studies. Majors and minors only. Repeatable when topic changes for a maximum of 12 credits.
Prereq: J 201 with a grade of mid-C or better.

J496. Communication Ethics and Law: [Topic]. 4 Credits.
Analyses of ethical and legal issues confronting the communications industry using various ethical and legal theories, readings, and cases relevant to the specific topic. Repeatable when topic changes. Majors and minors only.
Prereq: J 201 with a grade of mid-C or better.

J503. Thesis. 1-9 Credits.
Repeatable.

J507. Seminar: [Topic]. 1-4 Credits.
Repeatable.

J508. Workshop: [Topic]. 1-6 Credits.
Repeatable.

J510. Experimental Course: [Topic]. 1-4 Credits.
Repeatable.

J512. Issues in Communication Studies: [Topic]. 4 Credits.
Uses a variety of theories and methods to examine specific aspects of media content, processes, and audiences. Repeatable when topic changes. Majors only.

J516. Survey of the Documentary. 4 Credits.
Historical and critical survey of the documentary as a form of artistic expression and an instrument of social commentary. Majors, cinema studies majors, and communication studies minors only.

J521. Documentary Production. 4 Credits.
Workshop in preparation, shooting, and postproduction of the short documentary. Journalism and cinema studies majors only.

J527M. Latino Roots I. 4 Credits.
Documents Latino history in the racial history of what is now Oregon since 1500 and teaches students to conduct oral history interviews. Multilisted with ANTH 427M/527M. Sequence with J 428M/528M. Offered alternate years.

J528M. Latino Roots II. 4 Credits.
Continuation of Latino Roots I, designed for producing a short documentary using oral history as the story. Covers basic theory and practice of digital film-video documentary production. Multilisted with ANTH 428M/528M. Sequence with J 427M/527M. Offered alternate years.
Prereq: J 527M.

J532. Reporting for Electronic Media. 4 Credits.
Training in gathering, production, and presentation of news for the electronic media. Journalism majors only.

J534. Advanced Television News. 4 Credits.
News gathering and production for television. Students produce live programming for local cable systems. Journalism majors only.
Prereq: J 532 with a grade of mid-C or better.

J536. Media Design: [Topic]. 4 Credits.
Focuses on issues and techniques in picture and graphic editing, typography, and work-picture composition and interaction for long-form visual storytelling across legacy- and emerging-media platforms. Repeatable twice for a maximum of 12 credits.

J543. Advertising Media Planning. 4 Credits.
Objectives and strategy for determining effective methods of reaching a designated target audience. Use of media measurement tools. Journalism: advertising majors only.

J544. Agency Account Management. 4 Credits.
The role of the account executive in the advertising agency examined through case studies. Journalism: advertising majors only.

J548. Advertising Campaigns. 4 Credits.
Graduate students produce a comprehensive campaign involving every aspect of advertising, ranging from market research through creative and media strategy formulation to execution. Journalism: advertising majors only.
Prereq: three from J 443/543, 444/544, 456/556, 457/557, 458/558, 459/559, 460/560.

J549. Advanced Advertising Campaigns. 5 Credits.
Team experience of creating a professional-level advertising plan. Students participate in a national competition. Journalism: advertising majors only.

J552. Strategic Public Relations Communication. 4 Credits.
Advanced writing lab emphasizing business communication, direct-to-consumer strategies and techniques, and effective use of web-based communication strategies. Journalism: public relations majors only.

J553. Strategic Planning and Cases. 4 Credits.
Campaign planning, administration, crisis communication, and issues management, encompassing research, writing objectives and tactics, evaluation methods, and constructing budgets and timelines. Journalism: public relations majors only.

J554. Public Relations Campaigns. 4 Credits.
Capstone course applying theory, skills, and a team-based approach to researching, planning, presenting, and implementing a campaign for a client. Professional portfolios presented and reviewed. Journalism: public relations majors only.
Prereq: J 552, J 553; one from J 594, J 595.

J557. Curiosity for Strategists. 4 Credits.
Explores the building of intellectual curiosity as a problem-solving technique within the context of culture and media. Emphasis: critical thinking, readings, projects, performance. Journalism: advertising majors only.

J558. Writing Design Concepts. 4 Credits.
Conceptual problem-solving for traditional and emerging media. Emphasis: conceptual development, advertising writing, design, campaigns, presentation of developed work. Journalism: advertising majors only.

J559. Branding and Content. 4 Credits.
Capstone course on brand portfolio development for writers, art directors, and strategists. Emphasis: production, multiple-platform creative development, industry-focused portfolios. Journalism: advertising majors only.

J560. Brand Development: [Topic]. 4 Credits.
Revolving topics on emerging issues in branding and advertising, including strategies in digital and interactive brand solutions, media decision-making, and sustainability. Journalism: advertising majors only. Repeatable when topic changes.
J 556.

J561. Newspaper Editing. 4 Credits.
Copyediting, headline writing, and page design for newspapers in print and online; emphasis on grammar and style. Journalism majors only.

J562. Reporting II. 4 Credits.
In-depth reporting on public affairs and community news. Journalism majors only.

J563. Specialized Reporting. 1-4 Credits.
Reporting special topics, including the environment, business and economics, politics, health and medicine, science, and the arts; and digital and multiplatform journalism. Journalism majors only.

J566. Advanced Photojournalism: [Topic]. 4 Credits.
Intensive visual reporting techniques, with emphasis on digital production, color, lighting, in-depth storytelling, documentary, and portfolio. Majors only. Repeatable three times for a maximum of 16 credits when topic changes.

J567. Issues in International Communication: [Topic]. 4 Credits.
Topics focus on global media issues. Majors only. Repeatable twice for a maximum of 12 credits when topic changes.

J568. Advanced News Editing. 4 Credits.
Advanced training in news editing under newsroom conditions. Discussion of issues in editing, headline writing, and news judgment. Includes work with web-based journalism. Focus on teamwork. Journalism majors only.
Prereq: J 561 with a grade of mid-C or better.

J569. OR Magazine. 4 Credits.
Building skills in journalistic storytelling and multimedia production of a digital magazine for distribution via mobile devices. Repeatable once for a maximum of 8 credits.

J572. Feature Writing II. 4 Credits.
In-depth story research and advanced feature writing for print and online markets. Individual conferences. Journalism majors only.

J573. Feature Editing. 4 Credits.
In-depth story research and advanced feature writing for print and online markets. Individual conferences. Journalism majors only.

J574. Magazine Industry and Strategies. 4 Credits.
How editors plan issues and interact with colleagues in circulation, graphics, production, and advertising. Trends, strategies, and ethics. Journalism majors only.

J575. Flux Production. 1-5 Credits.
Repeatable. Planning and production of "Flux" magazine. Students make and carry out assignments, write and edit stories, take photos, shoot video, sell advertising, and design the magazine. Repeatable for a maximum of 12 credits.

J580. Public Relations: [Topic]. 4 Credits.
Addresses a specific theory, method, or issue in the study and practice of public relations, such as international practice or strategic use of new media. Repeatable thrice when topic changes for a maximum of 16 credits.

J583. The Journalistic Interview. 4 Credits.
Gathering information through asking questions. Literature and research findings on techniques of listening, nonverbal communication, and psychological dynamics of the interview relationship in journalistic situations. Journalism majors only.

J595. Research Methods: [Topic]. 4 Credits.
Uses a variety of quantitative and qualitative methods to examine concepts and processes of research used in such areas as advertising, public relations, journalism, strategic communication, and communication studies. Journalism majors only. Repeatable when topic changes for a maximum of 12 credits.

J596. Communication Ethics and Law: [Topic]. 4 Credits.
Analyses of ethical and legal issues confronting the communications industry using various ethical and legal theories, readings, and cases relevant to the specific topic. Repeatable when topic changes. Majors only.

J601. Research: [Topic]. 1-6 Credits.
Repeatable for maximum of 16 credits.

J602. Supervised College Teaching. 1-5 Credits.
Repeatable for maximum of 5 credits.

J603. Dissertation. 1-16 Credits.
Repeatable for maximum of 18 credits.

J604. Internship: [Topic]. 1-4 Credits.
Repeatable for maximum of 4 credits.

J605. Reading and Conference: [Topic]. 1-6 Credits.
Repeatable for maximum of 16 credits.

J606. Special Problems: [Topic]. 1-6 Credits.
Repeatable for maximum of 16 credits.

J607. Seminar: [Topic]. 1-5 Credits.
Repeatable.

J608. Workshop: [Topic]. 1-6 Credits.
Repeatable for maximum of 16 credits.

J609. Terminal Project. 1-6 Credits.
Repeatable for maximum of 6 credits.

J610. Experimental Course: [Topic]. 1-5 Credits.
Repeatable.

J611. Mass Communication and Society. 4 Credits.
Review of the literature of mass communication. Introduction to graduate study in journalism and communication.

J616. Introduction to Strategic Communication Marketing. 4 Credits.
Discussion of fundamental marketing concepts from the perspective of the manager. Analysis of complex marketing challenges in research, segmentation, targeting, pricing, distribution, and branding.

J617. Strategic Communication Theory and Research: [Topic]. 4 Credits.
Theory, research, and practice of strategic communication. Topics may include relationship management, risk communication, identity and culture, and social media theory. Repeatable when topic changes for a maxium of 20 credits.
Prereq: graduate standing.

J618. Strategic Communication Management. 4 Credits.
Elements of managing and leading organizations; examination of key issues faced by leaders. Topics include leadership theory, leading change, dealing with conflict, and performance and strategic management.

J619. Teaching and the Professional Life. 4 Credits.
Explores teaching strategies, curriculum development, and other aspects of academic professional life in journalism and communication.

J621. Foundations of Strategic Communication. 4 Credits.
Reviews major theories, models, and practices in strategic communications. Theoretical topics include media effects and persuasion as applied to public relations, advertising, and other strategic communication.

J623. Creativity in Strategic Communication. 4 Credits.
Explores the use of creative conceptual thinking as part of the strategic basis in successful communication campaigns.

J624. Strategic Communication: [Topic]. 2 Credits.
Explores problems and specialized skills needed in strategic communication management. Examples include crisis communication, creativity in business, corporate social responsibility. Repeatable with change in topic.

J626. Strategic Marketing Communication. 4 Credits.
Examination, evaluation, and integration of advertising, public relations, sales promotion, direct marketing, social media, sponsorship and events, packaging, customer service, and personal selling.

J638. Story and Commerce. 4 Credits.
Explores the changing face of narrative journalism as it investigates the new commercial opportunities for the professional journalist. Taught once or more per academic year.

J640. Proseminar I. 5 Credits.
Overview of theories used to study mediated communication, mass communication, and communication technologies; theory application to media processes; discussion of enduring issues in the field.
Prereq: doctoral standing.

J641. Qualitative Research Methods. 4 Credits.
Introduces qualitative research methods including traditional historical inquiry, oral history, ethnography, and participant observation.

J642. Quantitative Research Methods. 4 Credits.
Introduces and analyzes quantitative research methods in terms of design, measurement, inference, and validity. Focuses on conceptualization in communication research.

J643. Proseminar II. 5 Credits.
Seminar participants demonstrate competence in broad families of social research by drawing on skills and knowledge obtained in J 640, J 641, and J 642.
Prereq: J 640, 641, 642.

J644. Philosophy of Communication. 4 Credits.
Explores the philosophical foundations of communication in the United States, including political philosophies that range from Milton to McLuhan.

J646. Political Economy of Communication. 4 Credits.
Introduction to the political economy of communication. Includes such issues as ownership and control patterns; the role of the state; labor; intellectual property rights; and international markets.

J647. Theoretical Foundations of Communication Ethics. 4 Credits.
Exploration of ethical theories and issues related to the mass media and other relevant forms of mass communication.

J648. Cultural Approaches to Communication. 4 Credits.
Examination of communication and mediated communication as cultural processes in the production and reproduction of social systems.

J649. International Communication. 4 Credits.
Examines global communication structures and processes and their consequences. Topics include new technologies, news and information organizations, cross-cultural uses of Western media, and information policies.

J660. Advanced Research Methods: [Topic]. 4 Credits.
Explores specific qualitative or quantitative communication research methods. Topics may include discourse analysis, oral history, historical methods, legal methods, content analysis, and survey methods. Repeatable when topic changes.
Prereq: J 641 or J 642, depending on topic.

Journalism: Advertising

The University of Oregon undergraduate program is based on the premise that the best professional communicator is broadly educated. In accordance with national accrediting standards, students must take at least 104 credits in courses outside the School of Journalism and Communication. A maximum of 76 credits in the 180-credit undergraduate program may be in journalism and communication courses. Students learn about media practice and effects. They study the role of the media in society, the history of journalism, visual communication, the ethics of media practices, the economics of the media, new media technologies, international communication, diversity in the media, and the legal and social responsibilities of the media.

In addition, undergraduates take a two-term series of courses called Gateway to Media that immerses them in the fundamentals of digital storytelling, including multimedia story development and delivery across traditional, digital, and social platforms. The intent of this series of courses is to develop basic literacies and competencies for students who engage in collaborative media projects.

Majors are encouraged to consider a second major or a minor in a field related to their career goals. Preparation in a second field is a valuable addition to a student's education and enhances employability.

Many students are active in campus affairs, working for the campus newspaper; the university's radio station; the student-run advertising, design, video, and public relations agencies; the award-winning *Flux* and *Ethos* magazines; television and online programs; and alternative and online publications, including *OR Magazine*, the first student-produced iPad publication. The school also encourages them to participate in UO chapters of Ed on Campus, Ad Society, National Broadcasting Society, National Press Photographers Association, Public Relations Student Society of America, Society of Professional Journalists, and such national venues as the One Club for Art and Copy. Internships are encouraged and available at newspapers, magazines, broadcast stations, advertising agencies, public relations offices, nonprofit organizations, government offices, video production firms, online publications, and public policy offices.

The best preparation for journalism majors is a broad college-preparatory program with emphasis on language skills, English literature, economics, history, and the political and social sciences. Prospective students also benefit from the study of mathematics, statistics, computer applications, and second languages.

Community college students planning to transfer to the School of Journalism and Communication should concentrate on college-transfer courses, especially in literature, economics, and history, that fulfill university requirements and the school's general-studies requirements. Almost all professional courses are taken at the School of Journalism and Communication. Advising material is available to community college students online.

- **Bachelor of Arts**
- **Bachelor of Science**

Undergraduate Studies

The role of the school's undergraduate program is to provide students with the creative, critical, and problem-solving skills they need to become ethical, professional communicators and critical media consumers.

Premajor Admission

New students planning to major in journalism enter the university as premajors and do not need to meet special admission requirements beyond the general university requirements.

Each premajor is assigned to a journalism and communication advisor who assists in planning programs, answering questions, and tracking progress toward admission as a major and toward graduation. Students should check with an advisor at least once a year to ensure that requirements are being met. In addition, students will be assigned a faculty advisor, who will guide them through the portfolio process. The director of student services for the school supervises undergraduate academic advising.

A university student in another major may switch to a journalism premajor online on the School of Journalism and Communication website. To become a premajor, a student must have a minimum cumulative grade point average (GPA) of 2.00 for all work at the University of Oregon.

Premajor Program

Students must complete the school's premajor core curriculum, and earn grades of C or better:

J100	Media Professions	2
J101	Grammar for Communicators	2
J201	Media and Society	4
Total Credits		**8**

Admission as a Major

Admission to the School of Journalism and Communication is competitive. The faculty considers applications from premajor students who have

- completed 24 or more graded credits of course work at the University of Oregon, earning a cumulative UO GPA of at least 2.90

- completed College Composition I (WR121) and College Composition II (WR122) or College Composition III (WR123) with grades of P or C– or better
- completed the school's premajor core curriculum

A student's GPA is a major factor in the admissions decision. Students with a GPA of 3.25 or higher are guaranteed admission to the major.

Applicants with grade point averages between 2.90 and 3.24 are evaluated and judged competitively by an admissions committee as applications are received. The admissions committee considers the requirements listed above and other materials that applicants submit, including a personal statement, letters of recommendation, and a portfolio. Students with a GPA below 2.90 may petition the committee for admission. The committee has the option of waiving any of the requirements listed above if evidence of a candidate's high potential for success in the major is presented and approved.

Transfer Students

Students transferring to the University of Oregon School of Journalism and Communication enter as premajors. They apply to the University of Oregon Office of Admissions and are accepted as premajors if they meet the university's general standards for admission. To be admitted to major status, transfer students must meet the school's requirements for admission as a major (p. 580).

Transfer Credit

The School of Journalism and Communication accepts journalism credits earned at other colleges and universities as follows:

1. Credits earned at schools of journalism accredited by the Accrediting Council on Education in Journalism and Mass Communications are accepted for journalism credit and may fulfill specific course requirements
2. Journalism credits may be accepted from unaccredited journalism programs, but they may not be used to meet specific course requirements. They do count toward the 76-credit limit set by national accrediting standards
3. Regardless of the number of credits transferred, students must take at least 27 credits of journalism in residence to earn a degree from the University of Oregon
4. Students may not take more than 76 credits in journalism courses out of the 180 total credits required for a bachelor's degree. They may, however, add credits to the 180-credit total to accommodate extra journalism credits (e.g., take 186 credits to accommodate as many as 82 credits in journalism)
5. The school accepts equivalent courses taught at other colleges to meet the Media and Society (J201) requirement for application to be a major, and may accept equivalent courses to meet other core requirements if approved by the associate dean for undergraduate affairs

Transfer students who want to discuss the transfer policy may consult the associate dean, director of student services, or academic advisors.

The school offers course work leading to bachelor of arts (BA) and bachelor of science (BS) degrees. Major requirements are the same for each. Differences between the two degrees are explained under Requirements for Bachelor of Arts and Bachelor of Science in the **Bachelor's Degree Requirements** (p. 22) section of this catalog.

Bachelor of Arts in Journalism: Advertising Degree Requirements

Journalism Premajor Requirements		
J100	Media Professions	2
J101	Grammar for Communicators	2
J201	Media and Society	4
Journalism: Advertising Major Requirements		
J205	Gateway to Media I [1,2]	4
J206	Gateway to Media II [1,3]	4
J207	Gateway to Media III [4]	4
J342	The Creative Strategist	4
Select three of the following:		12
J443	Advertising Media Planning	
J444	Agency Account Management	
J457	Curiosity for Strategists	
J458	Writing Design Concepts	
J459	Branding and Content	
J460	Brand Development: [Topic]	
J448	Advertising Campaigns	4
orJ449	Advanced Advertising Campaigns	
Select two of the following: [5]		8
J320	Gender, Media, and Diversity	
J385	Communication Law	
J387	Media History	
J396	International Communication	
J397	Media Ethics	
Select two of the following: [5]		8
J412	Issues in Communication Studies: [Topic]	
J467	Issues in International Communication: [Topic]	
J495	Research Methods: [Topic]	
J496	Communication Ethics and Law: [Topic]	
General Studies Requirements		
Literature courses [6,7]		16
History courses [7]		8
Economics courses [7]		8
General studies courses in three other subject codes within the College of Arts and Sciences [7]		24
Total Credits		**112**

1 Students must earn grades of mid-C or better. Grades for Gateway to Media I (J205)and Gateway to Media II (J206)are coordinated as an 8-credit unit in which students earn the same grade for both courses. In accordance with the school's policy, students must earn a C or better in Gateway to Media I (J205) and Gateway to Media II (J206) before advancing to Gateway to Media III (J207).

2 Must be taken concurrently with Gateway to Media II (J206).

3 Must be taken concurrently with Gateway to Media I (J205).

[4] Students must take course in the term immediately following Gateway to Media I (J205) and Gateway to Media II (J206) and must earn a C or better in Gateway to Media III (J207) before advancing in the major. Students who fail to enroll in Gateway to Media III (J207) in the term immediately following Gateway to Media I (J205) and Gateway to Media II (J206) or who fail to earn a C or better must repeat Gateway to Media I (J205) and Gateway to Media II (J206).

[5] Students must take two 300-level and two 400-level context courses, such as ethics, history, law, diversity, or international communication.

[6] Courses include the following:

1. Literature courses taught by the Department of English and the Department of Comparative Literature. Courses in rhetoric, grammar, and cinema or television production do not count toward this requirement.
2. Literature courses taught in English translation by foreign-language departments or the Department of Classics or courses that are cross-listed for major credit by these departments
3. Introduction to the Humanities I-III (HUM101–103)

One of the following categories may be used to satisfy 8 credits of this requirement:

- Courses taught in a second language that are part of a student's language program of study. Foreign-language courses used to fulfill the university's bachelor of arts requirement and writing courses used to fulfill the university composition requirement may not be used to fulfill the general-studies courses requirement.
- Courses treating film or television as literature that have significant reading and writing components.

[7] Courses numbered 196, 198, 199, 399–406, or 408–410 may not be used to fulfill these requirements. In addition to the literature, history, and economics block requirements, journalism students must complete three additional blocks. Each block consists of 8 credits of a subject offered by the College of Arts and Sciences. Eligible subjects codes are AEIS, AFR, ANTH, ARB, ASIA, ASL, ASTR, BI, CAS, CH, CHN, CINE, CIS, CIT, CLAS, COLT, CRWR, DANE, EALL, EC, ENG, ENVS, ES, EURO, FINN, FLR, FR, GEOG, GEOL, GER, GRK, HBRW, HC, HIST, HPHY, HUM, INTL, ITAL, JDST, JPN, KRN, LAS, LAT, LING, LT, MATH, MDVL, NORW, PHIL, PHYS, PORT, PS, PSY, REES, REL, RL, RUSS, SCAN, SOC, SPAN, SWAH, SWED, TA, WGS, WR.

The additional blocks *can* overlap with the following requirements:

- Courses taken to fulfill the university's arts and letters, social science, and science group-satisfying requirements (unless the course is also being used for journalism requirements in literature, history or economics)
- Courses taken toward the UO bachelor of science requirement
- Minor and second major course work in the College of Arts and Sciences
- Electives in the College of Arts and Sciences

The additional blocks *cannot* overlap with the following requirements:

- First- and second-year foreign language (if used for the bachelor of arts degree)
- Writing composition (WR) classes used for the UO writing requirement
- Courses used for the literature, history, or economics requirements in journalism

This requirement and the potential for overlap with other requirements can be very complicated and highly individualized. Please speak with your academic advisor to learn about your options.

Portfolio development seminars and workshops are recommended for all advertising students.

Bachelor of Science in Journalism: Advertising Degree Requirements

Journalism Premajor Requirements		
J100	Media Professions	2
J101	Grammar for Communicators	2
J201	Media and Society	4
Journalism: Advertising Major Requirements		
J205	Gateway to Media I [1,2]	4
J206	Gateway to Media II [1,3]	4
J207	Gateway to Media III [4]	4
J342	The Creative Strategist	4
Select three of the following:		12
J443	Advertising Media Planning	
J444	Agency Account Management	
J457	Curiosity for Strategists	
J458	Writing Design Concepts	
J459	Branding and Content	
J460	Brand Development: [Topic]	
J448	Advertising Campaigns	4
orJ449	Advanced Advertising Campaigns	
Select two of the following: [5]		8
J320	Gender, Media, and Diversity	
J385	Communication Law	
J387	Media History	
J396	International Communication	
J397	Media Ethics	
Select two of the following: [5]		8
J412	Issues in Communication Studies: [Topic]	
J467	Issues in International Communication: [Topic]	
J495	Research Methods: [Topic]	
J496	Communication Ethics and Law: [Topic]	
General Studies Requirements		
Literature courses [6,7]		16
History courses [7]		8
Economics courses [7]		8
8 General studies courses in three other subject codes within the College of Arts and Sciences [7]		24
Total Credits		**112**

[1] Students must earn grades of mid-C or better. Grades for Gateway to Media I (J205)and Gateway to Media II (J206)are coordinated as an 8-credit unit in which students earn the same grade for both courses. In accordance with the school's policy, students must earn a C or better in Gateway to Media I (J205) and Gateway to Media II (J206) before advancing to Gateway to Media III (J207).

[2] Must be taken concurrently with Gateway to Media II (J206).

[3] Must be taken concurrently with Gateway to Media I (J205).

[4] Students must take course in the term immediately following Gateway to Media I (J205) and Gateway to Media II (J206) and must earn a C or better in Gateway to Media III (J207) before advancing in the major. Students who fail to enroll in Gateway to Media III (J207) in the term immediately following Gateway to Media I (J205) and Gateway to Media II (J206) or who fail to earn a C or better must repeat Gateway to Media I (J205) and Gateway to Media II (J206).

[5] Students must take two 300-level and two 400-level context courses, such as ethics, history, law, diversity, or international communication.

[6] Courses include the following:

1. Literature courses taught by the Department of English and the Department of Comparative Literature. Courses in rhetoric, grammar, and cinema or television production do not count toward this requirement.
2. Literature courses taught in English translation by foreign-language departments or the Department of Classics or courses that are cross-listed for major credit by these departments
3. Introduction to the Humanities I-III (HUM101–103)

One of the following categories may be used to satisfy 8 credits of this requirement:

- Courses taught in a second language that are part of a student's language program of study. Foreign-language courses used to fulfill the university's bachelor of arts requirement and writing courses used to fulfill the university composition requirement may not be used to fulfill the general-studies courses requirement.
- Courses treating film or television as literature that have significant reading and writing components.

[7] Courses numbered 196, 198, 199, 399–406, or 408–410 may not be used to fulfill these requirements. In addition to the literature, history, and economics block requirements, journalism students must complete three additional blocks. Each block consists of 8 credits of a subject offered by the College of Arts and Sciences. Eligible subjects codes are AEIS, AFR, ANTH, ARB, ASIA, ASL, ASTR, BI, CAS, CH, CHN, CINE, CIS, CIT, CLAS, COLT, CRWR, DANE, EALL, EC, ENG, ENVS, ES, EURO, FINN, FLR, FR, GEOG, GEOL, GER, GRK, HBRW, HC, HIST, HPHY, HUM, INTL, ITAL, JDST, JPN, KRN, LAS, LAT, LING, LT, MATH, MDVL, NORW, PHIL, PHYS, PORT, PS, PSY, REES, REL, RL, RUSS, SCAN, SOC, SPAN, SWAH, SWED, TA, WGS, WR.

The additional blocks *can* overlap with the following requirements:

- Courses taken to fulfill the university's arts and letters, social science, and science group-satisfying requirements (unless the course is also being used for journalism requirements in literature, history or economics)
- Courses taken toward the UO bachelor of science requirement
- Minor and second major course work in the College of Arts and Sciences
- Electives in the College of Arts and Sciences

The additional blocks *cannot* overlap with the following requirements:

- First- and second-year foreign language (if used for the bachelor of arts degree)
- Writing composition (WR) classes used for the UO writing requirement
- Courses used for the literature, history, or economics requirements in journalism

This requirement and the potential for overlap with other requirements can be very complicated and highly individualized. Please speak with your academic advisor to learn about your options.

Portfolio development seminars and workshops are recommended for all advertising students.

Additional Requirements

- Satisfactory completion of a minimum of 60 credits and a maximum of 76 credits in journalism, of which at least 27 must be taken at the University of Oregon School of Journalism and Communication and at least 24 must be upper division
- Satisfactory completion of at least 104 credits in academic fields other than journalism. A student who graduates with 180 credits must count no more than 76 credits (including transfer credits) in journalism toward the degree
- Students must take a minimum of 20 upper-division credits in journalism: advertising, including prerequisites
- Majors and premajors must take all school courses for letter grades unless a course is only offered pass/no pass (P/N). All graded journalism courses taken to satisfy the major must be passed with a grade of mid-C or better
- A cumulative GPA of 2.70 or better in courses taken in the School of Journalism and Communication at the time of graduation

Internship

A major may earn no more than 9 credits in Internship: [Topic] (J404).

Honors Program

The honors program provides high-achieving students the opportunity to develop analytic, creative, critical thinking and research skills in small-group, discussion-oriented courses. The program develops a small multidisciplinary community of communications scholars from all the majors within the School of Journalism and Communication.

Students take three honors courses focusing on media theory, research, or issues, which partially fulfill the context course requirement. In addition, students complete an original piece of scholarship or creative work in the senior year.

The program targets journalism majors entering their junior year whohave a minimum 3.50 cumulative UO GPA. Applications are accepted each spring for the following year's cohort.Clark Honors College students are eligible to apply. More information is available on the school's website.

Second Bachelor's Degree

Students who already have a bachelor's degree and want to earn a second bachelor's degree in the School of Journalism and Communication may apply for premajor status through the university's Office of Admissions. Upon fulfilling the requirements for application for admission, they may apply for major status. Students must complete all of the school's requirements for graduation including the school's arts and sciences requirement and university requirements for the BA or BS. Credits, including transfer credits, earned for the first bachelor's degree may count toward meeting the requirements as long as they conform to the transfer-credit policy outlined previously.

Courses

J100. Media Professions. 2 Credits.
Introduction to dynamic media and communication professions, opportunities, and issues, as well as to majors in journalism and communication.

J101. Grammar for Communicators. 2 Credits.
Intensive review of grammar, word use, spelling, and principles of clear, concise writing. Introduction to media style. Premajor status required.

J196. Field Studies: [Topic]. 1-2 Credits.
Repeatable.

J198. Colloquium: [Topic]. 1-2 Credits.
Repeatable.

J199. Special Studies: [Topic]. 1-5 Credits.
Repeatable.

J201. Media and Society. 4 Credits.
Introduction to the critical examination of the roles of media in society.

J205. Gateway to Media I. 4 Credits.
Integrates critical thinking with professional media skills needed for nonfiction storytelling in a multimedia environment. Sequence with J 206 and J 207. Majors only.
Coreq: J 206.

J206. Gateway to Media II. 4 Credits.
Integrates critical thinking, creative thinking, and basic skills for nonfiction storytelling through words, photos, audio, and video. Sequence with J 205 and J 207. Majors only.
Coreq: J 205.

J207. Gateway to Media III. 4 Credits.
Integrates critical thinking and intermediate nonfiction storytelling across media platforms. Sequence with J 205 and J 206. Majors only.
Prereq: J 205, 206.

J208. Introduction to Documentary Production. 4 Credits.
Introduction to the theory and practice of documentary production. Focuses on aesthetics, technology, research, and writing fundamentals of documentary making, covering preproduction, production and postproduction. Cinema studies majors only.
Prereq: J 201, ENG 260; two from ENG 265, 266, 267.

J209. Understanding Media. 4 Credits.
Enhances media literacy through examination of contemporary issues in media use and practice, the media as popular culture, and ways the media affect participation in public discourse. For nonmajors.

J314. Introduction to Media Studies. 4 Credits.
Presents a historical overview of the study of media, with in-depth discussion of primary theoretical approaches and their application to the current media environment. Majors only.
Prereq: J 201 with a grade of mid-C or better.

J315H. Honors Media Theory and Research. 4 Credits.
Foundation course for honors program. Introduction to seminal theories in communication; overview of methodologies used in the study of theories. Acceptance into School of Journalism and Communication honors program required for enrollment.

J320. Gender, Media, and Diversity. 4 Credits.
Critical study of the media with regard to gender, race, ethnicity, and other social divisions. Ramification and possible mechanisms of change.
Prereq: J 201 with a grade of mid-C or better.

J331. Digital Video Production. 4 Credits.
Introduction to techniques of single-camera field video production. Journalism and cinema studies majors only.
Prereq: J 207 with a grade of mid-C or better or J 208 with a grade of mid-C or better.

J333. Writing for Multimedia. 4 Credits.
Introduction to the process and practice of writing for multimedia, including print, audio-video, computer-assisted presentation, web-based applications, and striking the balance between word and image. Journalism majors or multimedia minor standing only.
Prereq: ARTD 250, 251, 252.

J340. Principles of Advertising. 4 Credits.
Role of advertising in the distribution of goods and services; the advertising agency; the campaign; research and testing; the selection of media: print, electronic, outdoor advertising, direct mailing. Not for journalism: advertising majors.

J342. The Creative Strategist. 4 Credits.
Creative approaches to ideation and strategic thinking for all advertising specialties. Emphasis on creative process, generative techniques, teamwork, career planning, industry trends. Journalism: advertising majors only.
Prereq: J 205, 206.

J350. Principles of Public Relations. 4 Credits.
Overview of public relations practice in a diverse global society, including theory, career opportunities, history, communication forms and channels, and legal and ethical concerns.

J352. Strategic Writing and Media Relations. 4 Credits.
Writing-intensive lab; students produce strategic, theory-based content for multiple media platforms using various journalistic styles and storytelling skills and incorporating ethical media-relations practices.
Prereq: J 205, 206, 207, 350 with a grade of mid-C or better.

J361. Reporting I. 4 Credits.
News gathering and writing. Extensive writing in class and outside of class in a variety of forms: news, features, interviews, multimedia scripts. Journalism majors only.
Prereq: J 205, 206 with a grade of mid-C or better.

J365. Photojournalism. 4 Credits.
Visual reporting techniques, with emphasis on practice, law, and ethics of photojournalism and photographic communication. Laboratory and portfolio-intensive. Majors only.
Prereq: J 205, J 206 with a grade of mid-C or better.

J371. Feature Writing I. 4 Credits.
Introduction to feature writing for print and online media; marketing your ideas and stories. Journalism majors only.
Prereq: J 361 with a grade of mid-C or better.

J385. Communication Law. 4 Credits.
Legal aspects of the media: constitutional freedom of expression, news gathering, access to public records, libel, privacy, copyright, advertising, electronic media regulation, and antitrust.
Prereq: J 201 with a grade of mid-C or better.

J387. Media History. 4 Credits.
The changing structure and character of the media in the United States.
Prereq: J 201 with a grade of mid-C or better.

J396. International Communication. 4 Credits.
National and cultural differences in media and information systems, global news and information flows, implications of rapid technological change, and communication and information policies.
Prereq: J 201 with a grade of mid-C or better.

J397. Media Ethics. 4 Credits.
Ethical problems in the media: privacy, violence, pornography, truth-telling, objectivity, media codes, public interest, media accountability.
Prereq: J 201 with a grade of mid-C or better.

J399. Special Studies: [Topic]. 1-5 Credits.
Repeatable.

J400M. Temporary Multilisted Course. 1-5 Credits.
Repeatable.

J401. Research: [Topic]. 1-9 Credits.
Repeatable.

J403. Thesis. 1-9 Credits.
Repeatable.

J404. Internship: [Topic]. 1-9 Credits.
Repeatable for maximum of 9 credits.

J405. Reading and Conference: [Topic]. 1-9 Credits.
Repeatable.

J406. Special Problems: [Topic]. 1-9 Credits.
Repeatable.

J407. Seminar: [Topic]. 1-4 Credits.
Repeatable.

J408. Workshop: [Topic]. 1-6 Credits.
Repeatable.

J409. Practicum: [Topic]. 1-4 Credits.
Repeatable.

J410. Experimental Course: [Topic]. 1-4 Credits.
Repeatable.

J412. Issues in Communication Studies: [Topic]. 4 Credits.
Uses a variety of theories and methods to examine specific aspects of media content, processes, and audiences. Repeatable when topic changes. Majors only.
Prereq: J 201 with a grade of mid-C or better.

J413. Communication Studies Capstone. 4 Credits.
Draws on skills and knowledge learned in other communications studies and related courses to demonstrate competence in broad areas of research.
Prereq: J 314 for 4 credits with grade of mid-C or better.

J416. Survey of the Documentary. 4 Credits.
Historical and critical survey of the documentary as a form of artistic expression and an instrument of social commentary. Majors, cinema studies majors, and communication studies minors only.
Prereq: J 201 with grade of mid-C or better.

J421. Documentary Production. 4 Credits.
Workshop in preparation, shooting, and postproduction of the short documentary. Journalism and cinema studies majors only.
Prereq: J 331 with a grade of mid-C or better.

J424H. Honors Theory and Research: [Topic]. 4 Credits.
Uses a variety of theories and methods to closely examine and analyze contemporary problems and situations in media and communications. Acceptance into School of Journalism and Communication honors program required for enrollment. Repeatable once when topic changes for a maximum of 8 credits.

J427M. Latino Roots I. 4 Credits.
Documents Latino history in the racial history of what is now Oregon since 1500 and teaches students to conduct oral history interviews. Multilisted with ANTH 427M/527M. Sequence with J 428M/528M. Offered alternate years.

J428M. Latino Roots II. 4 Credits.
Continuation of Latino Roots I, designed for producing a short documentary using oral history as the story. Covers basic theory and practice of digital film-video documentary production. Multilisted with ANTH 428M/528M. Sequence with J 427M/527M. Offered alternate years.
Prereq: J 427M.

J432. Reporting for Electronic Media. 4 Credits.
Training in gathering, production, and presentation of news for the electronic media. Journalism majors only.
Prereq: J 331, J 361 with a grade of mid-C or better.

J434. Advanced Television News. 4 Credits.
News gathering and production for television. Students produce live programming for local cable systems. Journalism majors only.
Prereq: J 331, J 361, J 432 with a grade of mid-C or better.

J436. Media Design: [Topic]. 4 Credits.
Focuses on issues and techniques in picture and graphic editing, typography, and work-picture composition and interaction for long-form visual storytelling across legacy- and emerging-media platforms. Repeatable twice for a maximum of 12 credits.
Prereq: J 361 with a mid-C or better.

J443. Advertising Media Planning. 4 Credits.
Objectives and strategy for determining effective methods of reaching a designated target audience. Use of media measurement tools. Journalism: advertising majors only.
Prereq: J 207, 342 with a grade of mid-C or better.

J444. Agency Account Management. 4 Credits.
The role of the account executive in the advertising agency examined through case studies. Journalism: advertising majors only.
Prereq: J 205, 206, 207, 342 with a grade of mid-C or better.

J448. Advertising Campaigns. 4 Credits.
Seniors produce a comprehensive campaign involving every aspect of advertising, ranging from market research through creative and media strategy formulation to execution. Journalism: advertising majors only.
Prereq: three from J 443/543, 444/544, 457/557, 458/558, 459/559, 460/560 with a grade of mid-C or better.

J449. Advanced Advertising Campaigns. 5 Credits.
Team experience of creating a professional-level advertising plan. Students participate in a national competition. Journalism: advertising majors only.

J452. Strategic Public Relations Communication. 4 Credits.
Advanced writing lab emphasizing business communication, direct-to-consumer strategies and techniques, and effective use of web-based communication strategies. Journalism: public relations majors only.
Prereq: J 352 with a grade of mid-C or better.

J453. Strategic Planning and Cases. 4 Credits.
Campaign planning, administration, crisis communication, and issues management, encompassing research, writing objectives and tactics, evaluation methods, and constructing budgets and timelines. Journalism: public relations majors only.
Prereq: J 352 with a grade of mid-C or better.

J454. Public Relations Campaigns. 4 Credits.
Capstone course applying theory, skills, and a team-based approach to researching, planning, presenting, and implementing a campaign for a client. Professional portfolios presented and reviewed. Journalism: public relations majors only.
Prereq: J 452, J 453; one from J 494, J 495 with a grade of mid-C or better.

J457. Curiosity for Strategists. 4 Credits.
Explores the building of intellectual curiosity as a problem-solving technique within the context of culture and media. Emphasis: critical thinking, readings, projects, performance. Journalism: advertising majors only.
Prereq: J 205, 206, 207, 342 with a grade of mid-C or better.

J458. Writing Design Concepts. 4 Credits.
Conceptual problem-solving for traditional and emerging media. Emphasis: conceptual development, advertising writing, design, campaigns, presentation of developed work. Journalism: advertising majors only.
Prereq: J 205, 206, 207, 342 with a grade of mid-C or better.

J459. Branding and Content. 4 Credits.
Capstone course on brand portfolio development for writers, art directors, and strategists. Emphasis: production, multiple-platform creative development, industry-focused portfolios. For Journalism: advertising majors only.
Prereq: J 205, 206, 207, 342 with a grade of mid-C or better.

J460. Brand Development: [Topic]. 4 Credits.
Revolving topics on emerging issues in branding and advertising, including strategies in digital and interactive brand solutions, media decision-making, and sustainability. Journalism: advertising majors only. Repeatable when topic changes.
Prereq: J 205, 206, 207, 342 with a grade of mid-C or better.

J461. Newspaper Editing. 4 Credits.
Copyediting, headline writing, and page design for newspapers in print and online; emphasis on grammar and style. Journalism majors only.
Prereq: J 361 or equivalent with a grade of mid-C or better.

J462. Reporting II. 4 Credits.
In-depth reporting on public affairs and community news. Journalism majors only.
Prereq: J 361 with a grade of mid-C or better.

J463. Specialized Reporting: [Topic]. 1-4 Credits.
Reporting special topics, including the environment, business and economics, politics, health and medicine, science, and the arts; and digital and multiplatform journalism. Journalism majors only. Repeatable.
Prereq: J 361 with a grade of mid-C or better.

J466. Advanced Photojournalism: [Topic]. 4 Credits.
Intensive visual reporting techniques, with emphasis on digital production, color, lighting, in-depth storytelling, documentary, and portfolio. Majors only. Repeatable three times for a maximum of 16 credits when topic changes.
Prereq: J 365 with a grade of mid-C or better.

J467. Issues in International Communication: [Topic]. 4 Credits.
Topics focus on global media issues. Majors and minors only; cinema studies majors for approved topics. Repeatable twice for a maximum of 12 credits when topic changes.
Prereq: J 201 with a grade of mid-C or better.

J468. Advanced News Editing. 4 Credits.
Advanced training in news editing under newsroom conditions. Discussion of issues in editing, headline writing, and news judgment. Includes work with web-based journalism. Focus on teamwork. Journalism majors only.
Prereq: J 461 with a grade of mid-C or better.

J469. OR Magazine. 4 Credits.
Building skills in journalistic storytelling and multimedia production of a digital magazine for distribution via mobile devices. Repeatable once for a maximum of 8 credits.

J472. Feature Writing II. 4 Credits.
In-depth story research and advanced feature writing for print and online markets. Individual conferences. Journalism majors only.
Prereq: J 361, J 371 with a grade of mid-C or better.

J473. Feature Editing. 4 Credits.
In-depth story research and advanced feature writing for print and online markets. Individual conferences. Journalism majors only.
Prereq: J 361, J 371 with a grade of mid-C or better.

J474. Magazine Industry and Strategies. 4 Credits.
How editors plan issues and interact with colleagues in circulation, graphics, production, and advertising. Trends, strategies, and ethics. Journalism majors only.
Prereq: J 361, J 371 with a grade of mid-C or better.

J475. Flux Production. 1-5 Credits.
Repeatable. Planning and production of "Flux" magazine. Students make and carry out assignments, write and edit stories, take photos, shoot video, sell advertising, and design the magazine. Repeatable for a maximum of 12 credits.
Prereq: J 361 with a grade of mid-C or better.

J480. Public Relations: [Topic]. 4 Credits.
Addresses a specific theory, method, or issue in the study and practice of public relations, such as international practice or strategic use of new media. Repeatable thrice when topic changes for a maximum of 16 credits.

J483. The Journalistic Interview. 4 Credits.
Gathering information through asking questions. Literature and research findings on techniques of listening, nonverbal communication, and psychological dynamics of the interview relationship in journalistic situations. Journalism majors only.
Prereq: J 361 with a grade of mid-C or better.

J494. Strategic Communications Research. 4 Credits.
Introduction to how and why research is conducted and used by public relations and advertising professionals to formulate strategic campaigns and evaluate their effectiveness. Majors only.
Prereq: J 342 or J 350.

J495. Research Methods: [Topic]. 4 Credits.
Uses a variety of quantitative and qualitative methods to examine concepts and processes of research used in such areas as advertising, public relations, journalism, strategic communication, and communication studies. Majors and minors only. Repeatable when topic changes for a maximum of 12 credits.
Prereq: J 201 with a grade of mid-C or better.

J496. Communication Ethics and Law: [Topic]. 4 Credits.
Analyses of ethical and legal issues confronting the communications industry using various ethical and legal theories, readings, and cases relevant to the specific topic. Repeatable when topic changes. Majors and minors only.
Prereq: J 201 with a grade of mid-C or better.

J503. Thesis. 1-9 Credits.
Repeatable.

J507. Seminar: [Topic]. 1-4 Credits.
Repeatable.

J508. Workshop: [Topic]. 1-6 Credits.
Repeatable.

J510. Experimental Course: [Topic]. 1-4 Credits.
Repeatable.

J512. Issues in Communication Studies: [Topic]. 4 Credits.
Uses a variety of theories and methods to examine specific aspects of media content, processes, and audiences. Repeatable when topic changes. Majors only.

J516. Survey of the Documentary. 4 Credits.
Historical and critical survey of the documentary as a form of artistic expression and an instrument of social commentary. Majors, cinema studies majors, and communication studies minors only.

J521. Documentary Production. 4 Credits.
Workshop in preparation, shooting, and postproduction of the short documentary. Journalism and cinema studies majors only.

J527M. Latino Roots I. 4 Credits.
Documents Latino history in the racial history of what is now Oregon since 1500 and teaches students to conduct oral history interviews. Multilisted with ANTH 427M/527M. Sequence with J 428M/528M. Offered alternate years.

J528M. Latino Roots II. 4 Credits.
Continuation of Latino Roots I, designed for producing a short documentary using oral history as the story. Covers basic theory and practice of digital film-video documentary production. Multilisted with ANTH 428M/528M. Sequence with J 427M/527M. Offered alternate years.
Prereq: J 527M.

J532. Reporting for Electronic Media. 4 Credits.
Training in gathering, production, and presentation of news for the electronic media. Journalism majors only.

J534. Advanced Television News. 4 Credits.
News gathering and production for television. Students produce live programming for local cable systems. Journalism majors only.
Prereq: J 532 with a grade of mid-C or better.

J536. Media Design: [Topic]. 4 Credits.
Focuses on issues and techniques in picture and graphic editing, typography, and work-picture composition and interaction for long-form visual storytelling across legacy- and emerging-media platforms. Repeatable twice for a maximum of 12 credits.

J543. Advertising Media Planning. 4 Credits.
Objectives and strategy for determining effective methods of reaching a designated target audience. Use of media measurement tools. Journalism: advertising majors only.

J544. Agency Account Management. 4 Credits.
The role of the account executive in the advertising agency examined through case studies. Journalism: advertising majors only.

J548. Advertising Campaigns. 4 Credits.
Graduate students produce a comprehensive campaign involving every aspect of advertising, ranging from market research through creative and media strategy formulation to execution. Journalism: advertising majors only.
Prereq: three from J 443/543, 444/544, 456/556, 457/557, 458/558, 459/559, 460/560.

J549. Advanced Advertising Campaigns. 5 Credits.
Team experience of creating a professional-level advertising plan. Students participate in a national competition. Journalism: advertising majors only.

J552. Strategic Public Relations Communication. 4 Credits.
Advanced writing lab emphasizing business communication, direct-to-consumer strategies and techniques, and effective use of web-based communication strategies. Journalism: public relations majors only.

J553. Strategic Planning and Cases. 4 Credits.
Campaign planning, administration, crisis communication, and issues management, encompassing research, writing objectives and tactics, evaluation methods, and constructing budgets and timelines. Journalism: public relations majors only.

J554. Public Relations Campaigns. 4 Credits.
Capstone course applying theory, skills, and a team-based approach to researching, planning, presenting, and implementing a campaign for a client. Professional portfolios presented and reviewed. Journalism: public relations majors only.
Prereq: J 552, J 553; one from J 594, J 595.

J557. Curiosity for Strategists. 4 Credits.
Explores the building of intellectual curiosity as a problem-solving technique within the context of culture and media. Emphasis: critical thinking, readings, projects, performance. Journalism: advertising majors only.

J558. Writing Design Concepts. 4 Credits.
Conceptual problem-solving for traditional and emerging media. Emphasis: conceptual development, advertising writing, design, campaigns, presentation of developed work. Journalism: advertising majors only.

J559. Branding and Content. 4 Credits.
Capstone course on brand portfolio development for writers, art directors, and strategists. Emphasis: production, multiple-platform creative development, industry-focused portfolios. Journalism: advertising majors only.

J560. Brand Development: [Topic]. 4 Credits.
Revolving topics on emerging issues in branding and advertising, including strategies in digital and interactive brand solutions, media decision-making, and sustainability. Journalism: advertising majors only. Repeatable when topic changes.
J 556.

J561. Newspaper Editing. 4 Credits.
Copyediting, headline writing, and page design for newspapers in print and online; emphasis on grammar and style. Journalism majors only.

J562. Reporting II. 4 Credits.
In-depth reporting on public affairs and community news. Journalism majors only.

J563. Specialized Reporting. 1-4 Credits.
Reporting special topics, including the environment, business and economics, politics, health and medicine, science, and the arts; and digital and multiplatform journalism. Journalism majors only.

J566. Advanced Photojournalism: [Topic]. 4 Credits.
Intensive visual reporting techniques, with emphasis on digital production, color, lighting, in-depth storytelling, documentary, and portfolio. Majors only. Repeatable three times for a maximum of 16 credits when topic changes.

J567. Issues in International Communication: [Topic]. 4 Credits.
Topics focus on global media issues. Majors only. Repeatable twice for a maximum of 12 credits when topic changes.

J568. Advanced News Editing. 4 Credits.
Advanced training in news editing under newsroom conditions. Discussion of issues in editing, headline writing, and news judgment. Includes work with web-based journalism. Focus on teamwork. Journalism majors only.
Prereq: J 561 with a grade of mid-C or better.

J569. OR Magazine. 4 Credits.
Building skills in journalistic storytelling and multimedia production of a digital magazine for distribution via mobile devices. Repeatable once for a maximum of 8 credits.

J572. Feature Writing II. 4 Credits.
In-depth story research and advanced feature writing for print and online markets. Individual conferences. Journalism majors only.

J573. Feature Editing. 4 Credits.
In-depth story research and advanced feature writing for print and online markets. Individual conferences. Journalism majors only.

J574. Magazine Industry and Strategies. 4 Credits.
How editors plan issues and interact with colleagues in circulation, graphics, production, and advertising. Trends, strategies, and ethics. Journalism majors only.

J575. Flux Production. 1-5 Credits.
Repeatable. Planning and production of "Flux" magazine. Students make and carry out assignments, write and edit stories, take photos, shoot video, sell advertising, and design the magazine. Repeatable for a maximum of 12 credits.

J580. Public Relations: [Topic]. 4 Credits.
Addresses a specific theory, method, or issue in the study and practice of public relations, such as international practice or strategic use of new media. Repeatable thrice when topic changes for a maximum of 16 credits.

J583. The Journalistic Interview. 4 Credits.
Gathering information through asking questions. Literature and research findings on techniques of listening, nonverbal communication, and psychological dynamics of the interview relationship in journalistic situations. Journalism majors only.

J595. Research Methods: [Topic]. 4 Credits.
Uses a variety of quantitative and qualitative methods to examine concepts and processes of research used in such areas as advertising, public relations, journalism, strategic communication, and communication studies. Journalism majors only. Repeatable when topic changes for a maximum of 12 credits.

J596. Communication Ethics and Law: [Topic]. 4 Credits.
Analyses of ethical and legal issues confronting the communications industry using various ethical and legal theories, readings, and cases relevant to the specific topic. Repeatable when topic changes. Majors only.

J601. Research: [Topic]. 1-6 Credits.
Repeatable for maximum of 16 credits.

J602. Supervised College Teaching. 1-5 Credits.
Repeatable for maximum of 5 credits.

J603. Dissertation. 1-16 Credits.
Repeatable for maximum of 18 credits.

J604. Internship: [Topic]. 1-4 Credits.
Repeatable for maximum of 4 credits.

J605. Reading and Conference: [Topic]. 1-6 Credits.
Repeatable for maximum of 16 credits.

J606. Special Problems: [Topic]. 1-6 Credits.
Repeatable for maximum of 16 credits.

J607. Seminar: [Topic]. 1-5 Credits.
Repeatable.

J608. Workshop: [Topic]. 1-6 Credits.
Repeatable for maximum of 16 credits.

J609. Terminal Project. 1-6 Credits.
Repeatable for maximum of 6 credits.

J610. Experimental Course: [Topic]. 1-5 Credits.
Repeatable.

J611. Mass Communication and Society. 4 Credits.
Review of the literature of mass communication. Introduction to graduate study in journalism and communication.

J616. Introduction to Strategic Communication Marketing. 4 Credits.
Discussion of fundamental marketing concepts from the perspective of the manager. Analysis of complex marketing challenges in research, segmentation, targeting, pricing, distribution, and branding.

J617. Strategic Communication Theory and Research: [Topic]. 4 Credits.
Theory, research, and practice of strategic communication. Topics may include relationship management, risk communication, identity and culture, and social media theory. Repeatable when topic changes for a maxium of 20 credits.
Prereq: graduate standing.

J618. Strategic Communication Management. 4 Credits.
Elements of managing and leading organizations; examination of key issues faced by leaders. Topics include leadership theory, leading change, dealing with conflict, and performance and strategic management.

J619. Teaching and the Professional Life. 4 Credits.
Explores teaching strategies, curriculum development, and other aspects of academic professional life in journalism and communication.

J621. Foundations of Strategic Communication. 4 Credits.
Reviews major theories, models, and practices in strategic communications. Theoretical topics include media effects and persuasion as applied to public relations, advertising, and other strategic communication.

J623. Creativity in Strategic Communication. 4 Credits.
Explores the use of creative conceptual thinking as part of the strategic basis in successful communication campaigns.

J624. Strategic Communication: [Topic]. 2 Credits.
Explores problems and specialized skills needed in strategic communication management. Examples include crisis communication, creativity in business, corporate social responsibility. Repeatable with change in topic.

J626. Strategic Marketing Communication. 4 Credits.
Examination, evaluation, and integration of advertising, public relations, sales promotion, direct marketing, social media, sponsorship and events, packaging, customer service, and personal selling.

J638. Story and Commerce. 4 Credits.
Explores the changing face of narrative journalism as it investigates the new commercial opportunities for the professional journalist. Taught once or more per academic year.

J640. Proseminar I. 5 Credits.
Overview of theories used to study mediated communication, mass communication, and communication technologies; theory application to media processes; discussion of enduring issues in the field.
Prereq: doctoral standing.

J641. Qualitative Research Methods. 4 Credits.
Introduces qualitative research methods including traditional historical inquiry, oral history, ethnography, and participant observation.

J642. Quantitative Research Methods. 4 Credits.
Introduces and analyzes quantitative research methods in terms of design, measurement, inference, and validity. Focuses on conceptualization in communication research.

J643. Proseminar II. 5 Credits.
Seminar participants demonstrate competence in broad families of social research by drawing on skills and knowledge obtained in J 640, J 641, and J 642.
Prereq: J 640, 641, 642.

J644. Philosophy of Communication. 4 Credits.
Explores the philosophical foundations of communication in the United States, including political philosophies that range from Milton to McLuhan.

J646. Political Economy of Communication. 4 Credits.
Introduction to the political economy of communication. Includes such issues as ownership and control patterns; the role of the state; labor; intellectual property rights; and international markets.

J647. Theoretical Foundations of Communication Ethics. 4 Credits.
Exploration of ethical theories and issues related to the mass media and other relevant forms of mass communication.

J648. Cultural Approaches to Communication. 4 Credits.
Examination of communication and mediated communication as cultural processes in the production and reproduction of social systems.

J649. International Communication. 4 Credits.
Examines global communication structures and processes and their consequences. Topics include new technologies, news and information organizations, cross-cultural uses of Western media, and information policies.

J660. Advanced Research Methods: [Topic]. 4 Credits.
Explores specific qualitative or quantitative communication research methods. Topics may include discourse analysis, oral history, historical methods, legal methods, content analysis, and survey methods. Repeatable when topic changes.
Prereq: J 641 or J 642, depending on topic.

Journalism: Media Studies

The University of Oregon undergraduate program is based on the premise that the best professional communicator is broadly educated. In accordance with national accrediting standards, students must take at least 104 credits in courses outside the School of Journalism and Communication. A maximum of 76 credits in the 180-credit undergraduate program may be in journalism and communication courses. Students learn about media practice and effects. They study the role of the media in society, the history of journalism, visual communication, the ethics of media practices, the economics of the media, new media technologies, international communication, diversity in the media, and the legal and social responsibilities of the media.

In addition, undergraduates take a two-term series of courses called Gateway to Media that immerses them in the fundamentals of digital storytelling, including multimedia story development and delivery across traditional, digital, and social platforms. The intent of this series of courses is to develop basic literacies and competencies for students who engage in collaborative media projects.

Majors are encouraged to consider a second major or a minor in a field related to their career goals. Preparation in a second field is a valuable addition to a student's education and enhances employability.

Many students are active in campus affairs, working for the campus newspaper; the university's radio station; the student-run advertising, design, video, and public relations agencies; the award-winning *Flux* and *Ethos* magazines; television and online programs; and alternative and online publications, including *OR Magazine*, the first student-produced iPad publication. The school also encourages them to participate in UO chapters of Ed on Campus, Ad Society, National Broadcasting Society, National Press Photographers Association, Public Relations Student Society of America, Society of Professional Journalists, and such national venues as the One Club for Art and Copy. Internships are encouraged and available at newspapers, magazines, broadcast stations, advertising agencies, public relations offices, nonprofit organizations, government offices, video production firms, online publications, and public policy offices.

The best preparation for journalism majors is a broad college-preparatory program with emphasis on language skills, English literature, economics, history, and the political and social sciences. Prospective students also benefit from the study of mathematics, statistics, computer applications, and second languages.

Community college students planning to transfer to the School of Journalism and Communication should concentrate on college-transfer courses, especially in literature, economics, and history, that fulfill university requirements and the school's general-studies requirements. Almost all professional courses are taken at the School of Journalism and Communication. Advising material is available to community college students online.

- **Bachelor of Arts**
- **Bachelor of Science**

Undergraduate Studies

The role of the school's undergraduate program is to provide students with the creative, critical, and problem-solving skills they need to become ethical, professional communicators and critical media consumers.

Premajor Admission

New students planning to major in journalism enter the university as premajors and do not need to meet special admission requirements beyond the general university requirements.

Each premajor is assigned to a journalism and communication advisor who assists in planning programs, answering questions, and tracking progress toward admission as a major and toward graduation. Students should check with an advisor at least once a year to ensure that requirements are being met. In addition, students will be assigned a faculty advisor, who will guide them through the portfolio process. The director of student services for the school supervises undergraduate academic advising.

A university student in another major may switch to a journalism premajor online on the School of Journalism and Communication website. To become a premajor, a student must have a minimum cumulative grade point average (GPA) of 2.00 for all work at the University of Oregon.

Premajor Program

Students must complete the school's premajor core curriculum, and earn grades of C or better:

J100	Media Professions	2
J101	Grammar for Communicators	2
J201	Media and Society	4
Total Credits		**8**

Admission as a Major

Admission to the School of Journalism and Communication is competitive. The faculty considers applications from premajor students who have

- completed 24 or more graded credits of course work at the University of Oregon, earning a cumulative UO GPA of at least 2.90
- completed College Composition I (WR121) and College Composition II (WR122) or College Composition III (WR123) with grades of P or C– or better
- completed the school's premajor core curriculum

A student's GPA is a major factor in the admissions decision. Students with a GPA of 3.25 or higher are guaranteed admission to the major.

Applicants with grade point averages between 2.90 and 3.24 are evaluated and judged competitively by an admissions committee as applications are received. The admissions committee considers the requirements listed above and other materials that applicants submit, including a personal statement, letters of recommendation, and a portfolio. Students with a GPA below 2.90 may petition the committee for admission. The committee has the option of waiving any of the requirements listed above if evidence of a candidate's high potential for success in the major is presented and approved.

Transfer Students

Students transferring to the University of Oregon School of Journalism and Communication enter as premajors. They apply to the University of Oregon Office of Admissions and are accepted as premajors if they meet the university's general standards for admission. To be admitted to major status, transfer students must meet the school's requirements for admission as a major (p. 590).

Transfer Credit

The School of Journalism and Communication accepts journalism credits earned at other colleges and universities as follows:

1. Credits earned at schools of journalism accredited by the Accrediting Council on Education in Journalism and Mass Communications are accepted for journalism credit and may fulfill specific course requirements
2. Journalism credits may be accepted from unaccredited journalism programs, but they may not be used to meet specific course requirements. They do count toward the 76-credit limit set by national accrediting standards
3. Regardless of the number of credits transferred, students must take at least 27 credits of journalism in residence to earn a degree from the University of Oregon
4. Students may not take more than 76 credits in journalism courses out of the 180 total credits required for a bachelor's degree. They may, however, add credits to the 180-credit total to accommodate extra journalism credits (e.g., take 186 credits to accommodate as many as 82 credits in journalism)
5. The school accepts equivalent courses taught at other colleges to meet the Media and Society (J201) requirement for application to be a major, and may accept equivalent courses to meet other core requirements if approved by the associate dean for undergraduate affairs

Transfer students who want to discuss the transfer policy may consult the associate dean, director of student services, or academic advisors.

The school offers course work leading to bachelor of arts (BA) and bachelor of science (BS) degrees. Major requirements are the same for each. Differences between the two degrees are explained under Requirements for Bachelor of Arts and Bachelor of Science in the **Bachelor's Degree Requirements** (p. 22) section of this catalog.

Bachelor of Arts in Journalism: Media Studies Degree Requirements

Journalism Premajor Requirements		
J100	Media Professions	2
J101	Grammar for Communicators	2
J201	Media and Society	4
Journalism: Media Studies Major Requirements		
J205	Gateway to Media I [1,2]	4
J206	Gateway to Media II [1,3]	4
J207	Gateway to Media III [4]	4
J314	Introduction to Media Studies	4
Select three of the following: [5]		12
J320	Gender, Media, and Diversity	
J385	Communication Law	
J387	Media History	
J396	International Communication	
J397	Media Ethics	
Select three of the following: [5]		12
J412	Issues in Communication Studies: [Topic]	
J467	Issues in International Communication: [Topic]	
J495	Research Methods: [Topic]	
J496	Communication Ethics and Law: [Topic]	
Course approved by advisor in any form of media production		4
J413	Communication Studies Capstone	4
General Studies Requirements [6]		
Literature courses [7,8]		16
History courses [8]		8
Economics courses [8]		8
General studies courses in three other subject codes within the College of Arts and Sciences [8]		24
Total Credits		**112**

1 Students must earn grades of mid-C or better. Grades for Gateway to Media I (J205)and Gateway to Media II (J206)are coordinated as an 8-credit unit in which students earn the same grade for both courses. In accordance with the school's policy, students must earn a C or better in Gateway to Media I (J205) and Gateway to Media II (J206) before advancing to Gateway to Media III (J207).

2 Must be taken concurrently with Gateway to Media II (J206).

[3] Must be taken concurrently with Gateway to Media I (J205).

[4] Students must take course in the term immediately following Gateway to Media I (J205) and Gateway to Media II (J206) and must earn a C or better in Gateway to Media III (J207) before advancing in the major. Students who fail to enroll in Gateway to Media III (J207) in the term immediately following Gateway to Media I (J205) and Gateway to Media II (J206) or who fail to earn a C or better must repeat Gateway to Media I (J205) and Gateway to Media II (J206).

[5] Students must take three 300-level and three 400-level context courses, such as ethics, history, law, diversity, or international communication.

[6] Students must complete at least 104 nonjournalism credits.

[7] Courses include the following:

1. Literature courses taught by the Department of English and the Department of Comparative Literature. Courses in rhetoric, grammar, and cinema- or television-making do not count toward this requirement.
2. Literature courses taught in English translation by foreign-language departments or the Department of Classics or courses that are cross-listed for major credit by these departments
3. Introduction to the Humanities I-III (HUM101–103)

One of the following categories may be used to satisfy 8 credits of this requirement:

- Courses taught in a second language that are part of a student's language program of study. Foreign-language courses used to fulfill the university's bachelor of arts requirement and writing courses used to fulfill the university composition requirement may not be used to fulfill the general-studies courses requirement.
- Courses treating film or television as literature that have significant reading and writing components.

[8] Courses numbered 196, 198, 199, 399–406, or 408–410 may not be used to fulfill these requirements. In addition to the literature, history, and economics block requirements, journalism students must complete three additional blocks. Each block consists of 8 credits of a subject offered by the College of Arts and Sciences. Eligible subjects codes are AEIS, AFR, ANTH, ARB, ASIA, ASL, ASTR, BI, CAS, CH, CHN, CINE, CIS, CIT, CLAS, COLT, CRWR, DANE, EALL, EC, ENG, ENVS, ES, EURO, FINN, FLR, FR, GEOG, GEOL, GER, GRK, HBRW, HC, HIST, HPHY, HUM, INTL, ITAL, JDST, JPN, KRN, LAS, LAT, LING, LT, MATH, MDVL, NORW, PHIL, PHYS, PORT, PS, PSY, REES, REL, RL, RUSS, SCAN, SOC, SPAN, SWAH, SWED, TA, WGS, WR.

The additional blocks *can* overlap with the following requirements:

- Courses taken to fulfill the university's arts and letters, social science, and science group-satisfying requirements (unless the course is also being used for journalism requirements in literature, history or economics)
- Courses taken toward the UO bachelor of science requirement
- Minor and second major course work in the College of Arts and Sciences
- Electives in the College of Arts and Sciences

The additional blocks *cannot* overlap with the following requirements:

- First- and second-year foreign language (if used for the bachelor of arts degree)
- Writing composition (WR) classes used for the UO writing requirement
- Courses used for the literature, history, or economics requirements in journalism

This requirement and the potential for overlap with other requirements can be very complicated and highly individualized. Please speak with your academic advisor to learn about your options.

Bachelor of Science in Journalism: Media Studies Degree Requirements

Journalism Premajor Requirements		
J100	Media Professions	2
J101	Grammar for Communicators	2
J201	Media and Society	4
Journalism: Media Studies Major Requirements		
J205	Gateway to Media I [1,2]	4
J206	Gateway to Media II [1,3]	4
J207	Gateway to Media III [4]	4
J314	Introduction to Media Studies	4
Select three of the following: [5]		12
J320	Gender, Media, and Diversity	
J385	Communication Law	
J387	Media History	
J396	International Communication	
J397	Media Ethics	
Select three of the following: [5]		12
J412	Issues in Communication Studies: [Topic]	
J467	Issues in International Communication: [Topic]	
J495	Research Methods: [Topic]	
J496	Communication Ethics and Law: [Topic]	
Course approved by advisor in any form of media production		4
J413	Communication Studies Capstone	4
General Studies Requirements [6]		
Literature courses [7,8]		16
History courses [8]		8
Economics courses [8]		8
General studies courses in three other subject codes within the College of Arts and Sciences [8]		24
Total Credits		**112**

[1] Students must earn grades of mid-C or better. Grades for Gateway to Media I (J205)and Gateway to Media II (J206)are coordinated as an 8-credit unit in which students earn the same grade for both courses. In accordance with the school's policy, students must earn a C or better in Gateway to Media I (J205) and Gateway to Media II (J206) before advancing to Gateway to Media III (J207).

[2] Must be taken concurrently with Gateway to Media II (J206).

[3] Must be taken concurrently with Gateway to Media I (J205).

[4] Students must take course in the term immediately following Gateway to Media I (J205) and Gateway to Media II (J206) and must earn a C or better in Gateway to Media III (J207) before advancing in the major. Students who fail to enroll in Gateway to Media III (J207) in the term immediately following Gateway to Media I (J205) and Gateway to Media II (J206) or who fail to earn a C or better must repeat Gateway to Media I (J205) and Gateway to Media II (J206).

[5] Students must take three 300-level and three 400-level context courses, such as ethics, history, law, diversity, or international communication.

[6] Students must complete at least 104 nonjournalism credits.

7 Courses include the following:

1. Literature courses taught by the Department of English and the Department of Comparative Literature. Courses in rhetoric, grammar, and cinema- or television-making do not count toward this requirement.
2. Literature courses taught in English translation by foreign-language departments or the Department of Classics or courses that are cross-listed for major credit by these departments
3. Introduction to the Humanities I-III (HUM101–103)

One of the following categories may be used to satisfy 8 credits of this requirement:

- Courses taught in a second language that are part of a student's language program of study. Foreign-language courses used to fulfill the university's bachelor of arts requirement and writing courses used to fulfill the university composition requirement may not be used to fulfill the general-studies courses requirement.
- Courses treating film or television as literature that have significant reading and writing components.

8 Courses numbered 196, 198, 199, 399–406, or 408–410 may not be used to fulfill these requirements. In addition to the literature, history, and economics block requirements, journalism students must complete three additional blocks. Each block consists of 8 credits of a subject offered by the College of Arts and Sciences. Eligible subjects codes are AEIS, AFR, ANTH, ARB, ASIA, ASL, ASTR, BI, CAS, CH, CHN, CINE, CIS, CIT, CLAS, COLT, CRWR, DANE, EALL, EC, ENG, ENVS, ES, EURO, FINN, FLR, FR, GEOG, GEOL, GER, GRK, HBRW, HC, HIST, HPHY, HUM, INTL, ITAL, JDST, JPN, KRN, LAS, LAT, LING, LT, MATH, MDVL, NORW, PHIL, PHYS, PORT, PS, PSY, REES, REL, RL, RUSS, SCAN, SOC, SPAN, SWAH, SWED, TA, WGS, WR.

The additional blocks *can* overlap with the following requirements:

- Courses taken to fulfill the university's arts and letters, social science, and science group-satisfying requirements (unless the course is also being used for journalism requirements in literature, history or economics)
- Courses taken toward the UO bachelor of science requirement
- Minor and second major course work in the College of Arts and Sciences
- Electives in the College of Arts and Sciences

The additional blocks *cannot* overlap with the following requirements:

- First- and second-year foreign language (if used for the bachelor of arts degree)
- Writing composition (WR) classes used for the UO writing requirement
- Courses used for the literature, history, or economics requirements in journalism

This requirement and the potential for overlap with other requirements can be very complicated and highly individualized. Please speak with your academic advisor to learn about your options.

Additional Requirements

- Satisfactory completion of a minimum of 60 credits and a maximum of 76 credits in journalism, of which at least 27 must be taken at the University of Oregon School of Journalism and Communication and at least 24 must be upper division
- Satisfactory completion of at least 104 credits in academic fields other than journalism. A student who graduates with 180 credits must count no more than 76 credits (including transfer credits) in journalism toward the degree
- Students must take a minimum of 20 upper-division credits in journalism: media studies, including prerequisites
- Majors and premajors must take all school courses for letter grades unless a course is only offered pass/no pass (P/N). All graded journalism courses taken to satisfy the major must be passed with a grade of mid-C or better
- A cumulative GPA of 2.70 or better in courses taken in the School of Journalism and Communication at the time of graduation

Internship

A major may earn no more than 9 credits in Internship: [Topic] (J404).

Honors Program

The honors program provides high-achieving students the opportunity to develop analytic, creative, critical thinking and research skills in small-group, discussion-oriented courses. The program develops a small multidisciplinary community of communications scholars from all the majors within the School of Journalism and Communication.

Students take three honors courses focusing on media theory, research, or issues, which partially fulfill the context course requirement. In addition, students complete an original piece of scholarship or creative work in the senior year.

The program targets journalism majors entering their junior year whohave a minimum 3.50 cumulative UO GPA. Applications are accepted each spring for the following year's cohort.Clark Honors College students are eligible to apply. More information is available on the school's website.

Second Bachelor's Degree

Students who already have a bachelor's degree and want to earn a second bachelor's degree in the School of Journalism and Communication may apply for premajor status through the university's Office of Admissions. Upon fulfilling the requirements for application for admission, they may apply for major status. Students must complete all of the school's requirements for graduation including the school's arts and sciences requirement and university requirements for the BA or BS. Credits, including transfer credits, earned for the first bachelor's degree may count toward meeting the requirements as long as they conform to the transfer-credit policy outlined previously.

Courses

J100. Media Professions. 2 Credits.
Introduction to dynamic media and communication professions, opportunities, and issues, as well as to majors in journalism and communication.

J101. Grammar for Communicators. 2 Credits.
Intensive review of grammar, word use, spelling, and principles of clear, concise writing. Introduction to media style. Premajor status required.

J196. Field Studies: [Topic]. 1-2 Credits.
Repeatable.

J198. Colloquium: [Topic]. 1-2 Credits.
Repeatable.

J199. Special Studies: [Topic]. 1-5 Credits.
Repeatable.

J201. Media and Society. 4 Credits.
Introduction to the critical examination of the roles of media in society.

J205. Gateway to Media I. 4 Credits.
Integrates critical thinking with professional media skills needed for nonfiction storytelling in a multimedia environment. Sequence with J 206 and J 207. Majors only.
Coreq: J 206.

J206. Gateway to Media II. 4 Credits.
Integrates critical thinking, creative thinking, and basic skills for nonfiction storytelling through words, photos, audio, and video. Sequence with J 205 and J 207. Majors only.
Coreq: J 205.

J207. Gateway to Media III. 4 Credits.
Integrates critical thinking and intermediate nonfiction storytelling across media platforms. Sequence with J 205 and J 206. Majors only.
Prereq: J 205, 206.

J208. Introduction to Documentary Production. 4 Credits.
Introduction to the theory and practice of documentary production. Focuses on aesthetics, technology, research, and writing fundamentals of documentary making, covering preproduction, production and postproduction. Cinema studies majors only.
Prereq: J 201, ENG 260; two from ENG 265, 266, 267.

J209. Understanding Media. 4 Credits.
Enhances media literacy through examination of contemporary issues in media use and practice, the media as popular culture, and ways the media affect participation in public discourse. For nonmajors.

J314. Introduction to Media Studies. 4 Credits.
Presents a historical overview of the study of media, with in-depth discussion of primary theoretical approaches and their application to the current media environment. Majors only.
Prereq: J 201 with a grade of mid-C or better.

J315H. Honors Media Theory and Research. 4 Credits.
Foundation course for honors program. Introduction to seminal theories in communication; overview of methodologies used in the study of theories. Acceptance into School of Journalism and Communication honors program required for enrollment.

J320. Gender, Media, and Diversity. 4 Credits.
Critical study of the media with regard to gender, race, ethnicity, and other social divisions. Ramification and possible mechanisms of change.
Prereq: J 201 with a grade of mid-C or better.

J331. Digital Video Production. 4 Credits.
Introduction to techniques of single-camera field video production. Journalism and cinema studies majors only.
Prereq: J 207 with a grade of mid-C or better or J 208 with a grade of mid-C or better.

J333. Writing for Multimedia. 4 Credits.
Introduction to the process and practice of writing for multimedia, including print, audio-video, computer-assisted presentation, web-based applications, and striking the balance between word and image. Journalism majors or multimedia minor standing only.
Prereq: ARTD 250, 251, 252.

J340. Principles of Advertising. 4 Credits.
Role of advertising in the distribution of goods and services; the advertising agency; the campaign; research and testing; the selection of media: print, electronic, outdoor advertising, direct mailing. Not for journalism: advertising majors.

J342. The Creative Strategist. 4 Credits.
Creative approaches to ideation and strategic thinking for all advertising specialties. Emphasis on creative process, generative techniques, teamwork, career planning, industry trends. Journalism: advertising majors only.
Prereq: J 205, 206.

J350. Principles of Public Relations. 4 Credits.
Overview of public relations practice in a diverse global society, including theory, career opportunities, history, communication forms and channels, and legal and ethical concerns.

J352. Strategic Writing and Media Relations. 4 Credits.
Writing-intensive lab; students produce strategic, theory-based content for multiple media platforms using various journalistic styles and storytelling skills and incorporating ethical media-relations practices.
Prereq: J 205, 206, 207, 350 with a grade of mid-C or better.

J361. Reporting I. 4 Credits.
News gathering and writing. Extensive writing in class and outside of class in a variety of forms: news, features, interviews, multimedia scripts. Journalism majors only.
Prereq: J 205, 206 with a grade of mid-C or better.

J365. Photojournalism. 4 Credits.
Visual reporting techniques, with emphasis on practice, law, and ethics of photojournalism and photographic communication. Laboratory and portfolio-intensive. Majors only.
Prereq: J 205, J 206 with a grade of mid-C or better.

J371. Feature Writing I. 4 Credits.
Introduction to feature writing for print and online media; marketing your ideas and stories. Journalism majors only.
Prereq: J 361 with a grade of mid-C or better.

J385. Communication Law. 4 Credits.
Legal aspects of the media: constitutional freedom of expression, news gathering, access to public records, libel, privacy, copyright, advertising, electronic media regulation, and antitrust.
Prereq: J 201 with a grade of mid-C or better.

J387. Media History. 4 Credits.
The changing structure and character of the media in the United States.
Prereq: J 201 with a grade of mid-C or better.

J396. International Communication. 4 Credits.
National and cultural differences in media and information systems, global news and information flows, implications of rapid technological change, and communication and information policies.
Prereq: J 201 with a grade of mid-C or better.

J397. Media Ethics. 4 Credits.
Ethical problems in the media: privacy, violence, pornography, truth-telling, objectivity, media codes, public interest, media accountability.
Prereq: J 201 with a grade of mid-C or better.

J399. Special Studies: [Topic]. 1-5 Credits.
Repeatable.

J400M. Temporary Multilisted Course. 1-5 Credits.
Repeatable.

J401. Research: [Topic]. 1-9 Credits.
Repeatable.

J403. Thesis. 1-9 Credits.
Repeatable.

J404. Internship: [Topic]. 1-9 Credits.
Repeatable for maximum of 9 credits.

J405. Reading and Conference: [Topic]. 1-9 Credits.
Repeatable.

J406. Special Problems: [Topic]. 1-9 Credits.
Repeatable.

J407. Seminar: [Topic]. 1-4 Credits.
Repeatable.

J408. Workshop: [Topic]. 1-6 Credits.
Repeatable.

J409. Practicum: [Topic]. 1-4 Credits.
Repeatable.

J410. Experimental Course: [Topic]. 1-4 Credits.
Repeatable.

J412. Issues in Communication Studies: [Topic]. 4 Credits.
Uses a variety of theories and methods to examine specific aspects of media content, processes, and audiences. Repeatable when topic changes. Majors only.
Prereq: J 201 with a grade of mid-C or better.

J413. Communication Studies Capstone. 4 Credits.
Draws on skills and knowledge learned in other communications studies and related courses to demonstrate competence in broad areas of research.
Prereq: J 314 for 4 credits with grade of mid-C or better.

J416. Survey of the Documentary. 4 Credits.
Historical and critical survey of the documentary as a form of artistic expression and an instrument of social commentary. Majors, cinema studies majors, and communication studies minors only.
Prereq: J 201 with grade of mid-C or better.

J421. Documentary Production. 4 Credits.
Workshop in preparation, shooting, and postproduction of the short documentary. Journalism and cinema studies majors only.
Prereq: J 331 with a grade of mid-C or better.

J424H. Honors Theory and Research: [Topic]. 4 Credits.
Uses a variety of theories and methods to closely examine and analyze contemporary problems and situations in media and communications. Acceptance into School of Journalism and Communication honors program required for enrollment. Repeatable once when topic changes for a maximum of 8 credits.

J427M. Latino Roots I. 4 Credits.
Documents Latino history in the racial history of what is now Oregon since 1500 and teaches students to conduct oral history interviews. Multilisted with ANTH 427M/527M. Sequence with J 428M/528M. Offered alternate years.

J428M. Latino Roots II. 4 Credits.
Continuation of Latino Roots I, designed for producing a short documentary using oral history as the story. Covers basic theory and practice of digital film-video documentary production. Multilisted with ANTH 428M/528M. Sequence with J 427M/527M. Offered alternate years.
Prereq: J 427M.

J432. Reporting for Electronic Media. 4 Credits.
Training in gathering, production, and presentation of news for the electronic media. Journalism majors only.
Prereq: J 331, J 361 with a grade of mid-C or better.

J434. Advanced Television News. 4 Credits.
News gathering and production for television. Students produce live programming for local cable systems. Journalism majors only.
Prereq: J 331, J 361, J 432 with a grade of mid-C or better.

J436. Media Design: [Topic]. 4 Credits.
Focuses on issues and techniques in picture and graphic editing, typography, and work-picture composition and interaction for long-form visual storytelling across legacy- and emerging-media platforms. Repeatable twice for a maximum of 12 credits.
Prereq: J 361 with a mid-C or better.

J443. Advertising Media Planning. 4 Credits.
Objectives and strategy for determining effective methods of reaching a designated target audience. Use of media measurement tools. Journalism: advertising majors only.
Prereq: J 207, 342 with a grade of mid-C or better.

J444. Agency Account Management. 4 Credits.
The role of the account executive in the advertising agency examined through case studies. Journalism: advertising majors only.
Prereq: J 205, 206, 207, 342 with a grade of mid-C or better.

J448. Advertising Campaigns. 4 Credits.
Seniors produce a comprehensive campaign involving every aspect of advertising, ranging from market research through creative and media strategy formulation to execution. Journalism: advertising majors only.
Prereq: three from J 443/543, 444/544, 457/557, 458/558, 459/559, 460/560 with a grade of mid-C or better.

J449. Advanced Advertising Campaigns. 5 Credits.
Team experience of creating a professional-level advertising plan. Students participate in a national competition. Journalism: advertising majors only.

J452. Strategic Public Relations Communication. 4 Credits.
Advanced writing lab emphasizing business communication, direct-to-consumer strategies and techniques, and effective use of web-based communication strategies. Journalism: public relations majors only.
Prereq: J 352 with a grade of mid-C or better.

J453. Strategic Planning and Cases. 4 Credits.
Campaign planning, administration, crisis communication, and issues management, encompassing research, writing objectives and tactics, evaluation methods, and constructing budgets and timelines. Journalism: public relations majors only.
Prereq: J 352 with a grade of mid-C or better.

J454. Public Relations Campaigns. 4 Credits.
Capstone course applying theory, skills, and a team-based approach to researching, planning, presenting, and implementing a campaign for a client. Professional portfolios presented and reviewed. Journalism: public relations majors only.
Prereq: J 452, J 453; one from J 494, J 495 with a grade of mid-C or better.

J457. Curiosity for Strategists. 4 Credits.
Explores the building of intellectual curiosity as a problem-solving technique within the context of culture and media. Emphasis: critical thinking, readings, projects, performance. Journalism: advertising majors only.
Prereq: J 205, 206, 207, 342 with a grade of mid-C or better.

J458. Writing Design Concepts. 4 Credits.
Conceptual problem-solving for traditional and emerging media. Emphasis: conceptual development, advertising writing, design, campaigns, presentation of developed work. Journalism: advertising majors only.
Prereq: J 205, 206, 207, 342 with a grade of mid-C or better.

J459. Branding and Content. 4 Credits.
Capstone course on brand portfolio development for writers, art directors, and strategists. Emphasis: production, multiple-platform creative development, industry-focused portfolios. For Journalism: advertising majors only.
Prereq: J 205, 206, 207, 342 with a grade of mid-C or better.

J460. Brand Development: [Topic]. 4 Credits.
Revolving topics on emerging issues in branding and advertising, including strategies in digital and interactive brand solutions, media decision-making, and sustainability. Journalism: advertising majors only. Repeatable when topic changes.
Prereq: J 205, 206, 207, 342 with a grade of mid-C or better.

J461. Newspaper Editing. 4 Credits.
Copyediting, headline writing, and page design for newspapers in print and online; emphasis on grammar and style. Journalism majors only.
Prereq: J 361 or equivalent with a grade of mid-C or better.

J462. Reporting II. 4 Credits.
In-depth reporting on public affairs and community news. Journalism majors only.
Prereq: J 361 with a grade of mid-C or better.

J463. Specialized Reporting: [Topic]. 1-4 Credits.
Reporting special topics, including the environment, business and economics, politics, health and medicine, science, and the arts; and digital and multiplatform journalism. Journalism majors only. Repeatable.
Prereq: J 361 with a grade of mid-C or better.

J466. Advanced Photojournalism: [Topic]. 4 Credits.
Intensive visual reporting techniques, with emphasis on digital production, color, lighting, in-depth storytelling, documentary, and portfolio. Majors only. Repeatable three times for a maximum of 16 credits when topic changes.
Prereq: J 365 with a grade of mid-C or better.

J467. Issues in International Communication: [Topic]. 4 Credits.
Topics focus on global media issues. Majors and minors only; cinema studies majors for approved topics. Repeatable twice for a maximum of 12 credits when topic changes.
Prereq: J 201 with a grade of mid-C or better.

J468. Advanced News Editing. 4 Credits.
Advanced training in news editing under newsroom conditions. Discussion of issues in editing, headline writing, and news judgment. Includes work with web-based journalism. Focus on teamwork. Journalism majors only.
Prereq: J 461 with a grade of mid-C or better.

J469. OR Magazine. 4 Credits.
Building skills in journalistic storytelling and multimedia production of a digital magazine for distribution via mobile devices. Repeatable once for a maximum of 8 credits.

J472. Feature Writing II. 4 Credits.
In-depth story research and advanced feature writing for print and online markets. Individual conferences. Journalism majors only.
Prereq: J 361, J 371 with a grade of mid-C or better.

J473. Feature Editing. 4 Credits.
In-depth story research and advanced feature writing for print and online markets. Individual conferences. Journalism majors only.
Prereq: J 361, J 371 with a grade of mid-C or better.

J474. Magazine Industry and Strategies. 4 Credits.
How editors plan issues and interact with colleagues in circulation, graphics, production, and advertising. Trends, strategies, and ethics. Journalism majors only.
Prereq: J 361, J 371 with a grade of mid-C or better.

J475. Flux Production. 1-5 Credits.
Repeatable. Planning and production of "Flux" magazine. Students make and carry out assignments, write and edit stories, take photos, shoot video, sell advertising, and design the magazine. Repeatable for a maximum of 12 credits.
Prereq: J 361 with a grade of mid-C or better.

J480. Public Relations: [Topic]. 4 Credits.
Addresses a specific theory, method, or issue in the study and practice of public relations, such as international practice or strategic use of new media. Repeatable thrice when topic changes for a maximum of 16 credits.

J483. The Journalistic Interview. 4 Credits.
Gathering information through asking questions. Literature and research findings on techniques of listening, nonverbal communication, and psychological dynamics of the interview relationship in journalistic situations. Journalism majors only.
Prereq: J 361 with a grade of mid-C or better.

J494. Strategic Communications Research. 4 Credits.
Introduction to how and why research is conducted and used by public relations and advertising professionals to formulate strategic campaigns and evaluate their effectiveness. Majors only.
Prereq: J 342 or J 350.

J495. Research Methods: [Topic]. 4 Credits.
Uses a variety of quantitative and qualitative methods to examine concepts and processes of research used in such areas as advertising, public relations, journalism, strategic communication, and communication studies. Majors and minors only. Repeatable when topic changes for a maximum of 12 credits.
Prereq: J 201 with a grade of mid-C or better.

J496. Communication Ethics and Law: [Topic]. 4 Credits.
Analyses of ethical and legal issues confronting the communications industry using various ethical and legal theories, readings, and cases relevant to the specific topic. Repeatable when topic changes. Majors and minors only.
Prereq: J 201 with a grade of mid-C or better.

J503. Thesis. 1-9 Credits.
Repeatable.

J507. Seminar: [Topic]. 1-4 Credits.
Repeatable.

J508. Workshop: [Topic]. 1-6 Credits.
Repeatable.

J510. Experimental Course: [Topic]. 1-4 Credits.
Repeatable.

J512. Issues in Communication Studies: [Topic]. 4 Credits.
Uses a variety of theories and methods to examine specific aspects of media content, processes, and audiences. Repeatable when topic changes. Majors only.

J516. Survey of the Documentary. 4 Credits.
Historical and critical survey of the documentary as a form of artistic expression and an instrument of social commentary. Majors, cinema studies majors, and communication studies minors only.

J521. Documentary Production. 4 Credits.
Workshop in preparation, shooting, and postproduction of the short documentary. Journalism and cinema studies majors only.

J527M. Latino Roots I. 4 Credits.
Documents Latino history in the racial history of what is now Oregon since 1500 and teaches students to conduct oral history interviews. Multilisted with ANTH 427M/527M. Sequence with J 428M/528M. Offered alternate years.

J528M. Latino Roots II. 4 Credits.
Continuation of Latino Roots I, designed for producing a short documentary using oral history as the story. Covers basic theory and practice of digital film-video documentary production. Multilisted with ANTH 428M/528M. Sequence with J 427M/527M. Offered alternate years.
Prereq: J 527M.

J532. Reporting for Electronic Media. 4 Credits.
Training in gathering, production, and presentation of news for the electronic media. Journalism majors only.

J534. Advanced Television News. 4 Credits.
News gathering and production for television. Students produce live programming for local cable systems. Journalism majors only.
Prereq: J 532 with a grade of mid-C or better.

J536. Media Design: [Topic]. 4 Credits.
Focuses on issues and techniques in picture and graphic editing, typography, and work-picture composition and interaction for long-form visual storytelling across legacy- and emerging-media platforms. Repeatable twice for a maximum of 12 credits.

J543. Advertising Media Planning. 4 Credits.
Objectives and strategy for determining effective methods of reaching a designated target audience. Use of media measurement tools. Journalism: advertising majors only.

J544. Agency Account Management. 4 Credits.
The role of the account executive in the advertising agency examined through case studies. Journalism: advertising majors only.

J548. Advertising Campaigns. 4 Credits.
Graduate students produce a comprehensive campaign involving every aspect of advertising, ranging from market research through creative and media strategy formulation to execution. Journalism: advertising majors only.
Prereq: three from J 443/543, 444/544, 456/556, 457/557, 458/558, 459/559, 460/560.

J549. Advanced Advertising Campaigns. 5 Credits.
Team experience of creating a professional-level advertising plan. Students participate in a national competition. Journalism: advertising majors only.

J552. Strategic Public Relations Communication. 4 Credits.
Advanced writing lab emphasizing business communication, direct-to-consumer strategies and techniques, and effective use of web-based communication strategies. Journalism: public relations majors only.

J553. Strategic Planning and Cases. 4 Credits.
Campaign planning, administration, crisis communication, and issues management, encompassing research, writing objectives and tactics, evaluation methods, and constructing budgets and timelines. Journalism: public relations majors only.

J554. Public Relations Campaigns. 4 Credits.
Capstone course applying theory, skills, and a team-based approach to researching, planning, presenting, and implementing a campaign for a client. Professional portfolios presented and reviewed. Journalism: public relations majors only.
Prereq: J 552, J 553; one from J 594, J 595.

J557. Curiosity for Strategists. 4 Credits.
Explores the building of intellectual curiosity as a problem-solving technique within the context of culture and media. Emphasis: critical thinking, readings, projects, performance. Journalism: advertising majors only.

J558. Writing Design Concepts. 4 Credits.
Conceptual problem-solving for traditional and emerging media. Emphasis: conceptual development, advertising writing, design, campaigns, presentation of developed work. Journalism: advertising majors only.

J559. Branding and Content. 4 Credits.
Capstone course on brand portfolio development for writers, art directors, and strategists. Emphasis: production, multiple-platform creative development, industry-focused portfolios. Journalism: advertising majors only.

J560. Brand Development: [Topic]. 4 Credits.
Revolving topics on emerging issues in branding and advertising, including strategies in digital and interactive brand solutions, media decision-making, and sustainability. Journalism: advertising majors only. Repeatable when topic changes.
J 556.

J561. Newspaper Editing. 4 Credits.
Copyediting, headline writing, and page design for newspapers in print and online; emphasis on grammar and style. Journalism majors only.

J562. Reporting II. 4 Credits.
In-depth reporting on public affairs and community news. Journalism majors only.

J563. Specialized Reporting. 1-4 Credits.
Reporting special topics, including the environment, business and economics, politics, health and medicine, science, and the arts; and digital and multiplatform journalism. Journalism majors only.

J566. Advanced Photojournalism: [Topic]. 4 Credits.
Intensive visual reporting techniques, with emphasis on digital production, color, lighting, in-depth storytelling, documentary, and portfolio. Majors only. Repeatable three times for a maximum of 16 credits when topic changes.

J567. Issues in International Communication: [Topic]. 4 Credits.
Topics focus on global media issues. Majors only. Repeatable twice for a maximum of 12 credits when topic changes.

J568. Advanced News Editing. 4 Credits.
Advanced training in news editing under newsroom conditions. Discussion of issues in editing, headline writing, and news judgment. Includes work with web-based journalism. Focus on teamwork. Journalism majors only.
Prereq: J 561 with a grade of mid-C or better.

J569. OR Magazine. 4 Credits.
Building skills in journalistic storytelling and multimedia production of a digital magazine for distribution via mobile devices. Repeatable once for a maximum of 8 credits.

J572. Feature Writing II. 4 Credits.
In-depth story research and advanced feature writing for print and online markets. Individual conferences. Journalism majors only.

J573. Feature Editing. 4 Credits.
In-depth story research and advanced feature writing for print and online markets. Individual conferences. Journalism majors only.

J574. Magazine Industry and Strategies. 4 Credits.
How editors plan issues and interact with colleagues in circulation, graphics, production, and advertising. Trends, strategies, and ethics. Journalism majors only.

J575. Flux Production. 1-5 Credits.
Repeatable. Planning and production of "Flux" magazine. Students make and carry out assignments, write and edit stories, take photos, shoot video, sell advertising, and design the magazine. Repeatable for a maximum of 12 credits.

J580. Public Relations: [Topic]. 4 Credits.
Addresses a specific theory, method, or issue in the study and practice of public relations, such as international practice or strategic use of new media. Repeatable thrice when topic changes for a maximum of 16 credits.

J583. The Journalistic Interview. 4 Credits.
Gathering information through asking questions. Literature and research findings on techniques of listening, nonverbal communication, and psychological dynamics of the interview relationship in journalistic situations. Journalism majors only.

J595. Research Methods: [Topic]. 4 Credits.
Uses a variety of quantitative and qualitative methods to examine concepts and processes of research used in such areas as advertising, public relations, journalism, strategic communication, and communication studies. Journalism majors only. Repeatable when topic changes for a maximum of 12 credits.

J596. Communication Ethics and Law: [Topic]. 4 Credits.
Analyses of ethical and legal issues confronting the communications industry using various ethical and legal theories, readings, and cases relevant to the specific topic. Repeatable when topic changes. Majors only.

J601. Research: [Topic]. 1-6 Credits.
Repeatable for maximum of 16 credits.

J602. Supervised College Teaching. 1-5 Credits.
Repeatable for maximum of 5 credits.

J603. Dissertation. 1-16 Credits.
Repeatable for maximum of 18 credits.

J604. Internship: [Topic]. 1-4 Credits.
Repeatable for maximum of 4 credits.

J605. Reading and Conference: [Topic]. 1-6 Credits.
Repeatable for maximum of 16 credits.

J606. Special Problems: [Topic]. 1-6 Credits.
Repeatable for maximum of 16 credits.

J607. Seminar: [Topic]. 1-5 Credits.
Repeatable.

J608. Workshop: [Topic]. 1-6 Credits.
Repeatable for maximum of 16 credits.

J609. Terminal Project. 1-6 Credits.
Repeatable for maximum of 6 credits.

J610. Experimental Course: [Topic]. 1-5 Credits.
Repeatable.

J611. Mass Communication and Society. 4 Credits.
Review of the literature of mass communication. Introduction to graduate study in journalism and communication.

J616. Introduction to Strategic Communication Marketing. 4 Credits.
Discussion of fundamental marketing concepts from the perspective of the manager. Analysis of complex marketing challenges in research, segmentation, targeting, pricing, distribution, and branding.

J617. Strategic Communication Theory and Research: [Topic]. 4 Credits.
Theory, research, and practice of strategic communication. Topics may include relationship management, risk communication, identity and culture, and social media theory. Repeatable when topic changes for a maxium of 20 credits.
Prereq: graduate standing.

J618. Strategic Communication Management. 4 Credits.
Elements of managing and leading organizations; examination of key issues faced by leaders. Topics include leadership theory, leading change, dealing with conflict, and performance and strategic management.

J619. Teaching and the Professional Life. 4 Credits.
Explores teaching strategies, curriculum development, and other aspects of academic professional life in journalism and communication.

J621. Foundations of Strategic Communication. 4 Credits.
Reviews major theories, models, and practices in strategic communications. Theoretical topics include media effects and persuasion as applied to public relations, advertising, and other strategic communication.

J623. Creativity in Strategic Communication. 4 Credits.
Explores the use of creative conceptual thinking as part of the strategic basis in successful communication campaigns.

J624. Strategic Communication: [Topic]. 2 Credits.
Explores problems and specialized skills needed in strategic communication management. Examples include crisis communication, creativity in business, corporate social responsibility. Repeatable with change in topic.

J626. Strategic Marketing Communication. 4 Credits.
Examination, evaluation, and integration of advertising, public relations, sales promotion, direct marketing, social media, sponsorship and events, packaging, customer service, and personal selling.

J638. Story and Commerce. 4 Credits.
Explores the changing face of narrative journalism as it investigates the new commercial opportunities for the professional journalist. Taught once or more per academic year.

J640. Proseminar I. 5 Credits.
Overview of theories used to study mediated communication, mass communication, and communication technologies; theory application to media processes; discussion of enduring issues in the field.
Prereq: doctoral standing.

J641. Qualitative Research Methods. 4 Credits.
Introduces qualitative research methods including traditional historical inquiry, oral history, ethnography, and participant observation.

J642. Quantitative Research Methods. 4 Credits.
Introduces and analyzes quantitative research methods in terms of design, measurement, inference, and validity. Focuses on conceptualization in communication research.

J643. Proseminar II. 5 Credits.
Seminar participants demonstrate competence in broad families of social research by drawing on skills and knowledge obtained in J 640, J 641, and J 642.
Prereq: J 640, 641, 642.

J644. Philosophy of Communication. 4 Credits.
Explores the philosophical foundations of communication in the United States, including political philosophies that range from Milton to McLuhan.

J646. Political Economy of Communication. 4 Credits.
Introduction to the political economy of communication. Includes such issues as ownership and control patterns; the role of the state; labor; intellectual property rights; and international markets.

J647. Theoretical Foundations of Communication Ethics. 4 Credits.
Exploration of ethical theories and issues related to the mass media and other relevant forms of mass communication.

J648. Cultural Approaches to Communication. 4 Credits.
Examination of communication and mediated communication as cultural processes in the production and reproduction of social systems.

J649. International Communication. 4 Credits.
Examines global communication structures and processes and their consequences. Topics include new technologies, news and information organizations, cross-cultural uses of Western media, and information policies.

J660. Advanced Research Methods: [Topic]. 4 Credits.
Explores specific qualitative or quantitative communication research methods. Topics may include discourse analysis, oral history, historical methods, legal methods, content analysis, and survey methods. Repeatable when topic changes.
Prereq: J 641 or J 642, depending on topic.

Journalism: Public Relations

The University of Oregon undergraduate program is based on the premise that the best professional communicator is broadly educated. In accordance with national accrediting standards, students must take at least 104 credits in courses outside the School of Journalism and Communication. A maximum of 76 credits in the 180-credit undergraduate program may be in journalism and communication courses. Students learn about media practice and effects. They study the role of the media in society, the history of journalism, visual communication, the ethics of media practices, the economics of the media, new media technologies, international communication, diversity in the media, and the legal and social responsibilities of the media.

In addition, undergraduates take a two-term series of courses called Gateway to Media that immerses them in the fundamentals of digital storytelling, including multimedia story development and delivery across traditional, digital, and social platforms. The intent of this series of courses is to develop basic literacies and competencies for students who engage in collaborative media projects.

Majors are encouraged to consider a second major or a minor in a field related to their career goals. Preparation in a second field is a valuable addition to a student's education and enhances employability.

Many students are active in campus affairs, working for the campus newspaper; the university's radio station; the student-run advertising, design, video, and public relations agencies; the award-winning *Flux* and *Ethos* magazines; television and online programs; and alternative and online publications, including *OR Magazine*, the first student-produced iPad publication. The school also encourages them to participate in UO chapters of Ed on Campus, Ad Society, National Broadcasting Society, National Press Photographers Association, Public Relations Student Society of America, Society of Professional Journalists, and such national venues as the One Club for Art and Copy. Internships are encouraged and available at newspapers, magazines, broadcast stations, advertising agencies, public relations offices, nonprofit organizations, government offices, video production firms, online publications, and public policy offices.

The best preparation for journalism majors is a broad college-preparatory program with emphasis on language skills, English literature, economics, history, and the political and social sciences. Prospective students also benefit from the study of mathematics, statistics, computer applications, and second languages.

Community college students planning to transfer to the School of Journalism and Communication should concentrate on college-transfer courses, especially in literature, economics, and history, that fulfill university requirements and the school's general-studies requirements. Almost all professional courses are taken at the School of Journalism and Communication. Advising material is available to community college students online.

- **Bachelor of Arts**
- **Bachelor of Science**

Undergraduate Studies

The role of the school's undergraduate program is to provide students with the creative, critical, and problem-solving skills they need to become ethical, professional communicators and critical media consumers.

Premajor Admission

New students planning to major in journalism enter the university as premajors and do not need to meet special admission requirements beyond the general university requirements.

Each premajor is assigned to a journalism and communication advisor who assists in planning programs, answering questions, and tracking progress toward admission as a major and toward graduation. Students should check with an advisor at least once a year to ensure that requirements are being met. In addition, students will be assigned a faculty advisor, who will guide them through the portfolio process. The director of student services for the school supervises undergraduate academic advising.

A university student in another major may switch to a journalism premajor online on the School of Journalism and Communication website. To become a premajor, a student must have a minimum cumulative grade point average (GPA) of 2.00 for all work at the University of Oregon.

Premajor Program

Students must complete the school's premajor core curriculum, and earn grades of C or better:

J100	Media Professions	2
J101	Grammar for Communicators	2
J201	Media and Society	4
Total Credits		**8**

Admission as a Major

Admission to the School of Journalism and Communication is competitive. The faculty considers applications from premajor students who have

- completed 24 or more graded credits of course work at the University of Oregon, earning a cumulative UO GPA of at least 2.90

- completed College Composition I (WR121) and College Composition II (WR122) or College Composition III (WR123) with grades of P or C– or better
- completed the school's premajor core curriculum

A student's GPA is a major factor in the admissions decision. Students with a GPA of 3.25 or higher are guaranteed admission to the major.

Applicants with grade point averages between 2.90 and 3.24 are evaluated and judged competitively by an admissions committee as applications are received. The admissions committee considers the requirements listed above and other materials that applicants submit, including a personal statement, letters of recommendation, and a portfolio. Students with a GPA below 2.90 may petition the committee for admission. The committee has the option of waiving any of the requirements listed above if evidence of a candidate's high potential for success in the major is presented and approved.

Transfer Students

Students transferring to the University of Oregon School of Journalism and Communication enter as premajors. They apply to the University of Oregon Office of Admissions and are accepted as premajors if they meet the university's general standards for admission. To be admitted to major status, transfer students must meet the school's requirements for admission as a major (p. 598).

Transfer Credit

The School of Journalism and Communication accepts journalism credits earned at other colleges and universities as follows:

1. Credits earned at schools of journalism accredited by the Accrediting Council on Education in Journalism and Mass Communications are accepted for journalism credit and may fulfill specific course requirements
2. Journalism credits may be accepted from unaccredited journalism programs, but they may not be used to meet specific course requirements. They do count toward the 76-credit limit set by national accrediting standards
3. Regardless of the number of credits transferred, students must take at least 27 credits of journalism in residence to earn a degree from the University of Oregon
4. Students may not take more than 76 credits in journalism courses out of the 180 total credits required for a bachelor's degree. They may, however, add credits to the 180-credit total to accommodate extra journalism credits (e.g., take 186 credits to accommodate as many as 82 credits in journalism)
5. The school accepts equivalent courses taught at other colleges to meet the Media and Society (J201) requirement for application to be a major, and may accept equivalent courses to meet other core requirements if approved by the associate dean for undergraduate affairs

Transfer students who want to discuss the transfer policy may consult the associate dean, director of student services, or academic advisors.

The school offers course work leading to bachelor of arts (BA) and bachelor of science (BS) degrees. Major requirements are the same for each. Differences between the two degrees are explained under Requirements for Bachelor of Arts and Bachelor of Science in the **Bachelor's Degree Requirements** section of this catalog.

Bachelor of Arts in Journalism: Public Relations Degree Requirements

Journalism Premajor Requirements		
J100	Media Professions	2
J101	Grammar for Communicators	2
J201	Media and Society	4
Journalism: Public Relations Major Requirements		
J205	Gateway to Media I [1,2]	4
J206	Gateway to Media II [1,3]	4
J207	Gateway to Media III [4]	4
J350	Principles of Public Relations	4
J352	Strategic Writing and Media Relations	4
J452	Strategic Public Relations Communication	4
J453	Strategic Planning and Cases	4
J454	Public Relations Campaigns	4
Select two of the following: [5]		8
J320	Gender, Media, and Diversity	
J385	Communication Law	
J387	Media History	
J396	International Communication	
J397	Media Ethics	
J494	Strategic Communications Research [5]	4
Select one of the following: [5]		4
J412	Issues in Communication Studies: [Topic]	
J467	Issues in International Communication: [Topic]	
J495	Research Methods: [Topic]	
J496	Communication Ethics and Law: [Topic]	
General Studies Requirements		
Literature courses [6,7]		16
History courses [7]		8
Economics courses [7]		8
General studies courses in three other subject codes within the College of Arts and Sciences [7]		24
Total Credits		**112**

1. Students must earn grades of mid-C or better. Grades for Gateway to Media I (J205)and Gateway to Media II (J206)are coordinated as an 8-credit unit in which students earn the same grade for both courses. In accordance with the school's policy, students must earn a C or better in Gateway to Media I (J205) and Gateway to Media II (J206) before advancing to Gateway to Media III (J207).
2. Must be taken concurrently with Gateway to Media II (J206).
3. Must be taken concurrently with Gateway to Media I (J205).
4. Students must take course in the term immediately following Gateway to Media I (J205) and Gateway to Media II (J206) and must earn a C or better in Gateway to Media III (J207) before advancing in the major. Students who fail to enroll in Gateway to Media III (J207) in the term immediately following Gateway to Media I (J205) and Gateway to Media II (J206) or who fail to earn a C or better must repeat Gateway to Media I (J205) and Gateway to Media II (J206).

[5] Students must take two 300-level and two 400-level context courses, such as ethics, history, law, diversity, or international communication. Strategic Communications Research (J494) is one of the two 400-level context courses required for public relations majors.

[6] Courses include the following:

1. Literature courses taught by the Department of English and the Department of Comparative Literature. Courses in rhetoric, grammar, and cinema- or television-making do not count toward this requirement.
2. Literature courses taught in English translation by foreign-language departments or the Department of Classics or courses that are cross-listed for major credit by these departments
3. Introduction to the Humanities I-III (HUM101–103)

One of the following categories may be used to satisfy 8 credits of this requirement:

- Courses taught in a second language that are part of a student's language program of study. Foreign-language courses used to fulfill the university's bachelor of arts requirement and writing courses used to fulfill the university composition requirement may not be used to fulfill the general-studies courses requirement.
- Courses treating film or television as literature that have significant reading and writing components.

[7] Courses numbered 196, 198, 199, 399–406, or 408–410 may not be used to fulfill these requirements. In addition to the literature, history, and economics block requirements, journalism students must complete three additional blocks. Each block consists of 8 credits of a subject offered by the College of Arts and Sciences. Eligible subjects codes are AEIS, AFR, ANTH, ARB, ASIA, ASL, ASTR, BI, CAS, CH, CHN, CINE, CIS, CIT, CLAS, COLT, CRWR, DANE, EALL, EC, ENG, ENVS, ES, EURO, FINN, FLR, FR, GEOG, GEOL, GER, GRK, HBRW, HC, HIST, HPHY, HUM, INTL, ITAL, JDST, JPN, KRN, LAS, LAT, LING, LT, MATH, MDVL, NORW, PHIL, PHYS, PORT, PS, PSY, REES, REL, RL, RUSS, SCAN, SOC, SPAN, SWAH, SWED, TA, WGS, WR.

The additional blocks *can* overlap with the following requirements:

- Courses taken to fulfill the university's arts and letters, social science, and science group-satisfying requirements (unless the course is also being used for journalism requirements in literature, history or economics)
- Courses taken toward the UO bachelor of science requirement
- Minor and second major course work in the College of Arts and Sciences
- Electives in the College of Arts and Sciences

The additional blocks *cannot* overlap with the following requirements:

- First- and second-year foreign language (if used for the bachelor of arts degree)
- Writing composition (WR) classes used for the UO writing requirement
- Courses used for the literature, history, or economics requirements in journalism

This requirement and the potential for overlap with other requirements can be very complicated and highly individualized. Please speak with your academic advisor to learn about your options.

Bachelor of Science in Journalism: Public Relations Degree Requirements

Journalism Premajor Requirements		
J100	Media Professions	2
J101	Grammar for Communicators	2
J201	Media and Society	4
Journalism: Public Relations Major Requirements		
J205	Gateway to Media I [1,2]	4
J206	Gateway to Media II [1,3]	4
J207	Gateway to Media III [4]	4
J350	Principles of Public Relations	4
J352	Strategic Writing and Media Relations	4
J452	Strategic Public Relations Communication	4
J453	Strategic Planning and Cases	4
J454	Public Relations Campaigns	4
Select two of the following: [5]		8
J320	Gender, Media, and Diversity	
J385	Communication Law	
J387	Media History	
J396	International Communication	
J397	Media Ethics	
J494	Strategic Communications Research [5]	4
Select one of the following: [5]		4
J412	Issues in Communication Studies: [Topic]	
J467	Issues in International Communication: [Topic]	
J495	Research Methods: [Topic]	
J496	Communication Ethics and Law: [Topic]	
General Studies Requirements		
Literature courses [6,7]		16
History courses [7]		8
Economics courses [7]		8
General studies courses in three other subject codes within the College of Arts and Sciences [7]		24
Total Credits		**112**

[1] Students must earn grades of mid-C or better. Grades for Gateway to Media I (J205)and Gateway to Media II (J206)are coordinated as an 8-credit unit in which students earn the same grade for both courses. In accordance with the school's policy, students must earn a C or better in Gateway to Media I (J205) and Gateway to Media II (J206) before advancing to Gateway to Media III (J207).

[2] Must be taken concurrently with Gateway to Media II (J206).

[3] Must be taken concurrently with Gateway to Media I (J205).

[4] Students must take course in the term immediately following Gateway to Media I (J205) and Gateway to Media II (J206) and must earn a C or better in Gateway to Media III (J207) before advancing in the major. Students who fail to enroll in Gateway to Media III (J207) in the term immediately following Gateway to Media I (J205) and Gateway to Media II (J206) or who fail to earn a C or better must repeat Gateway to Media I (J205) and Gateway to Media II (J206).

[5] Students must take two 300-level and two 400-level context courses, such as ethics, history, law, diversity, or international communication. Strategic Communications Research (J494) is one of the two 400-level context courses required for public relations majors.

[6] Courses include the following:

1. Literature courses taught by the Department of English and the Department of Comparative Literature. Courses in rhetoric, grammar, and cinema- or television-making do not count toward this requirement.
2. Literature courses taught in English translation by foreign-language departments or the Department of Classics or courses that are cross-listed for major credit by these departments
3. Introduction to the Humanities I-III (HUM101–103)

One of the following categories may be used to satisfy 8 credits of this requirement:

- Courses taught in a second language that are part of a student's language program of study. Foreign-language courses used to fulfill the university's bachelor of arts requirement and writing courses used to fulfill the university composition requirement may not be used to fulfill the general-studies courses requirement.
- Courses treating film or television as literature that have significant reading and writing components.

[7] Courses numbered 196, 198, 199, 399–406, or 408–410 may not be used to fulfill these requirements. In addition to the literature, history, and economics block requirements, journalism students must complete three additional blocks. Each block consists of 8 credits of a subject offered by the College of Arts and Sciences. Eligible subjects codes are AEIS, AFR, ANTH, ARB, ASIA, ASL, ASTR, BI, CAS, CH, CHN, CINE, CIS, CIT, CLAS, COLT, CRWR, DANE, EALL, EC, ENG, ENVS, ES, EURO, FINN, FLR, FR, GEOG, GEOL, GER, GRK, HBRW, HC, HIST, HPHY, HUM, INTL, ITAL, JDST, JPN, KRN, LAS, LAT, LING, LT, MATH, MDVL, NORW, PHIL, PHYS, PORT, PS, PSY, REES, REL, RL, RUSS, SCAN, SOC, SPAN, SWAH, SWED, TA, WGS, WR.

The additional blocks *can* overlap with the following requirements:

- Courses taken to fulfill the university's arts and letters, social science, and science group-satisfying requirements (unless the course is also being used for journalism requirements in literature, history or economics)
- Courses taken toward the UO bachelor of science requirement
- Minor and second major course work in the College of Arts and Sciences
- Electives in the College of Arts and Sciences

The additional blocks *cannot* overlap with the following requirements:

- First- and second-year foreign language (if used for the bachelor of arts degree)
- Writing composition (WR) classes used for the UO writing requirement
- Courses used for the literature, history, or economics requirements in journalism

This requirement and the potential for overlap with other requirements can be very complicated and highly individualized. Please speak with your academic advisor to learn about your options.

Additional Requirements

- Satisfactory completion of a minimum of 60 credits and a maximum of 76 credits in journalism, of which at least 27 must be taken at the University of Oregon School of Journalism and Communication and at least 24 must be upper division
- Satisfactory completion of at least 104 credits in academic fields other than journalism. A student who graduates with 180 credits must count no more than 76 credits (including transfer credits) in journalism toward the degree
- Students must take a minimum of 20 upper-division credits in journalism: public relations, including prerequisites
- Majors and premajors must take all school courses for letter grades unless a course is only offered pass/no pass (P/N). All graded journalism courses taken to satisfy the major must be passed with a grade of mid-C or better
- A cumulative GPA of 2.70 or better in courses taken in the School of Journalism and Communication at the time of graduation

Internship

A major may earn no more than 9 credits in Internship: [Topic] (J404).

Honors Program

The honors program provides high-achieving students the opportunity to develop analytic, creative, critical thinking and research skills in small-group, discussion-oriented courses. The program develops a small multidisciplinary community of communications scholars from all the majors within the School of Journalism and Communication.

Students take three honors courses focusing on media theory, research, or issues, which partially fulfill the context course requirement. In addition, students complete an original piece of scholarship or creative work in the senior year.

The program targets journalism majors entering their junior year whohave a minimum 3.50 cumulative UO GPA. Applications are accepted each spring for the following year's cohort.Clark Honors College students are eligible to apply. More information is available on the school's website.

Second Bachelor's Degree

Students who already have a bachelor's degree and want to earn a second bachelor's degree in the School of Journalism and Communication may apply for premajor status through the university's Office of Admissions. Upon fulfilling the requirements for application for admission, they may apply for major status. Students must complete all of the school's requirements for graduation including the school's arts and sciences requirement and university requirements for the BA or BS. Credits, including transfer credits, earned for the first bachelor's degree may count toward meeting the requirements as long as they conform to the transfer-credit policy outlined previously.

Courses

J100. Media Professions. 2 Credits.
Introduction to dynamic media and communication professions, opportunities, and issues, as well as to majors in journalism and communication.

J101. Grammar for Communicators. 2 Credits.
Intensive review of grammar, word use, spelling, and principles of clear, concise writing. Introduction to media style. Premajor status required.

J196. Field Studies: [Topic]. 1-2 Credits.
Repeatable.

J198. Colloquium: [Topic]. 1-2 Credits.
Repeatable.

J199. Special Studies: [Topic]. 1-5 Credits.
Repeatable.

J201. Media and Society. 4 Credits.
Introduction to the critical examination of the roles of media in society.

J205. Gateway to Media I. 4 Credits.
Integrates critical thinking with professional media skills needed for nonfiction storytelling in a multimedia environment. Sequence with J 206 and J 207. Majors only.
Coreq: J 206.

J206. Gateway to Media II. 4 Credits.
Integrates critical thinking, creative thinking, and basic skills for nonfiction storytelling through words, photos, audio, and video. Sequence with J 205 and J 207. Majors only.
Coreq: J 205.

J207. Gateway to Media III. 4 Credits.
Integrates critical thinking and intermediate nonfiction storytelling across media platforms. Sequence with J 205 and J 206. Majors only.
Prereq: J 205, 206.

J208. Introduction to Documentary Production. 4 Credits.
Introduction to the theory and practice of documentary production. Focuses on aesthetics, technology, research, and writing fundamentals of documentary making, covering preproduction, production and postproduction. Cinema studies majors only.
Prereq: J 201, ENG 260; two from ENG 265, 266, 267.

J209. Understanding Media. 4 Credits.
Enhances media literacy through examination of contemporary issues in media use and practice, the media as popular culture, and ways the media affect participation in public discourse. For nonmajors.

J314. Introduction to Media Studies. 4 Credits.
Presents a historical overview of the study of media, with in-depth discussion of primary theoretical approaches and their application to the current media environment. Majors only.
Prereq: J 201 with a grade of mid-C or better.

J315H. Honors Media Theory and Research. 4 Credits.
Foundation course for honors program. Introduction to seminal theories in communication; overview of methodologies used in the study of theories. Acceptance into School of Journalism and Communication honors program required for enrollment.

J320. Gender, Media, and Diversity. 4 Credits.
Critical study of the media with regard to gender, race, ethnicity, and other social divisions. Ramification and possible mechanisms of change.
Prereq: J 201 with a grade of mid-C or better.

J331. Digital Video Production. 4 Credits.
Introduction to techniques of single-camera field video production. Journalism and cinema studies majors only.
Prereq: J 207 with a grade of mid-C or better or J 208 with a grade of mid-C or better.

J333. Writing for Multimedia. 4 Credits.
Introduction to the process and practice of writing for multimedia, including print, audio-video, computer-assisted presentation, web-based applications, and striking the balance between word and image. Journalism majors or multimedia minor standing only.
Prereq: ARTD 250, 251, 252.

J340. Principles of Advertising. 4 Credits.
Role of advertising in the distribution of goods and services; the advertising agency; the campaign; research and testing; the selection of media: print, electronic, outdoor advertising, direct mailing. Not for journalism: advertising majors.

J342. The Creative Strategist. 4 Credits.
Creative approaches to ideation and strategic thinking for all advertising specialties. Emphasis on creative process, generative techniques, teamwork, career planning, industry trends. Journalism: advertising majors only.
Prereq: J 205, 206.

J350. Principles of Public Relations. 4 Credits.
Overview of public relations practice in a diverse global society, including theory, career opportunities, history, communication forms and channels, and legal and ethical concerns.

J352. Strategic Writing and Media Relations. 4 Credits.
Writing-intensive lab; students produce strategic, theory-based content for multiple media platforms using various journalistic styles and storytelling skills and incorporating ethical media-relations practices.
Prereq: J 205, 206, 207, 350 with a grade of mid-C or better.

J361. Reporting I. 4 Credits.
News gathering and writing. Extensive writing in class and outside of class in a variety of forms: news, features, interviews, multimedia scripts. Journalism majors only.
Prereq: J 205, 206 with a grade of mid-C or better.

J365. Photojournalism. 4 Credits.
Visual reporting techniques, with emphasis on practice, law, and ethics of photojournalism and photographic communication. Laboratory and portfolio-intensive. Majors only.
Prereq: J 205, J 206 with a grade of mid-C or better.

J371. Feature Writing I. 4 Credits.
Introduction to feature writing for print and online media; marketing your ideas and stories. Journalism majors only.
Prereq: J 361 with a grade of mid-C or better.

J385. Communication Law. 4 Credits.
Legal aspects of the media: constitutional freedom of expression, news gathering, access to public records, libel, privacy, copyright, advertising, electronic media regulation, and antitrust.
Prereq: J 201 with a grade of mid-C or better.

J387. Media History. 4 Credits.
The changing structure and character of the media in the United States.
Prereq: J 201 with a grade of mid-C or better.

J396. International Communication. 4 Credits.
National and cultural differences in media and information systems, global news and information flows, implications of rapid technological change, and communication and information policies.
Prereq: J 201 with a grade of mid-C or better.

J397. Media Ethics. 4 Credits.
Ethical problems in the media: privacy, violence, pornography, truth-telling, objectivity, media codes, public interest, media accountability.
Prereq: J 201 with a grade of mid-C or better.

J399. Special Studies: [Topic]. 1-5 Credits.
Repeatable.

J400M. Temporary Multilisted Course. 1-5 Credits.
Repeatable.

J401. Research: [Topic]. 1-9 Credits.
Repeatable.

J403. Thesis. 1-9 Credits.
Repeatable.

J404. Internship: [Topic]. 1-9 Credits.
Repeatable for maximum of 9 credits.

J405. Reading and Conference: [Topic]. 1-9 Credits.
Repeatable.

J406. Special Problems: [Topic]. 1-9 Credits.
Repeatable.

J407. Seminar: [Topic]. 1-4 Credits.
Repeatable.

J408. Workshop: [Topic]. 1-6 Credits.
Repeatable.

J409. Practicum: [Topic]. 1-4 Credits.
Repeatable.

J410. Experimental Course: [Topic]. 1-4 Credits.
Repeatable.

J412. Issues in Communication Studies: [Topic]. 4 Credits.
Uses a variety of theories and methods to examine specific aspects of media content, processes, and audiences. Repeatable when topic changes. Majors only.
Prereq: J 201 with a grade of mid-C or better.

J413. Communication Studies Capstone. 4 Credits.
Draws on skills and knowledge learned in other communications studies and related courses to demonstrate competence in broad areas of research.
Prereq: J 314 for 4 credits with grade of mid-C or better.

J416. Survey of the Documentary. 4 Credits.
Historical and critical survey of the documentary as a form of artistic expression and an instrument of social commentary. Majors, cinema studies majors, and communication studies minors only.
Prereq: J 201 with grade of mid-C or better.

J421. Documentary Production. 4 Credits.
Workshop in preparation, shooting, and postproduction of the short documentary. Journalism and cinema studies majors only.
Prereq: J 331 with a grade of mid-C or better.

J424H. Honors Theory and Research: [Topic]. 4 Credits.
Uses a variety of theories and methods to closely examine and analyze contemporary problems and situations in media and communications. Acceptance into School of Journalism and Communication honors program required for enrollment. Repeatable once when topic changes for a maximum of 8 credits.

J427M. Latino Roots I. 4 Credits.
Documents Latino history in the racial history of what is now Oregon since 1500 and teaches students to conduct oral history interviews. Multilisted with ANTH 427M/527M. Sequence with J 428M/528M. Offered alternate years.

J428M. Latino Roots II. 4 Credits.
Continuation of Latino Roots I, designed for producing a short documentary using oral history as the story. Covers basic theory and practice of digital film-video documentary production. Multilisted with ANTH 428M/528M. Sequence with J 427M/527M. Offered alternate years.
Prereq: J 427M.

J432. Reporting for Electronic Media. 4 Credits.
Training in gathering, production, and presentation of news for the electronic media. Journalism majors only.
Prereq: J 331, J 361 with a grade of mid-C or better.

J434. Advanced Television News. 4 Credits.
News gathering and production for television. Students produce live programming for local cable systems. Journalism majors only.
Prereq: J 331, J 361, J 432 with a grade of mid-C or better.

J436. Media Design: [Topic]. 4 Credits.
Focuses on issues and techniques in picture and graphic editing, typography, and work-picture composition and interaction for long-form visual storytelling across legacy- and emerging-media platforms. Repeatable twice for a maximum of 12 credits.
Prereq: J 361 with a mid-C or better.

J443. Advertising Media Planning. 4 Credits.
Objectives and strategy for determining effective methods of reaching a designated target audience. Use of media measurement tools. Journalism: advertising majors only.
Prereq: J 207, 342 with a grade of mid-C or better.

J444. Agency Account Management. 4 Credits.
The role of the account executive in the advertising agency examined through case studies. Journalism: advertising majors only.
Prereq: J 205, 206, 207, 342 with a grade of mid-C or better.

J448. Advertising Campaigns. 4 Credits.
Seniors produce a comprehensive campaign involving every aspect of advertising, ranging from market research through creative and media strategy formulation to execution. Journalism: advertising majors only.
Prereq: three from J 443/543, 444/544, 457/557, 458/558, 459/559, 460/560 with a grade of mid-C or better.

J449. Advanced Advertising Campaigns. 5 Credits.
Team experience of creating a professional-level advertising plan. Students participate in a national competition. Journalism: advertising majors only.

J452. Strategic Public Relations Communication. 4 Credits.
Advanced writing lab emphasizing business communication, direct-to-consumer strategies and techniques, and effective use of web-based communication strategies. Journalism: public relations majors only.
Prereq: J 352 with a grade of mid-C or better.

J453. Strategic Planning and Cases. 4 Credits.
Campaign planning, administration, crisis communication, and issues management, encompassing research, writing objectives and tactics, evaluation methods, and constructing budgets and timelines. Journalism: public relations majors only.
Prereq: J 352 with a grade of mid-C or better.

J454. Public Relations Campaigns. 4 Credits.
Capstone course applying theory, skills, and a team-based approach to researching, planning, presenting, and implementing a campaign for a client. Professional portfolios presented and reviewed. Journalism: public relations majors only.
Prereq: J 452, J 453; one from J 494, J 495 with a grade of mid-C or better.

J457. Curiosity for Strategists. 4 Credits.
Explores the building of intellectual curiosity as a problem-solving technique within the context of culture and media. Emphasis: critical thinking, readings, projects, performance. Journalism: advertising majors only.
Prereq: J 205, 206, 207, 342 with a grade of mid-C or better.

J458. Writing Design Concepts. 4 Credits.
Conceptual problem-solving for traditional and emerging media. Emphasis: conceptual development, advertising writing, design, campaigns, presentation of developed work. Journalism: advertising majors only.
Prereq: J 205, 206, 207, 342 with a grade of mid-C or better.

J459. Branding and Content. 4 Credits.
Capstone course on brand portfolio development for writers, art directors, and strategists. Emphasis: production, multiple-platform creative development, industry-focused portfolios. For Journalism: advertising majors only.
Prereq: J 205, 206, 207, 342 with a grade of mid-C or better.

J460. Brand Development: [Topic]. 4 Credits.
Revolving topics on emerging issues in branding and advertising, including strategies in digital and interactive brand solutions, media decision-making, and sustainability. Journalism: advertising majors only. Repeatable when topic changes.
Prereq: J 205, 206, 207, 342 with a grade of mid-C or better.

J461. Newspaper Editing. 4 Credits.
Copyediting, headline writing, and page design for newspapers in print and online; emphasis on grammar and style. Journalism majors only.
Prereq: J 361 or equivalent with a grade of mid-C or better.

J462. Reporting II. 4 Credits.
In-depth reporting on public affairs and community news. Journalism majors only.
Prereq: J 361 with a grade of mid-C or better.

J463. Specialized Reporting: [Topic]. 1-4 Credits.
Reporting special topics, including the environment, business and economics, politics, health and medicine, science, and the arts; and digital and multiplatform journalism. Journalism majors only. Repeatable.
Prereq: J 361 with a grade of mid-C or better.

J466. Advanced Photojournalism: [Topic]. 4 Credits.
Intensive visual reporting techniques, with emphasis on digital production, color, lighting, in-depth storytelling, documentary, and portfolio. Majors only. Repeatable three times for a maximum of 16 credits when topic changes.
Prereq: J 365 with a grade of mid-C or better.

J467. Issues in International Communication: [Topic]. 4 Credits.
Topics focus on global media issues. Majors and minors only; cinema studies majors for approved topics. Repeatable twice for a maximum of 12 credits when topic changes.
Prereq: J 201 with a grade of mid-C or better.

J468. Advanced News Editing. 4 Credits.
Advanced training in news editing under newsroom conditions. Discussion of issues in editing, headline writing, and news judgment. Includes work with web-based journalism. Focus on teamwork. Journalism majors only.
Prereq: J 461 with a grade of mid-C or better.

J469. OR Magazine. 4 Credits.
Building skills in journalistic storytelling and multimedia production of a digital magazine for distribution via mobile devices. Repeatable once for a maximum of 8 credits.

J472. Feature Writing II. 4 Credits.
In-depth story research and advanced feature writing for print and online markets. Individual conferences. Journalism majors only.
Prereq: J 361, J 371 with a grade of mid-C or better.

J473. Feature Editing. 4 Credits.
In-depth story research and advanced feature writing for print and online markets. Individual conferences. Journalism majors only.
Prereq: J 361, J 371 with a grade of mid-C or better.

J474. Magazine Industry and Strategies. 4 Credits.
How editors plan issues and interact with colleagues in circulation, graphics, production, and advertising. Trends, strategies, and ethics. Journalism majors only.
Prereq: J 361, J 371 with a grade of mid-C or better.

J475. Flux Production. 1-5 Credits.
Repeatable. Planning and production of "Flux" magazine. Students make and carry out assignments, write and edit stories, take photos, shoot video, sell advertising, and design the magazine. Repeatable for a maximum of 12 credits.
Prereq: J 361 with a grade of mid-C or better.

J480. Public Relations: [Topic]. 4 Credits.
Addresses a specific theory, method, or issue in the study and practice of public relations, such as international practice or strategic use of new media. Repeatable thrice when topic changes for a maximum of 16 credits.

J483. The Journalistic Interview. 4 Credits.
Gathering information through asking questions. Literature and research findings on techniques of listening, nonverbal communication, and psychological dynamics of the interview relationship in journalistic situations. Journalism majors only.
Prereq: J 361 with a grade of mid-C or better.

J494. Strategic Communications Research. 4 Credits.
Introduction to how and why research is conducted and used by public relations and advertising professionals to formulate strategic campaigns and evaluate their effectiveness. Majors only.
Prereq: J 342 or J 350.

J495. Research Methods: [Topic]. 4 Credits.
Uses a variety of quantitative and qualitative methods to examine concepts and processes of research used in such areas as advertising, public relations, journalism, strategic communication, and communication studies. Majors and minors only. Repeatable when topic changes for a maximum of 12 credits.
Prereq: J 201 with a grade of mid-C or better.

J496. Communication Ethics and Law: [Topic]. 4 Credits.
Analyses of ethical and legal issues confronting the communications industry using various ethical and legal theories, readings, and cases relevant to the specific topic. Repeatable when topic changes. Majors and minors only.
Prereq: J 201 with a grade of mid-C or better.

J503. Thesis. 1-9 Credits.
Repeatable.

J507. Seminar: [Topic]. 1-4 Credits.
Repeatable.

J508. Workshop: [Topic]. 1-6 Credits.
Repeatable.

J510. Experimental Course: [Topic]. 1-4 Credits.
Repeatable.

J512. Issues in Communication Studies: [Topic]. 4 Credits.
Uses a variety of theories and methods to examine specific aspects of media content, processes, and audiences. Repeatable when topic changes. Majors only.

J516. Survey of the Documentary. 4 Credits.
Historical and critical survey of the documentary as a form of artistic expression and an instrument of social commentary. Majors, cinema studies majors, and communication studies minors only.

J521. Documentary Production. 4 Credits.
Workshop in preparation, shooting, and postproduction of the short documentary. Journalism and cinema studies majors only.

J527M. Latino Roots I. 4 Credits.
Documents Latino history in the racial history of what is now Oregon since 1500 and teaches students to conduct oral history interviews. Multilisted with ANTH 427M/527M. Sequence with J 428M/528M. Offered alternate years.

J528M. Latino Roots II. 4 Credits.
Continuation of Latino Roots I, designed for producing a short documentary using oral history as the story. Covers basic theory and practice of digital film-video documentary production. Multilisted with ANTH 428M/528M. Sequence with J 427M/527M. Offered alternate years.
Prereq: J 527M.

J532. Reporting for Electronic Media. 4 Credits.
Training in gathering, production, and presentation of news for the electronic media. Journalism majors only.

J534. Advanced Television News. 4 Credits.
News gathering and production for television. Students produce live programming for local cable systems. Journalism majors only.
Prereq: J 532 with a grade of mid-C or better.

J536. Media Design: [Topic]. 4 Credits.
Focuses on issues and techniques in picture and graphic editing, typography, and work-picture composition and interaction for long-form visual storytelling across legacy- and emerging-media platforms. Repeatable twice for a maximum of 12 credits.

J543. Advertising Media Planning. 4 Credits.
Objectives and strategy for determining effective methods of reaching a designated target audience. Use of media measurement tools. Journalism: advertising majors only.

J544. Agency Account Management. 4 Credits.
The role of the account executive in the advertising agency examined through case studies. Journalism: advertising majors only.

J548. Advertising Campaigns. 4 Credits.
Graduate students produce a comprehensive campaign involving every aspect of advertising, ranging from market research through creative and media strategy formulation to execution. Journalism: advertising majors only.
Prereq: three from J 443/543, 444/544, 456/556, 457/557, 458/558, 459/559, 460/560.

J549. Advanced Advertising Campaigns. 5 Credits.
Team experience of creating a professional-level advertising plan. Students participate in a national competition. Journalism: advertising majors only.

J552. Strategic Public Relations Communication. 4 Credits.
Advanced writing lab emphasizing business communication, direct-to-consumer strategies and techniques, and effective use of web-based communication strategies. Journalism: public relations majors only.

J553. Strategic Planning and Cases. 4 Credits.
Campaign planning, administration, crisis communication, and issues management, encompassing research, writing objectives and tactics, evaluation methods, and constructing budgets and timelines. Journalism: public relations majors only.

J554. Public Relations Campaigns. 4 Credits.
Capstone course applying theory, skills, and a team-based approach to researching, planning, presenting, and implementing a campaign for a client. Professional portfolios presented and reviewed. Journalism: public relations majors only.
Prereq: J 552, J 553; one from J 594, J 595.

J557. Curiosity for Strategists. 4 Credits.
Explores the building of intellectual curiosity as a problem-solving technique within the context of culture and media. Emphasis: critical thinking, readings, projects, performance. Journalism: advertising majors only.

J558. Writing Design Concepts. 4 Credits.
Conceptual problem-solving for traditional and emerging media. Emphasis: conceptual development, advertising writing, design, campaigns, presentation of developed work. Journalism: advertising majors only.

J559. Branding and Content. 4 Credits.
Capstone course on brand portfolio development for writers, art directors, and strategists. Emphasis: production, multiple-platform creative development, industry-focused portfolios. Journalism: advertising majors only.

J560. Brand Development: [Topic]. 4 Credits.
Revolving topics on emerging issues in branding and advertising, including strategies in digital and interactive brand solutions, media decision-making, and sustainability. Journalism: advertising majors only. Repeatable when topic changes.
J 556.

J561. Newspaper Editing. 4 Credits.
Copyediting, headline writing, and page design for newspapers in print and online; emphasis on grammar and style. Journalism majors only.

J562. Reporting II. 4 Credits.
In-depth reporting on public affairs and community news. Journalism majors only.

J563. Specialized Reporting. 1-4 Credits.
Reporting special topics, including the environment, business and economics, politics, health and medicine, science, and the arts; and digital and multiplatform journalism. Journalism majors only.

J566. Advanced Photojournalism: [Topic]. 4 Credits.
Intensive visual reporting techniques, with emphasis on digital production, color, lighting, in-depth storytelling, documentary, and portfolio. Majors only. Repeatable three times for a maximum of 16 credits when topic changes.

J567. Issues in International Communication: [Topic]. 4 Credits.
Topics focus on global media issues. Majors only. Repeatable twice for a maximum of 12 credits when topic changes.

J568. Advanced News Editing. 4 Credits.
Advanced training in news editing under newsroom conditions. Discussion of issues in editing, headline writing, and news judgment. Includes work with web-based journalism. Focus on teamwork. Journalism majors only.
Prereq: J 561 with a grade of mid-C or better.

J569. OR Magazine. 4 Credits.
Building skills in journalistic storytelling and multimedia production of a digital magazine for distribution via mobile devices. Repeatable once for a maximum of 8 credits.

J572. Feature Writing II. 4 Credits.
In-depth story research and advanced feature writing for print and online markets. Individual conferences. Journalism majors only.

J573. Feature Editing. 4 Credits.
In-depth story research and advanced feature writing for print and online markets. Individual conferences. Journalism majors only.

J574. Magazine Industry and Strategies. 4 Credits.
How editors plan issues and interact with colleagues in circulation, graphics, production, and advertising. Trends, strategies, and ethics. Journalism majors only.

J575. Flux Production. 1-5 Credits.
Repeatable. Planning and production of "Flux" magazine. Students make and carry out assignments, write and edit stories, take photos, shoot video, sell advertising, and design the magazine. Repeatable for a maximum of 12 credits.

J580. Public Relations: [Topic]. 4 Credits.
Addresses a specific theory, method, or issue in the study and practice of public relations, such as international practice or strategic use of new media. Repeatable thrice when topic changes for a maximum of 16 credits.

J583. The Journalistic Interview. 4 Credits.
Gathering information through asking questions. Literature and research findings on techniques of listening, nonverbal communication, and psychological dynamics of the interview relationship in journalistic situations. Journalism majors only.

J595. Research Methods: [Topic]. 4 Credits.
Uses a variety of quantitative and qualitative methods to examine concepts and processes of research used in such areas as advertising, public relations, journalism, strategic communication, and communication studies. Journalism majors only. Repeatable when topic changes for a maximum of 12 credits.

J596. Communication Ethics and Law: [Topic]. 4 Credits.
Analyses of ethical and legal issues confronting the communications industry using various ethical and legal theories, readings, and cases relevant to the specific topic. Repeatable when topic changes. Majors only.

J601. Research: [Topic]. 1-6 Credits.
Repeatable for maximum of 16 credits.

J602. Supervised College Teaching. 1-5 Credits.
Repeatable for maximum of 5 credits.

J603. Dissertation. 1-16 Credits.
Repeatable for maximum of 18 credits.

J604. Internship: [Topic]. 1-4 Credits.
Repeatable for maximum of 4 credits.

J605. Reading and Conference: [Topic]. 1-6 Credits.
Repeatable for maximum of 16 credits.

J606. Special Problems: [Topic]. 1-6 Credits.
Repeatable for maximum of 16 credits.

J607. Seminar: [Topic]. 1-5 Credits.
Repeatable.

J608. Workshop: [Topic]. 1-6 Credits.
Repeatable for maximum of 16 credits.

J609. Terminal Project. 1-6 Credits.
Repeatable for maximum of 6 credits.

J610. Experimental Course: [Topic]. 1-5 Credits.
Repeatable.

J611. Mass Communication and Society. 4 Credits.
Review of the literature of mass communication. Introduction to graduate study in journalism and communication.

J616. Introduction to Strategic Communication Marketing. 4 Credits.
Discussion of fundamental marketing concepts from the perspective of the manager. Analysis of complex marketing challenges in research, segmentation, targeting, pricing, distribution, and branding.

J617. Strategic Communication Theory and Research: [Topic]. 4 Credits.
Theory, research, and practice of strategic communication. Topics may include relationship management, risk communication, identity and culture, and social media theory. Repeatable when topic changes for a maxium of 20 credits.
Prereq: graduate standing.

J618. Strategic Communication Management. 4 Credits.
Elements of managing and leading organizations; examination of key issues faced by leaders. Topics include leadership theory, leading change, dealing with conflict, and performance and strategic management.

J619. Teaching and the Professional Life. 4 Credits.
Explores teaching strategies, curriculum development, and other aspects of academic professional life in journalism and communication.

J621. Foundations of Strategic Communication. 4 Credits.
Reviews major theories, models, and practices in strategic communications. Theoretical topics include media effects and persuasion as applied to public relations, advertising, and other strategic communication.

J623. Creativity in Strategic Communication. 4 Credits.
Explores the use of creative conceptual thinking as part of the strategic basis in successful communication campaigns.

J624. Strategic Communication: [Topic]. 2 Credits.
Explores problems and specialized skills needed in strategic communication management. Examples include crisis communication, creativity in business, corporate social responsibility. Repeatable with change in topic.

J626. Strategic Marketing Communication. 4 Credits.
Examination, evaluation, and integration of advertising, public relations, sales promotion, direct marketing, social media, sponsorship and events, packaging, customer service, and personal selling.

J638. Story and Commerce. 4 Credits.
Explores the changing face of narrative journalism as it investigates the new commercial opportunities for the professional journalist. Taught once or more per academic year.

J640. Proseminar I. 5 Credits.
Overview of theories used to study mediated communication, mass communication, and communication technologies; theory application to media processes; discussion of enduring issues in the field.
Prereq: doctoral standing.

J641. Qualitative Research Methods. 4 Credits.
Introduces qualitative research methods including traditional historical inquiry, oral history, ethnography, and participant observation.

J642. Quantitative Research Methods. 4 Credits.
Introduces and analyzes quantitative research methods in terms of design, measurement, inference, and validity. Focuses on conceptualization in communication research.

J643. Proseminar II. 5 Credits.
Seminar participants demonstrate competence in broad families of social research by drawing on skills and knowledge obtained in J 640, J 641, and J 642.
Prereq: J 640, 641, 642.

J644. Philosophy of Communication. 4 Credits.
Explores the philosophical foundations of communication in the United States, including political philosophies that range from Milton to McLuhan.

J646. Political Economy of Communication. 4 Credits.
Introduction to the political economy of communication. Includes such issues as ownership and control patterns; the role of the state; labor; intellectual property rights; and international markets.

J647. Theoretical Foundations of Communication Ethics. 4 Credits.
Exploration of ethical theories and issues related to the mass media and other relevant forms of mass communication.

J648. Cultural Approaches to Communication. 4 Credits.
Examination of communication and mediated communication as cultural processes in the production and reproduction of social systems.

J649. International Communication. 4 Credits.
Examines global communication structures and processes and their consequences. Topics include new technologies, news and information organizations, cross-cultural uses of Western media, and information policies.

J660. Advanced Research Methods: [Topic]. 4 Credits.
Explores specific qualitative or quantitative communication research methods. Topics may include discourse analysis, oral history, historical methods, legal methods, content analysis, and survey methods. Repeatable when topic changes.
Prereq: J 641 or J 642, depending on topic.

Media Studies

- **Master of Arts**
- **Master of Science**
- **Doctor of Philosophy**

Graduate Studies

The master of arts (MA) and master of science (MS) programs at the University of Oregon School of Journalism and Communication seek to expose students to a wide range of ideas concerning the structure, function, and role of the media in society.

The professional journalism master's program offers a twelve- to fifteen-month program designed for those holding bachelor's degrees but who have little or no academic or professional journalistic or media background. Graduate students in this program acquire professional skills.

The Portland-based multimedia journalism master's program, offered evenings and weekends, is designed to prepare experienced journalists with the skills needed for multimedia storytelling and for the entrepreneurial imperatives of the contemporary media business environment.

The Portland-basedstrategic communication master's program, offered evenings and weekends, provides advanced conceptual and tactical skills for working professionals in industries such as public relations, advertising, marketing communication, and corporate communication.

Information about and applications for graduate programs are available on the School of Journalism and Communication website.

Financial Assistance

The school provides a number of graduate scholarships and graduate teaching fellowships. Scholarships range from $500 to $15,000. Fellowships include a complete tuition waiver and a stipend for the academic year. Graduate teaching fellows assist faculty members with teaching, research, and administrative responsibilities.

Admission materials and applications for scholarships, fellowships, and other financial assistance must be submitted by the deadlines stated under Admission Requirements. Applicants may apply for both a scholarship and a fellowship.

International Students

A firm mastery of English, including American mass-communication idiom, is necessary for success at the graduate level. International students who lack such mastery are required to attend courses at the American English Institute on campus before participating in the graduate program. Though these courses do not carry graduate credit, they qualify to meet students' visa requirements. The best time to enroll in the institute's courses is the summer session preceding the first term in the graduate program.

Admission Requirements

Admission to the graduate program is granted for fall term for media studies, multimedia journalism, and strategic communication; summer session for the Eugene-based professional master's degree in journalism. Application materials are the same for the master's and the doctoral programs. Applicants to the master's programs must have received a BS or BA or equivalent prior to the first term of enrollment; applicants to the doctoral program must have received an MA or MS or equivalent. To be considered for admission, an applicant must submit the following:

1. Official transcripts from all institutions where undergraduate and graduate work was completed. The minimum undergraduate GPA for admission is 3.00. In exceptional cases, an applicant with a lower GPA may be admitted conditionally
2. *Optional:* Official Graduate Record Examination (GRE) scores no more than five years old
3. A 750- to 1,000-word essay describing the applicant's academic and career goals
4. An up-to-date résumé
5. A portfolio, string book, clips, tapes, or other evidence of relevant professional work or evidence of scholarly writing and research. Doctoral applicants may include a copy of a master's thesis
6. Three letters of recommendation—preferably two from academic sources
7. International students must also submit documentation for
   a. Either a Test of English as a Foreign Language (TOEFL) score of 100 or better or an International English Language Testing System (IELTS) score of 7 or better
   b. A score on the Test of Spoken English (TSE). A minimum score is not required for the TSE

Application deadlines

- Doctoral program:January 1
- Media studiesmaster's degree: February 1
- Journalismmaster's degree: Application review beginsFebruary 1
- Strategic communicationmaster's degree (Portland): Application review beginsFebruary 1
- Multimedia journalismmaster's degree (Portland): Application review beginsMarch 1

- Admission to the graduate program is granted for fall term(summer session for professional master's program students in the Eugene-based journalism ***only***; designate summer session as the start date on your application for admission)
- Strategic communications, multimedia journalism, and journalism: Application review begins soon after the dates above until all available spots in the program are filled

Advising

An advisor is appointed for each graduate student in the school by the director of graduate studies.

Course programs for graduate students are planned individually in consultation with advisors. Graduate students should meet with their advisors at least once a term.

Requirements for Graduation

A graduate student in the School of Journalism and Communication cannot elect the pass/no pass (P/N) option for a graduate course offered by the school unless that course is offered P/N only.

Master's Degree Program in Media Studies

This major emphasizes communication theory and research, possibly preparatory to work for a PhD degree. An undergraduate education in journalism and communication or professional experience is required for admission. Candidates for this MA or MS degree must earn at least 46 graduate credits with a cumulative GPA of 3.00 or higher. Courses that do not carry graduate credit do not count toward the 46-credit minimum and are not considered in determining the graduate GPA.

Please note: The requirements below are under revision. Please see the School of Journalism and Communication website for the current requirements.

Master of Arts Degree Requirements

J611	Mass Communication and Society [1]	4
J640	Proseminar I [1]	5
Select one of the following:		8
Option 1		
J641	Qualitative Research Methods	
orJ642	Quantitative Research Methods	
Methodology course (inside or outside the School of Journalism and Communication)		
Option 2		
J641	Qualitative Research Methods	
J642	Quantitative Research Methods	
Additional 600-level courses in journalism [2]		4-12
Graduate courses outside journalism school [3]		8-16
J503	Thesis [4]	6-9
orJ609	Terminal Project	

1. Taken in the first year of graduate study.
2. Subject to approval by the school's graduate affairs committee.
3. The courses chosen must be part of a consistent, related, educationally enhancing plan that has been approved by the student's advisor prior to enrollment.
4. Approved and supervised by a faculty committee. A written proposal, approved by the advisor and committee, is required before work is begun on either a thesis or project. A student should register for Thesis (J503) or Terminal Project (J609) during the terms in which the research and writing occurs.

In addition, the master of arts requires second-year foreign language proficiency. See the Graduate School website for details.

Master of Science Degree Requirements

J611	Mass Communication and Society [1]	4
J640	Proseminar I [1]	5
Select one of the following:		8
Option 1		
J641	Qualitative Research Methods	
orJ642	Quantitative Research Methods	
Methodology course (inside or outside the School of Journalism and Communication)		
Option 2		
J641	Qualitative Research Methods	
J642	Quantitative Research Methods	
Additional 600-level courses in journalism [2]		4-12
Graduate courses outside journalism school [3]		8-16
J503	Thesis [4]	6-9
orJ609	Terminal Project	

1. Taken in the first year of graduate study.
2. Subject to approval by the school's graduate affairs committee.
3. The courses chosen must be part of a consistent, related, educationally enhancing plan that has been approved by the student's advisor prior to enrollment.
4. Approved and supervised by a faculty committee. A written proposal, approved by the advisor and committee, is required before work is begun on either a thesis or project. A student should register for Thesis (J503) or Terminal Project (J609) during the terms in which the research and writing occurs.

Students typically take five or six terms to complete the program.

The curriculum in media studies is in the process of being revised. Check the journalism school website for the most current degree requirements.

Doctoral Degree Program

The PhD degree program in media studiestrains candidates to do research on a broad array of interdisciplinary questions related tocommunication and society. The school features course work that explores the cultural, economic, and political aspects ofcommunication and society. Three overlapping areas of faculty and program strength are media institutions; ethics, law, and policy; and international and multicultural communication. The program emphasizes an appreciation of quantitative and qualitative methodologies and offers faculty expertise in content analysis, survey methodology, historical and legal methods, discourse analysis, ethnography, and oral history. Faculty members in departments and schools outside the School of Journalism and Communication have complementary areas of conceptual and methodological expertise to assist in guiding doctoral research.

Doctor of Philosophy Degree

Candidates for the PhD degree in media studiestypically take about 80 graduate-level credits of course work beyond the master's degree; the exact number of credits depends on the student's graduate-study experience. The program concludes with a dissertation. Specific requirements follow.

Please note: The requirements below are under revision.Please see the School of Journalism and Communication website for the current requirements.

J640	Proseminar I [1]	5
J641	Qualitative Research Methods [1]	4
J642	Quantitative Research Methods [1]	4
J643	Proseminar II [1]	5
Courses in outside field [2]		18
Two additional methods courses [3]		8
At least three 600-level courses (611 and above) within the School of Journalism and Communication [4]		12
J619	Teaching and the Professional Life [5]	4
J603	Dissertation [6]	18
Total Credits		**78**

1. Completed within the first three terms of study.
2. In close consultation with an academic advisor and the school's graduate studies director, each student designs an integrated outside-field component for his or her program. Because the program stresses the interconnection of communication with other disciplines, the outside field may involve more than one outside department.
3. Taken within or outside the school.
4. Subject to approval by the school's graduate affairs committee. J601–610 do not count toward this requirement. In some cases, appropriate courses from outside the journalism school may count toward this requirement.
5. Appropriate teaching experiences are arranged following completion of the course.
6. A professionally central experience in the design, conduct, and dissemination of original research. It is written after the student's proposed dissertation topic is approved.

The curriculum in media studies is in the process of being revised. Check the journalism school website for the most current degree requirements.

Additional Requirements

- After course work is complete, the student, the graduate studies director, and the student's comprehensive examination committee schedule an examination that requires a synthesis of what the student has learned.
- After passing the comprehensive examination, the student writes a dissertation proposal. The proposal must be approved in writing at a meeting of the dissertation committee, usually within one term of the comprehensive exam. The committee must approve the proposal before the student may advance to candidacy and enroll in dissertation credits.

Courses

J100. Media Professions. 2 Credits.
Introduction to dynamic media and communication professions, opportunities, and issues, as well as to majors in journalism and communication.

J101. Grammar for Communicators. 2 Credits.
Intensive review of grammar, word use, spelling, and principles of clear, concise writing. Introduction to media style. Premajor status required.

J196. Field Studies: [Topic]. 1-2 Credits.
Repeatable.

J198. Colloquium: [Topic]. 1-2 Credits.
Repeatable.

J199. Special Studies: [Topic]. 1-5 Credits.
Repeatable.

J201. Media and Society. 4 Credits.
Introduction to the critical examination of the roles of media in society.

J205. Gateway to Media I. 4 Credits.
Integrates critical thinking with professional media skills needed for nonfiction storytelling in a multimedia environment. Sequence with J 206 and J 207. Majors only.
Coreq: J 206.

J206. Gateway to Media II. 4 Credits.
Integrates critical thinking, creative thinking, and basic skills for nonfiction storytelling through words, photos, audio, and video. Sequence with J 205 and J 207. Majors only.
Coreq: J 205.

J207. Gateway to Media III. 4 Credits.
Integrates critical thinking and intermediate nonfiction storytelling across media platforms. Sequence with J 205 and J 206. Majors only.
Prereq: J 205, 206.

J208. Introduction to Documentary Production. 4 Credits.
Introduction to the theory and practice of documentary production. Focuses on aesthetics, technology, research, and writing fundamentals of documentary making, covering preproduction, production and postproduction. Cinema studies majors only.
Prereq: J 201, ENG 260; two from ENG 265, 266, 267.

J209. Understanding Media. 4 Credits.
Enhances media literacy through examination of contemporary issues in media use and practice, the media as popular culture, and ways the media affect participation in public discourse. For nonmajors.

J314. Introduction to Media Studies. 4 Credits.
Presents a historical overview of the study of media, with in-depth discussion of primary theoretical approaches and their application to the current media environment. Majors only.
Prereq: J 201 with a grade of mid-C or better.

J315H. Honors Media Theory and Research. 4 Credits.
Foundation course for honors program. Introduction to seminal theories in communication; overview of methodologies used in the study of theories. Acceptance into School of Journalism and Communication honors program required for enrollment.

J320. Gender, Media, and Diversity. 4 Credits.
Critical study of the media with regard to gender, race, ethnicity, and other social divisions. Ramification and possible mechanisms of change.
Prereq: J 201 with a grade of mid-C or better.

J331. Digital Video Production. 4 Credits.
Introduction to techniques of single-camera field video production. Journalism and cinema studies majors only.
Prereq: J 207 with a grade of mid-C or better or J 208 with a grade of mid-C or better.

J333. Writing for Multimedia. 4 Credits.
Introduction to the process and practice of writing for multimedia, including print, audio-video, computer-assisted presentation, web-based applications, and striking the balance between word and image. Journalism majors or multimedia minor standing only.
Prereq: ARTD 250, 251, 252.

J340. Principles of Advertising. 4 Credits.
Role of advertising in the distribution of goods and services; the advertising agency; the campaign; research and testing; the selection of media: print, electronic, outdoor advertising, direct mailing. Not for journalism: advertising majors.

J342. The Creative Strategist. 4 Credits.
Creative approaches to ideation and strategic thinking for all advertising specialties. Emphasis on creative process, generative techniques, teamwork, career planning, industry trends. Journalism: advertising majors only.
Prereq: J 205, 206.

J350. Principles of Public Relations. 4 Credits.
Overview of public relations practice in a diverse global society, including theory, career opportunities, history, communication forms and channels, and legal and ethical concerns.

J352. Strategic Writing and Media Relations. 4 Credits.
Writing-intensive lab; students produce strategic, theory-based content for multiple media platforms using various journalistic styles and storytelling skills and incorporating ethical media-relations practices.
Prereq: J 205, 206, 207, 350 with a grade of mid-C or better.

J361. Reporting I. 4 Credits.
News gathering and writing. Extensive writing in class and outside of class in a variety of forms: news, features, interviews, multimedia scripts. Journalism majors only.
Prereq: J 205, 206 with a grade of mid-C or better.

J365. Photojournalism. 4 Credits.
Visual reporting techniques, with emphasis on practice, law, and ethics of photojournalism and photographic communication. Laboratory and portfolio-intensive. Majors only.
Prereq: J 205, J 206 with a grade of mid-C or better.

J371. Feature Writing I. 4 Credits.
Introduction to feature writing for print and online media; marketing your ideas and stories. Journalism majors only.
Prereq: J 361 with a grade of mid-C or better.

J385. Communication Law. 4 Credits.
Legal aspects of the media: constitutional freedom of expression, news gathering, access to public records, libel, privacy, copyright, advertising, electronic media regulation, and antitrust.
Prereq: J 201 with a grade of mid-C or better.

J387. Media History. 4 Credits.
The changing structure and character of the media in the United States.
Prereq: J 201 with a grade of mid-C or better.

J396. International Communication. 4 Credits.
National and cultural differences in media and information systems, global news and information flows, implications of rapid technological change, and communication and information policies.
Prereq: J 201 with a grade of mid-C or better.

J397. Media Ethics. 4 Credits.
Ethical problems in the media: privacy, violence, pornography, truth-telling, objectivity, media codes, public interest, media accountability.
Prereq: J 201 with a grade of mid-C or better.

J399. Special Studies: [Topic]. 1-5 Credits.
Repeatable.

J400M. Temporary Multilisted Course. 1-5 Credits.
Repeatable.

J401. Research: [Topic]. 1-9 Credits.
Repeatable.

J403. Thesis. 1-9 Credits.
Repeatable.

J404. Internship: [Topic]. 1-9 Credits.
Repeatable for maximum of 9 credits.

J405. Reading and Conference: [Topic]. 1-9 Credits.
Repeatable.

J406. Special Problems: [Topic]. 1-9 Credits.
Repeatable.

J407. Seminar: [Topic]. 1-4 Credits.
Repeatable.

J408. Workshop: [Topic]. 1-6 Credits.
Repeatable.

J409. Practicum: [Topic]. 1-4 Credits.
Repeatable.

J410. Experimental Course: [Topic]. 1-4 Credits.
Repeatable.

J412. Issues in Communication Studies: [Topic]. 4 Credits.
Uses a variety of theories and methods to examine specific aspects of media content, processes, and audiences. Repeatable when topic changes. Majors only.
Prereq: J 201 with a grade of mid-C or better.

J413. Communication Studies Capstone. 4 Credits.
Draws on skills and knowledge learned in other communications studies and related courses to demonstrate competence in broad areas of research.
Prereq: J 314 for 4 credits with grade of mid-C or better.

J416. Survey of the Documentary. 4 Credits.
Historical and critical survey of the documentary as a form of artistic expression and an instrument of social commentary. Majors, cinema studies majors, and communication studies minors only.
Prereq: J 201 with grade of mid-C or better.

J421. Documentary Production. 4 Credits.
Workshop in preparation, shooting, and postproduction of the short documentary. Journalism and cinema studies majors only.
Prereq: J 331 with a grade of mid-C or better.

J424H. Honors Theory and Research: [Topic]. 4 Credits.
Uses a variety of theories and methods to closely examine and analyze contemporary problems and situations in media and communications. Acceptance into School of Journalism and Communication honors program required for enrollment. Repeatable once when topic changes for a maximum of 8 credits.

J427M. Latino Roots I. 4 Credits.
Documents Latino history in the racial history of what is now Oregon since 1500 and teaches students to conduct oral history interviews. Multilisted with ANTH 427M/527M. Sequence with J 428M/528M. Offered alternate years.

J428M. Latino Roots II. 4 Credits.
Continuation of Latino Roots I, designed for producing a short documentary using oral history as the story. Covers basic theory and practice of digital film-video documentary production. Multilisted with ANTH 428M/528M. Sequence with J 427M/527M. Offered alternate years.
Prereq: J 427M.

J432. Reporting for Electronic Media. 4 Credits.
Training in gathering, production, and presentation of news for the electronic media. Journalism majors only.
Prereq: J 331, J 361 with a grade of mid-C or better.

J434. Advanced Television News. 4 Credits.
News gathering and production for television. Students produce live programming for local cable systems. Journalism majors only.
Prereq: J 331, J 361, J 432 with a grade of mid-C or better.

J436. Media Design: [Topic]. 4 Credits.
Focuses on issues and techniques in picture and graphic editing, typography, and work-picture composition and interaction for long-form visual storytelling across legacy- and emerging-media platforms. Repeatable twice for a maximum of 12 credits.
Prereq: J 361 with a mid-C or better.

J443. Advertising Media Planning. 4 Credits.
Objectives and strategy for determining effective methods of reaching a designated target audience. Use of media measurement tools. Journalism: advertising majors only.
Prereq: J 207, 342 with a grade of mid-C or better.

J444. Agency Account Management. 4 Credits.
The role of the account executive in the advertising agency examined through case studies. Journalism: advertising majors only.
Prereq: J 205, 206, 207, 342 with a grade of mid-C or better.

J448. Advertising Campaigns. 4 Credits.
Seniors produce a comprehensive campaign involving every aspect of advertising, ranging from market research through creative and media strategy formulation to execution. Journalism: advertising majors only.
Prereq: three from J 443/543, 444/544, 457/557, 458/558, 459/559, 460/560 with a grade of mid-C or better.

J449. Advanced Advertising Campaigns. 5 Credits.
Team experience of creating a professional-level advertising plan. Students participate in a national competition. Journalism: advertising majors only.

J452. Strategic Public Relations Communication. 4 Credits.
Advanced writing lab emphasizing business communication, direct-to-consumer strategies and techniques, and effective use of web-based communication strategies. Journalism: public relations majors only.
Prereq: J 352 with a grade of mid-C or better.

J453. Strategic Planning and Cases. 4 Credits.
Campaign planning, administration, crisis communication, and issues management, encompassing research, writing objectives and tactics, evaluation methods, and constructing budgets and timelines. Journalism: public relations majors only.
Prereq: J 352 with a grade of mid-C or better.

J454. Public Relations Campaigns. 4 Credits.
Capstone course applying theory, skills, and a team-based approach to researching, planning, presenting, and implementing a campaign for a client. Professional portfolios presented and reviewed. Journalism: public relations majors only.
Prereq: J 452, J 453; one from J 494, J 495 with a grade of mid-C or better.

J457. Curiosity for Strategists. 4 Credits.
Explores the building of intellectual curiosity as a problem-solving technique within the context of culture and media. Emphasis: critical thinking, readings, projects, performance. Journalism: advertising majors only.
Prereq: J 205, 206, 207, 342 with a grade of mid-C or better.

J458. Writing Design Concepts. 4 Credits.
Conceptual problem-solving for traditional and emerging media. Emphasis: conceptual development, advertising writing, design, campaigns, presentation of developed work. Journalism: advertising majors only.
Prereq: J 205, 206, 207, 342 with a grade of mid-C or better.

J459. Branding and Content. 4 Credits.
Capstone course on brand portfolio development for writers, art directors, and strategists. Emphasis: production, multiple-platform creative development, industry-focused portfolios. For Journalism: advertising majors only.
Prereq: J 205, 206, 207, 342 with a grade of mid-C or better.

J460. Brand Development: [Topic]. 4 Credits.
Revolving topics on emerging issues in branding and advertising, including strategies in digital and interactive brand solutions, media decision-making, and sustainability. Journalism: advertising majors only. Repeatable when topic changes.
Prereq: J 205, 206, 207, 342 with a grade of mid-C or better.

J461. Newspaper Editing. 4 Credits.
Copyediting, headline writing, and page design for newspapers in print and online; emphasis on grammar and style. Journalism majors only.
Prereq: J 361 or equivalent with a grade of mid-C or better.

J462. Reporting II. 4 Credits.
In-depth reporting on public affairs and community news. Journalism majors only.
Prereq: J 361 with a grade of mid-C or better.

J463. Specialized Reporting: [Topic]. 1-4 Credits.
Reporting special topics, including the environment, business and economics, politics, health and medicine, science, and the arts; and digital and multiplatform journalism. Journalism majors only. Repeatable.
Prereq: J 361 with a grade of mid-C or better.

J466. Advanced Photojournalism: [Topic]. 4 Credits.
Intensive visual reporting techniques, with emphasis on digital production, color, lighting, in-depth storytelling, documentary, and portfolio. Majors only. Repeatable three times for a maximum of 16 credits when topic changes.
Prereq: J 365 with a grade of mid-C or better.

J467. Issues in International Communication: [Topic]. 4 Credits.
Topics focus on global media issues. Majors and minors only; cinema studies majors for approved topics. Repeatable twice for a maximum of 12 credits when topic changes.
Prereq: J 201 with a grade of mid-C or better.

J468. Advanced News Editing. 4 Credits.
Advanced training in news editing under newsroom conditions. Discussion of issues in editing, headline writing, and news judgment. Includes work with web-based journalism. Focus on teamwork. Journalism majors only.
Prereq: J 461 with a grade of mid-C or better.

J469. OR Magazine. 4 Credits.
Building skills in journalistic storytelling and multimedia production of a digital magazine for distribution via mobile devices. Repeatable once for a maximum of 8 credits.

J472. Feature Writing II. 4 Credits.
In-depth story research and advanced feature writing for print and online markets. Individual conferences. Journalism majors only.
Prereq: J 361, J 371 with a grade of mid-C or better.

J473. Feature Editing. 4 Credits.
In-depth story research and advanced feature writing for print and online markets. Individual conferences. Journalism majors only.
Prereq: J 361, J 371 with a grade of mid-C or better.

J474. Magazine Industry and Strategies. 4 Credits.
How editors plan issues and interact with colleagues in circulation, graphics, production, and advertising. Trends, strategies, and ethics. Journalism majors only.
Prereq: J 361, J 371 with a grade of mid-C or better.

J475. Flux Production. 1-5 Credits.
Repeatable. Planning and production of "Flux" magazine. Students make and carry out assignments, write and edit stories, take photos, shoot video, sell advertising, and design the magazine. Repeatable for a maximum of 12 credits.
Prereq: J 361 with a grade of mid-C or better.

J480. Public Relations: [Topic]. 4 Credits.
Addresses a specific theory, method, or issue in the study and practice of public relations, such as international practice or strategic use of new media. Repeatable thrice when topic changes for a maximum of 16 credits.

J483. The Journalistic Interview. 4 Credits.
Gathering information through asking questions. Literature and research findings on techniques of listening, nonverbal communication, and psychological dynamics of the interview relationship in journalistic situations. Journalism majors only.
Prereq: J 361 with a grade of mid-C or better.

J494. Strategic Communications Research. 4 Credits.
Introduction to how and why research is conducted and used by public relations and advertising professionals to formulate strategic campaigns and evaluate their effectiveness. Majors only.
Prereq: J 342 or J 350.

J495. Research Methods: [Topic]. 4 Credits.
Uses a variety of quantitative and qualitative methods to examine concepts and processes of research used in such areas as advertising, public relations, journalism, strategic communication, and communication studies. Majors and minors only. Repeatable when topic changes for a maximum of 12 credits.
Prereq: J 201 with a grade of mid-C or better.

J496. Communication Ethics and Law: [Topic]. 4 Credits.
Analyses of ethical and legal issues confronting the communications industry using various ethical and legal theories, readings, and cases relevant to the specific topic. Repeatable when topic changes. Majors and minors only.
Prereq: J 201 with a grade of mid-C or better.

J503. Thesis. 1-9 Credits.
Repeatable.

J507. Seminar: [Topic]. 1-4 Credits.
Repeatable.

J508. Workshop: [Topic]. 1-6 Credits.
Repeatable.

J510. Experimental Course: [Topic]. 1-4 Credits.
Repeatable.

J512. Issues in Communication Studies: [Topic]. 4 Credits.
Uses a variety of theories and methods to examine specific aspects of media content, processes, and audiences. Repeatable when topic changes. Majors only.

J516. Survey of the Documentary. 4 Credits.
Historical and critical survey of the documentary as a form of artistic expression and an instrument of social commentary. Majors, cinema studies majors, and communication studies minors only.

J521. Documentary Production. 4 Credits.
Workshop in preparation, shooting, and postproduction of the short documentary. Journalism and cinema studies majors only.

J527M. Latino Roots I. 4 Credits.
Documents Latino history in the racial history of what is now Oregon since 1500 and teaches students to conduct oral history interviews. Multilisted with ANTH 427M/527M. Sequence with J 428M/528M. Offered alternate years.

J528M. Latino Roots II. 4 Credits.
Continuation of Latino Roots I, designed for producing a short documentary using oral history as the story. Covers basic theory and practice of digital film-video documentary production. Multilisted with ANTH 428M/528M. Sequence with J 427M/527M. Offered alternate years.
Prereq: J 527M.

J532. Reporting for Electronic Media. 4 Credits.
Training in gathering, production, and presentation of news for the electronic media. Journalism majors only.

J534. Advanced Television News. 4 Credits.
News gathering and production for television. Students produce live programming for local cable systems. Journalism majors only.
Prereq: J 532 with a grade of mid-C or better.

J536. Media Design: [Topic]. 4 Credits.
Focuses on issues and techniques in picture and graphic editing, typography, and work-picture composition and interaction for long-form visual storytelling across legacy- and emerging-media platforms. Repeatable twice for a maximum of 12 credits.

J543. Advertising Media Planning. 4 Credits.
Objectives and strategy for determining effective methods of reaching a designated target audience. Use of media measurement tools. Journalism: advertising majors only.

J544. Agency Account Management. 4 Credits.
The role of the account executive in the advertising agency examined through case studies. Journalism: advertising majors only.

J548. Advertising Campaigns. 4 Credits.
Graduate students produce a comprehensive campaign involving every aspect of advertising, ranging from market research through creative and media strategy formulation to execution. Journalism: advertising majors only.
Prereq: three from J 443/543, 444/544, 456/556, 457/557, 458/558, 459/559, 460/560.

J549. Advanced Advertising Campaigns. 5 Credits.
Team experience of creating a professional-level advertising plan. Students participate in a national competition. Journalism: advertising majors only.

J552. Strategic Public Relations Communication. 4 Credits.
Advanced writing lab emphasizing business communication, direct-to-consumer strategies and techniques, and effective use of web-based communication strategies. Journalism: public relations majors only.

J553. Strategic Planning and Cases. 4 Credits.
Campaign planning, administration, crisis communication, and issues management, encompassing research, writing objectives and tactics, evaluation methods, and constructing budgets and timelines. Journalism: public relations majors only.

J554. Public Relations Campaigns. 4 Credits.
Capstone course applying theory, skills, and a team-based approach to researching, planning, presenting, and implementing a campaign for a client. Professional portfolios presented and reviewed. Journalism: public relations majors only.
Prereq: J 552, J 553; one from J 594, J 595.

J557. Curiosity for Strategists. 4 Credits.
Explores the building of intellectual curiosity as a problem-solving technique within the context of culture and media. Emphasis: critical thinking, readings, projects, performance. Journalism: advertising majors only.

J558. Writing Design Concepts. 4 Credits.
Conceptual problem-solving for traditional and emerging media. Emphasis: conceptual development, advertising writing, design, campaigns, presentation of developed work. Journalism: advertising majors only.

J559. Branding and Content. 4 Credits.
Capstone course on brand portfolio development for writers, art directors, and strategists. Emphasis: production, multiple-platform creative development, industry-focused portfolios. Journalism: advertising majors only.

J560. Brand Development: [Topic]. 4 Credits.
Revolving topics on emerging issues in branding and advertising, including strategies in digital and interactive brand solutions, media decision-making, and sustainability. Journalism: advertising majors only. Repeatable when topic changes.
J 556.

J561. Newspaper Editing. 4 Credits.
Copyediting, headline writing, and page design for newspapers in print and online; emphasis on grammar and style. Journalism majors only.

J562. Reporting II. 4 Credits.
In-depth reporting on public affairs and community news. Journalism majors only.

J563. Specialized Reporting. 1-4 Credits.
Reporting special topics, including the environment, business and economics, politics, health and medicine, science, and the arts; and digital and multiplatform journalism. Journalism majors only.

J566. Advanced Photojournalism: [Topic]. 4 Credits.
Intensive visual reporting techniques, with emphasis on digital production, color, lighting, in-depth storytelling, documentary, and portfolio. Majors only. Repeatable three times for a maximum of 16 credits when topic changes.

J567. Issues in International Communication: [Topic]. 4 Credits.
Topics focus on global media issues. Majors only. Repeatable twice for a maximum of 12 credits when topic changes.

J568. Advanced News Editing. 4 Credits.
Advanced training in news editing under newsroom conditions. Discussion of issues in editing, headline writing, and news judgment. Includes work with web-based journalism. Focus on teamwork. Journalism majors only.
Prereq: J 561 with a grade of mid-C or better.

J569. OR Magazine. 4 Credits.
Building skills in journalistic storytelling and multimedia production of a digital magazine for distribution via mobile devices. Repeatable once for a maximum of 8 credits.

J572. Feature Writing II. 4 Credits.
In-depth story research and advanced feature writing for print and online markets. Individual conferences. Journalism majors only.

J573. Feature Editing. 4 Credits.
In-depth story research and advanced feature writing for print and online markets. Individual conferences. Journalism majors only.

J574. Magazine Industry and Strategies. 4 Credits.
How editors plan issues and interact with colleagues in circulation, graphics, production, and advertising. Trends, strategies, and ethics. Journalism majors only.

J575. Flux Production. 1-5 Credits.
Repeatable. Planning and production of "Flux" magazine. Students make and carry out assignments, write and edit stories, take photos, shoot video, sell advertising, and design the magazine. Repeatable for a maximum of 12 credits.

J580. Public Relations: [Topic]. 4 Credits.
Addresses a specific theory, method, or issue in the study and practice of public relations, such as international practice or strategic use of new media. Repeatable thrice when topic changes for a maximum of 16 credits.

J583. The Journalistic Interview. 4 Credits.
Gathering information through asking questions. Literature and research findings on techniques of listening, nonverbal communication, and psychological dynamics of the interview relationship in journalistic situations. Journalism majors only.

J595. Research Methods: [Topic]. 4 Credits.
Uses a variety of quantitative and qualitative methods to examine concepts and processes of research used in such areas as advertising, public relations, journalism, strategic communication, and communication studies. Journalism majors only. Repeatable when topic changes for a maximum of 12 credits.

J596. Communication Ethics and Law: [Topic]. 4 Credits.
Analyses of ethical and legal issues confronting the communications industry using various ethical and legal theories, readings, and cases relevant to the specific topic. Repeatable when topic changes. Majors only.

J601. Research: [Topic]. 1-6 Credits.
Repeatable for maximum of 16 credits.

J602. Supervised College Teaching. 1-5 Credits.
Repeatable for maximum of 5 credits.

J603. Dissertation. 1-16 Credits.
Repeatable for maximum of 18 credits.

J604. Internship: [Topic]. 1-4 Credits.
Repeatable for maximum of 4 credits.

J605. Reading and Conference: [Topic]. 1-6 Credits.
Repeatable for maximum of 16 credits.

J606. Special Problems: [Topic]. 1-6 Credits.
Repeatable for maximum of 16 credits.

J607. Seminar: [Topic]. 1-5 Credits.
Repeatable.

J608. Workshop: [Topic]. 1-6 Credits.
Repeatable for maximum of 16 credits.

J609. Terminal Project. 1-6 Credits.
Repeatable for maximum of 6 credits.

J610. Experimental Course: [Topic]. 1-5 Credits.
Repeatable.

J611. Mass Communication and Society. 4 Credits.
Review of the literature of mass communication. Introduction to graduate study in journalism and communication.

J616. Introduction to Strategic Communication Marketing. 4 Credits.
Discussion of fundamental marketing concepts from the perspective of the manager. Analysis of complex marketing challenges in research, segmentation, targeting, pricing, distribution, and branding.

J617. Strategic Communication Theory and Research: [Topic]. 4 Credits.
Theory, research, and practice of strategic communication. Topics may include relationship management, risk communication, identity and culture, and social media theory. Repeatable when topic changes for a maxium of 20 credits.
Prereq: graduate standing.

J618. Strategic Communication Management. 4 Credits.
Elements of managing and leading organizations; examination of key issues faced by leaders. Topics include leadership theory, leading change, dealing with conflict, and performance and strategic management.

J619. Teaching and the Professional Life. 4 Credits.
Explores teaching strategies, curriculum development, and other aspects of academic professional life in journalism and communication.

J621. Foundations of Strategic Communication. 4 Credits.
Reviews major theories, models, and practices in strategic communications. Theoretical topics include media effects and persuasion as applied to public relations, advertising, and other strategic communication.

J623. Creativity in Strategic Communication. 4 Credits.
Explores the use of creative conceptual thinking as part of the strategic basis in successful communication campaigns.

J624. Strategic Communication: [Topic]. 2 Credits.
Explores problems and specialized skills needed in strategic communication management. Examples include crisis communication, creativity in business, corporate social responsibility. Repeatable with change in topic.

J626. Strategic Marketing Communication. 4 Credits.
Examination, evaluation, and integration of advertising, public relations, sales promotion, direct marketing, social media, sponsorship and events, packaging, customer service, and personal selling.

J638. Story and Commerce. 4 Credits.
Explores the changing face of narrative journalism as it investigates the new commercial opportunities for the professional journalist. Taught once or more per academic year.

J640. Proseminar I. 5 Credits.
Overview of theories used to study mediated communication, mass communication, and communication technologies; theory application to media processes; discussion of enduring issues in the field.
Prereq: doctoral standing.

J641. Qualitative Research Methods. 4 Credits.
Introduces qualitative research methods including traditional historical inquiry, oral history, ethnography, and participant observation.

J642. Quantitative Research Methods. 4 Credits.
Introduces and analyzes quantitative research methods in terms of design, measurement, inference, and validity. Focuses on conceptualization in communication research.

J643. Proseminar II. 5 Credits.
Seminar participants demonstrate competence in broad families of social research by drawing on skills and knowledge obtained in J 640, J 641, and J 642.
Prereq: J 640, 641, 642.

J644. Philosophy of Communication. 4 Credits.
Explores the philosophical foundations of communication in the United States, including political philosophies that range from Milton to McLuhan.

J646. Political Economy of Communication. 4 Credits.
Introduction to the political economy of communication. Includes such issues as ownership and control patterns; the role of the state; labor; intellectual property rights; and international markets.

J647. Theoretical Foundations of Communication Ethics. 4 Credits.
Exploration of ethical theories and issues related to the mass media and other relevant forms of mass communication.

J648. Cultural Approaches to Communication. 4 Credits.
Examination of communication and mediated communication as cultural processes in the production and reproduction of social systems.

J649. International Communication. 4 Credits.
Examines global communication structures and processes and their consequences. Topics include new technologies, news and information organizations, cross-cultural uses of Western media, and information policies.

J660. Advanced Research Methods: [Topic]. 4 Credits.
Explores specific qualitative or quantitative communication research methods. Topics may include discourse analysis, oral history, historical methods, legal methods, content analysis, and survey methods. Repeatable when topic changes.
Prereq: J 641 or J 642, depending on topic.

Strategic Communication

The School of Journalism and Communication offers a graduate program in strategic communication based at the George S. Turnbull Portland Center. The program, offered evenings and weekends, provides advanced conceptual and tactical skills for working professionals in

industries such as public relations, advertising, marketing communication, and corporate communication.

- **Master of Arts**
- **Master of Science**

Graduate Studies

The strategic communication master's degree program is designed to be taken part-time. Classes meet evenings and weekends at the George S. Turnbull Portland Center, 70 NW Couch St.—the White Stag Block in downtown Portland. Students can complete the 48-credit program in two academic years (six terms) by taking as many as 9 course credits for each of six terms, plus at least 6 credits for a final project-portfolio course. Students may also choose to complete the program on a part-time basis and extend the total time to degree.

International Students

A firm mastery of English, including American mass-communication idiom, is necessary for success at the graduate level. International students who lack such mastery are required to attend courses at the American English Institute on campus before participating in the graduate program. Though these courses do not carry graduate credit, they qualify to meet students' visa requirements. The best time to enroll in the institute's courses is the summer session preceding the first term in the graduate program.

Admission Requirements

Admission to the graduate program is granted for fall term for media studies, multimedia journalism, and strategic communication; summer session for the Eugene-based professional master's degree in journalism. Application materials are the same for the master's and the doctoral programs. Applicants to the master's programs must have received a BS or BA or equivalent prior to the first term of enrollment; applicants to the doctoral program must have received an MA or MS or equivalent. To be considered for admission, an applicant must submit the following:

1. Official transcripts from all institutions where undergraduate and graduate work was completed. The minimum undergraduate GPA for admission is 3.00. In exceptional cases, an applicant with a lower GPA may be admitted conditionally
2. *Optional:* Official Graduate Record Examination (GRE) scores no more than five years old
3. A 750- to 1,000-word essay describing the applicant's academic and career goals
4. An up-to-date résumé
5. A portfolio, string book, clips, tapes, or other evidence of relevant professional work or evidence of scholarly writing and research. Doctoral applicants may include a copy of a master's thesis
6. Three letters of recommendation—preferably two from academic sources
7. International students must also submit documentation for
   a. Either a Test of English as a Foreign Language (TOEFL) score of 100 or better or an International English Language Testing System (IELTS) score of 7 or better
   b. A score on the Test of Spoken English (TSE). A minimum score is not required for the TSE

Application deadlines

- Doctoral program:January 1
- Media studiesmaster's degree: February 1
- Journalismmaster's degree: Application review beginsFebruary 1
- Strategic communicationmaster's degree (Portland): Application review beginsFebruary 1
- Multimedia journalismmaster's degree (Portland): Application review beginsMarch 1
- Admission to the graduate program is granted for fall term(summer session for professional master's program students in the Eugene-based journalism ***only***; designate summer session as the start date on your application for admission)
- Strategic communications, multimedia journalism, and journalism: Application review begins soon after the dates above until all available spots in the program are filled

Advising

An advisor is appointed for each graduate student in the school by the director of graduate studies.

Course programs for graduate students are planned individually in consultation with advisors. Graduate students should meet with their advisors at least once a term.

Requirements for Graduation

A graduate student in the School of Journalism and Communication cannot elect the pass/no pass (P/N) option for a graduate course offered by the school unless that course is offered P/N only.

Master's Degree Program

Strategic Communication Major

Successful applicants for this program typically have significant professional experience as well as strong academic credentials. Candidates for this MA or MS degree must earn at least 48 credits with a cumulative GPA of 3.00 or better. Courses that do not carry graduate credit do not count toward the graduate credit minimum and are not included in the GPA.

Master of Arts Degree Requirements

Strategic Communication Core		
J621	Foundations of Strategic Communication	4
J623	Creativity in Strategic Communication	4
J624	Strategic Communication: [Topic] (Project Management and Planning)	2
Course chosen in consultation with advisor		4
Business Core		
J624	Strategic Communication: [Topic] (Finance for Strategic Communication)	2
Three courses in marketing and management, chosen in consultation with advisor		12
Mass Communication Core		
J595	Research Methods: [Topic] (Strategic Communication)	4
J609	Terminal Project	6
J611	Mass Communication and Society	4
Professional Specialization Elective Core		

J624	Strategic Communication: [Topic] [1]	2
Elective chosen in consultation with advisor		4
Total Credits		**48**

[1] Topics vary by term. At least one workshop must be selected.

Master of Science Degree Requirements

Strategic Communication Core		
J621	Foundations of Strategic Communication	4
J623	Creativity in Strategic Communication	4
J624	Strategic Communication: [Topic] (Project Management and Planning)	2
Course chosen in consultation with advisor		4
Business Core		
J624	Strategic Communication: [Topic] (Finance for Strategic Communication)	2
Three courses in marketing and management, chosen in consultation with advisor		12
Mass Communication Core		
J595	Research Methods: [Topic] (Strategic Communication)	4
J609	Terminal Project	6
J611	Mass Communication and Society	4
Professional Specialization Elective Core		
J624	Strategic Communication: [Topic] [1]	2
Elective chosen in consultation with advisor		4
Total Credits		**48**

[1] Topics vary by term. At least one workshop must be selected.

Students typically take six terms to complete the master's program.

See the School of Journalism and Communication website for more detailed and up-to-date information about application requirements, the curriculum, and final project options.

Courses

J100. Media Professions. 2 Credits.
Introduction to dynamic media and communication professions, opportunities, and issues, as well as to majors in journalism and communication.

J101. Grammar for Communicators. 2 Credits.
Intensive review of grammar, word use, spelling, and principles of clear, concise writing. Introduction to media style. Premajor status required.

J196. Field Studies: [Topic]. 1-2 Credits.
Repeatable.

J198. Colloquium: [Topic]. 1-2 Credits.
Repeatable.

J199. Special Studies: [Topic]. 1-5 Credits.
Repeatable.

J201. Media and Society. 4 Credits.
Introduction to the critical examination of the roles of media in society.

J205. Gateway to Media I. 4 Credits.
Integrates critical thinking with professional media skills needed for nonfiction storytelling in a multimedia environment. Sequence with J 206 and J 207. Majors only.
Coreq: J 206.

J206. Gateway to Media II. 4 Credits.
Integrates critical thinking, creative thinking, and basic skills for nonfiction storytelling through words, photos, audio, and video. Sequence with J 205 and J 207. Majors only.
Coreq: J 205.

J207. Gateway to Media III. 4 Credits.
Integrates critical thinking and intermediate nonfiction storytelling across media platforms. Sequence with J 205 and J 206. Majors only.
Prereq: J 205, 206.

J208. Introduction to Documentary Production. 4 Credits.
Introduction to the theory and practice of documentary production. Focuses on aesthetics, technology, research, and writing fundamentals of documentary making, covering preproduction, production and postproduction. Cinema studies majors only.
Prereq: J 201, ENG 260; two from ENG 265, 266, 267.

J209. Understanding Media. 4 Credits.
Enhances media literacy through examination of contemporary issues in media use and practice, the media as popular culture, and ways the media affect participation in public discourse. For nonmajors.

J314. Introduction to Media Studies. 4 Credits.
Presents a historical overview of the study of media, with in-depth discussion of primary theoretical approaches and their application to the current media environment. Majors only.
Prereq: J 201 with a grade of mid-C or better.

J315H. Honors Media Theory and Research. 4 Credits.
Foundation course for honors program. Introduction to seminal theories in communication; overview of methodologies used in the study of theories. Acceptance into School of Journalism and Communication honors program required for enrollment.

J320. Gender, Media, and Diversity. 4 Credits.
Critical study of the media with regard to gender, race, ethnicity, and other social divisions. Ramification and possible mechanisms of change.
Prereq: J 201 with a grade of mid-C or better.

J331. Digital Video Production. 4 Credits.
Introduction to techniques of single-camera field video production. Journalism and cinema studies majors only.
Prereq: J 207 with a grade of mid-C or better or J 208 with a grade of mid-C or better.

J333. Writing for Multimedia. 4 Credits.
Introduction to the process and practice of writing for multimedia, including print, audio-video, computer-assisted presentation, web-based applications, and striking the balance between word and image. Journalism majors or multimedia minor standing only.
Prereq: ARTD 250, 251, 252.

J340. Principles of Advertising. 4 Credits.
Role of advertising in the distribution of goods and services; the advertising agency; the campaign; research and testing; the selection of media: print, electronic, outdoor advertising, direct mailing. Not for journalism: advertising majors.

J342. The Creative Strategist. 4 Credits.
Creative approaches to ideation and strategic thinking for all advertising specialties. Emphasis on creative process, generative techniques, teamwork, career planning, industry trends. Journalism: advertising majors only.
Prereq: J 205, 206.

J350. Principles of Public Relations. 4 Credits.
Overview of public relations practice in a diverse global society, including theory, career opportunities, history, communication forms and channels, and legal and ethical concerns.

J352. Strategic Writing and Media Relations. 4 Credits.
Writing-intensive lab; students produce strategic, theory-based content for multiple media platforms using various journalistic styles and storytelling skills and incorporating ethical media-relations practices.
Prereq: J 205, 206, 207, 350 with a grade of mid-C or better.

J361. Reporting I. 4 Credits.
News gathering and writing. Extensive writing in class and outside of class in a variety of forms: news, features, interviews, multimedia scripts. Journalism majors only.
Prereq: J 205, 206 with a grade of mid-C or better.

J365. Photojournalism. 4 Credits.
Visual reporting techniques, with emphasis on practice, law, and ethics of photojournalism and photographic communication. Laboratory and portfolio-intensive. Majors only.
Prereq: J 205, J 206 with a grade of mid-C or better.

J371. Feature Writing I. 4 Credits.
Introduction to feature writing for print and online media; marketing your ideas and stories. Journalism majors only.
Prereq: J 361 with a grade of mid-C or better.

J385. Communication Law. 4 Credits.
Legal aspects of the media: constitutional freedom of expression, news gathering, access to public records, libel, privacy, copyright, advertising, electronic media regulation, and antitrust.
Prereq: J 201 with a grade of mid-C or better.

J387. Media History. 4 Credits.
The changing structure and character of the media in the United States.
Prereq: J 201 with a grade of mid-C or better.

J396. International Communication. 4 Credits.
National and cultural differences in media and information systems, global news and information flows, implications of rapid technological change, and communication and information policies.
Prereq: J 201 with a grade of mid-C or better.

J397. Media Ethics. 4 Credits.
Ethical problems in the media: privacy, violence, pornography, truth-telling, objectivity, media codes, public interest, media accountability.
Prereq: J 201 with a grade of mid-C or better.

J399. Special Studies: [Topic]. 1-5 Credits.
Repeatable.

J400M. Temporary Multilisted Course. 1-5 Credits.
Repeatable.

J401. Research: [Topic]. 1-9 Credits.
Repeatable.

J403. Thesis. 1-9 Credits.
Repeatable.

J404. Internship: [Topic]. 1-9 Credits.
Repeatable for maximum of 9 credits.

J405. Reading and Conference: [Topic]. 1-9 Credits.
Repeatable.

J406. Special Problems: [Topic]. 1-9 Credits.
Repeatable.

J407. Seminar: [Topic]. 1-4 Credits.
Repeatable.

J408. Workshop: [Topic]. 1-6 Credits.
Repeatable.

J409. Practicum: [Topic]. 1-4 Credits.
Repeatable.

J410. Experimental Course: [Topic]. 1-4 Credits.
Repeatable.

J412. Issues in Communication Studies: [Topic]. 4 Credits.
Uses a variety of theories and methods to examine specific aspects of media content, processes, and audiences. Repeatable when topic changes. Majors only.
Prereq: J 201 with a grade of mid-C or better.

J413. Communication Studies Capstone. 4 Credits.
Draws on skills and knowledge learned in other communications studies and related courses to demonstrate competence in broad areas of research.
Prereq: J 314 for 4 credits with grade of mid-C or better.

J416. Survey of the Documentary. 4 Credits.
Historical and critical survey of the documentary as a form of artistic expression and an instrument of social commentary. Majors, cinema studies majors, and communication studies minors only.
Prereq: J 201 with grade of mid-C or better.

J421. Documentary Production. 4 Credits.
Workshop in preparation, shooting, and postproduction of the short documentary. Journalism and cinema studies majors only.
Prereq: J 331 with a grade of mid-C or better.

J424H. Honors Theory and Research: [Topic]. 4 Credits.
Uses a variety of theories and methods to closely examine and analyze contemporary problems and situations in media and communications. Acceptance into School of Journalism and Communication honors program required for enrollment. Repeatable once when topic changes for a maximum of 8 credits.

J427M. Latino Roots I. 4 Credits.
Documents Latino history in the racial history of what is now Oregon since 1500 and teaches students to conduct oral history interviews. Multilisted with ANTH 427M/527M. Sequence with J 428M/528M. Offered alternate years.

J428M. Latino Roots II. 4 Credits.
Continuation of Latino Roots I, designed for producing a short documentary using oral history as the story. Covers basic theory and practice of digital film-video documentary production. Multilisted with ANTH 428M/528M. Sequence with J 427M/527M. Offered alternate years.
Prereq: J 427M.

J432. Reporting for Electronic Media. 4 Credits.
Training in gathering, production, and presentation of news for the electronic media. Journalism majors only.
Prereq: J 331, J 361 with a grade of mid-C or better.

J434. Advanced Television News. 4 Credits.
News gathering and production for television. Students produce live programming for local cable systems. Journalism majors only.
Prereq: J 331, J 361, J 432 with a grade of mid-C or better.

J436. Media Design: [Topic]. 4 Credits.
Focuses on issues and techniques in picture and graphic editing, typography, and work-picture composition and interaction for long-form visual storytelling across legacy- and emerging-media platforms. Repeatable twice for a maximum of 12 credits.
Prereq: J 361 with a mid-C or better.

J443. Advertising Media Planning. 4 Credits.
Objectives and strategy for determining effective methods of reaching a designated target audience. Use of media measurement tools. Journalism: advertising majors only.
Prereq: J 207, 342 with a grade of mid-C or better.

J444. Agency Account Management. 4 Credits.
The role of the account executive in the advertising agency examined through case studies. Journalism: advertising majors only.
Prereq: J 205, 206, 207, 342 with a grade of mid-C or better.

J448. Advertising Campaigns. 4 Credits.
Seniors produce a comprehensive campaign involving every aspect of advertising, ranging from market research through creative and media strategy formulation to execution. Journalism: advertising majors only.
Prereq: three from J 443/543, 444/544, 457/557, 458/558, 459/559, 460/560 with a grade of mid-C or better.

J449. Advanced Advertising Campaigns. 5 Credits.
Team experience of creating a professional-level advertising plan. Students participate in a national competition. Journalism: advertising majors only.

J452. Strategic Public Relations Communication. 4 Credits.
Advanced writing lab emphasizing business communication, direct-to-consumer strategies and techniques, and effective use of web-based communication strategies. Journalism: public relations majors only.
Prereq: J 352 with a grade of mid-C or better.

J453. Strategic Planning and Cases. 4 Credits.
Campaign planning, administration, crisis communication, and issues management, encompassing research, writing objectives and tactics, evaluation methods, and constructing budgets and timelines. Journalism: public relations majors only.
Prereq: J 352 with a grade of mid-C or better.

J454. Public Relations Campaigns. 4 Credits.
Capstone course applying theory, skills, and a team-based approach to researching, planning, presenting, and implementing a campaign for a client. Professional portfolios presented and reviewed. Journalism: public relations majors only.
Prereq: J 452, J 453; one from J 494, J 495 with a grade of mid-C or better.

J457. Curiosity for Strategists. 4 Credits.
Explores the building of intellectual curiosity as a problem-solving technique within the context of culture and media. Emphasis: critical thinking, readings, projects, performance. Journalism: advertising majors only.
Prereq: J 205, 206, 207, 342 with a grade of mid-C or better.

J458. Writing Design Concepts. 4 Credits.
Conceptual problem-solving for traditional and emerging media. Emphasis: conceptual development, advertising writing, design, campaigns, presentation of developed work. Journalism: advertising majors only.
Prereq: J 205, 206, 207, 342 with a grade of mid-C or better.

J459. Branding and Content. 4 Credits.
Capstone course on brand portfolio development for writers, art directors, and strategists. Emphasis: production, multiple-platform creative development, industry-focused portfolios. For Journalism: advertising majors only.
Prereq: J 205, 206, 207, 342 with a grade of mid-C or better.

J460. Brand Development: [Topic]. 4 Credits.
Revolving topics on emerging issues in branding and advertising, including strategies in digital and interactive brand solutions, media decision-making, and sustainability. Journalism: advertising majors only. Repeatable when topic changes.
Prereq: J 205, 206, 207, 342 with a grade of mid-C or better.

J461. Newspaper Editing. 4 Credits.
Copyediting, headline writing, and page design for newspapers in print and online; emphasis on grammar and style. Journalism majors only.
Prereq: J 361 or equivalent with a grade of mid-C or better.

J462. Reporting II. 4 Credits.
In-depth reporting on public affairs and community news. Journalism majors only.
Prereq: J 361 with a grade of mid-C or better.

J463. Specialized Reporting: [Topic]. 1-4 Credits.
Reporting special topics, including the environment, business and economics, politics, health and medicine, science, and the arts; and digital and multiplatform journalism. Journalism majors only. Repeatable.
Prereq: J 361 with a grade of mid-C or better.

J466. Advanced Photojournalism: [Topic]. 4 Credits.
Intensive visual reporting techniques, with emphasis on digital production, color, lighting, in-depth storytelling, documentary, and portfolio. Majors only. Repeatable three times for a maximum of 16 credits when topic changes.
Prereq: J 365 with a grade of mid-C or better.

J467. Issues in International Communication: [Topic]. 4 Credits.
Topics focus on global media issues. Majors and minors only; cinema studies majors for approved topics. Repeatable twice for a maximum of 12 credits when topic changes.
Prereq: J 201 with a grade of mid-C or better.

J468. Advanced News Editing. 4 Credits.
Advanced training in news editing under newsroom conditions. Discussion of issues in editing, headline writing, and news judgment. Includes work with web-based journalism. Focus on teamwork. Journalism majors only.
Prereq: J 461 with a grade of mid-C or better.

J469. OR Magazine. 4 Credits.
Building skills in journalistic storytelling and multimedia production of a digital magazine for distribution via mobile devices. Repeatable once for a maximum of 8 credits.

J472. Feature Writing II. 4 Credits.
In-depth story research and advanced feature writing for print and online markets. Individual conferences. Journalism majors only.
Prereq: J 361, J 371 with a grade of mid-C or better.

J473. Feature Editing. 4 Credits.
In-depth story research and advanced feature writing for print and online markets. Individual conferences. Journalism majors only.
Prereq: J 361, J 371 with a grade of mid-C or better.

J474. Magazine Industry and Strategies. 4 Credits.
How editors plan issues and interact with colleagues in circulation, graphics, production, and advertising. Trends, strategies, and ethics. Journalism majors only.
Prereq: J 361, J 371 with a grade of mid-C or better.

J475. Flux Production. 1-5 Credits.
Repeatable. Planning and production of "Flux" magazine. Students make and carry out assignments, write and edit stories, take photos, shoot video, sell advertising, and design the magazine. Repeatable for a maximum of 12 credits.
Prereq: J 361 with a grade of mid-C or better.

J480. Public Relations: [Topic]. 4 Credits.
Addresses a specific theory, method, or issue in the study and practice of public relations, such as international practice or strategic use of new media. Repeatable thrice when topic changes for a maximum of 16 credits.

J483. The Journalistic Interview. 4 Credits.
Gathering information through asking questions. Literature and research findings on techniques of listening, nonverbal communication, and psychological dynamics of the interview relationship in journalistic situations. Journalism majors only.
Prereq: J 361 with a grade of mid-C or better.

J494. Strategic Communications Research. 4 Credits.
Introduction to how and why research is conducted and used by public relations and advertising professionals to formulate strategic campaigns and evaluate their effectiveness. Majors only.
Prereq: J 342 or J 350.

J495. Research Methods: [Topic]. 4 Credits.
Uses a variety of quantitative and qualitative methods to examine concepts and processes of research used in such areas as advertising, public relations, journalism, strategic communication, and communication studies. Majors and minors only. Repeatable when topic changes for a maximum of 12 credits.
Prereq: J 201 with a grade of mid-C or better.

J496. Communication Ethics and Law: [Topic]. 4 Credits.
Analyses of ethical and legal issues confronting the communications industry using various ethical and legal theories, readings, and cases relevant to the specific topic. Repeatable when topic changes. Majors and minors only.
Prereq: J 201 with a grade of mid-C or better.

J503. Thesis. 1-9 Credits.
Repeatable.

J507. Seminar: [Topic]. 1-4 Credits.
Repeatable.

J508. Workshop: [Topic]. 1-6 Credits.
Repeatable.

J510. Experimental Course: [Topic]. 1-4 Credits.
Repeatable.

J512. Issues in Communication Studies: [Topic]. 4 Credits.
Uses a variety of theories and methods to examine specific aspects of media content, processes, and audiences. Repeatable when topic changes. Majors only.

J516. Survey of the Documentary. 4 Credits.
Historical and critical survey of the documentary as a form of artistic expression and an instrument of social commentary. Majors, cinema studies majors, and communication studies minors only.

J521. Documentary Production. 4 Credits.
Workshop in preparation, shooting, and postproduction of the short documentary. Journalism and cinema studies majors only.

J527M. Latino Roots I. 4 Credits.
Documents Latino history in the racial history of what is now Oregon since 1500 and teaches students to conduct oral history interviews. Multilisted with ANTH 427M/527M. Sequence with J 428M/528M. Offered alternate years.

J528M. Latino Roots II. 4 Credits.
Continuation of Latino Roots I, designed for producing a short documentary using oral history as the story. Covers basic theory and practice of digital film-video documentary production. Multilisted with ANTH 428M/528M. Sequence with J 427M/527M. Offered alternate years.
Prereq: J 527M.

J532. Reporting for Electronic Media. 4 Credits.
Training in gathering, production, and presentation of news for the electronic media. Journalism majors only.

J534. Advanced Television News. 4 Credits.
News gathering and production for television. Students produce live programming for local cable systems. Journalism majors only.
Prereq: J 532 with a grade of mid-C or better.

J536. Media Design: [Topic]. 4 Credits.
Focuses on issues and techniques in picture and graphic editing, typography, and work-picture composition and interaction for long-form visual storytelling across legacy- and emerging-media platforms. Repeatable twice for a maximum of 12 credits.

J543. Advertising Media Planning. 4 Credits.
Objectives and strategy for determining effective methods of reaching a designated target audience. Use of media measurement tools. Journalism: advertising majors only.

J544. Agency Account Management. 4 Credits.
The role of the account executive in the advertising agency examined through case studies. Journalism: advertising majors only.

J548. Advertising Campaigns. 4 Credits.
Graduate students produce a comprehensive campaign involving every aspect of advertising, ranging from market research through creative and media strategy formulation to execution. Journalism: advertising majors only.
Prereq: three from J 443/543, 444/544, 456/556, 457/557, 458/558, 459/559, 460/560.

J549. Advanced Advertising Campaigns. 5 Credits.
Team experience of creating a professional-level advertising plan. Students participate in a national competition. Journalism: advertising majors only.

J552. Strategic Public Relations Communication. 4 Credits.
Advanced writing lab emphasizing business communication, direct-to-consumer strategies and techniques, and effective use of web-based communication strategies. Journalism: public relations majors only.

J553. Strategic Planning and Cases. 4 Credits.
Campaign planning, administration, crisis communication, and issues management, encompassing research, writing objectives and tactics, evaluation methods, and constructing budgets and timelines. Journalism: public relations majors only.

J554. Public Relations Campaigns. 4 Credits.
Capstone course applying theory, skills, and a team-based approach to researching, planning, presenting, and implementing a campaign for a client. Professional portfolios presented and reviewed. Journalism: public relations majors only.
Prereq: J 552, J 553; one from J 594, J 595.

J557. Curiosity for Strategists. 4 Credits.
Explores the building of intellectual curiosity as a problem-solving technique within the context of culture and media. Emphasis: critical thinking, readings, projects, performance. Journalism: advertising majors only.

J558. Writing Design Concepts. 4 Credits.
Conceptual problem-solving for traditional and emerging media. Emphasis: conceptual development, advertising writing, design, campaigns, presentation of developed work. Journalism: advertising majors only.

J559. Branding and Content. 4 Credits.
Capstone course on brand portfolio development for writers, art directors, and strategists. Emphasis: production, multiple-platform creative development, industry-focused portfolios. Journalism: advertising majors only.

J560. Brand Development: [Topic]. 4 Credits.
Revolving topics on emerging issues in branding and advertising, including strategies in digital and interactive brand solutions, media decision-making, and sustainability. Journalism: advertising majors only. Repeatable when topic changes.
J 556.

J561. Newspaper Editing. 4 Credits.
Copyediting, headline writing, and page design for newspapers in print and online; emphasis on grammar and style. Journalism majors only.

J562. Reporting II. 4 Credits.
In-depth reporting on public affairs and community news. Journalism majors only.

J563. Specialized Reporting. 1-4 Credits.
Reporting special topics, including the environment, business and economics, politics, health and medicine, science, and the arts; and digital and multiplatform journalism. Journalism majors only.

J566. Advanced Photojournalism: [Topic]. 4 Credits.
Intensive visual reporting techniques, with emphasis on digital production, color, lighting, in-depth storytelling, documentary, and portfolio. Majors only. Repeatable three times for a maximum of 16 credits when topic changes.

J567. Issues in International Communication: [Topic]. 4 Credits.
Topics focus on global media issues. Majors only. Repeatable twice for a maximum of 12 credits when topic changes.

J568. Advanced News Editing. 4 Credits.
Advanced training in news editing under newsroom conditions. Discussion of issues in editing, headline writing, and news judgment. Includes work with web-based journalism. Focus on teamwork. Journalism majors only.
Prereq: J 561 with a grade of mid-C or better.

J569. OR Magazine. 4 Credits.
Building skills in journalistic storytelling and multimedia production of a digital magazine for distribution via mobile devices. Repeatable once for a maximum of 8 credits.

J572. Feature Writing II. 4 Credits.
In-depth story research and advanced feature writing for print and online markets. Individual conferences. Journalism majors only.

J573. Feature Editing. 4 Credits.
In-depth story research and advanced feature writing for print and online markets. Individual conferences. Journalism majors only.

J574. Magazine Industry and Strategies. 4 Credits.
How editors plan issues and interact with colleagues in circulation, graphics, production, and advertising. Trends, strategies, and ethics. Journalism majors only.

J575. Flux Production. 1-5 Credits.
Repeatable. Planning and production of "Flux" magazine. Students make and carry out assignments, write and edit stories, take photos, shoot video, sell advertising, and design the magazine. Repeatable for a maximum of 12 credits.

J580. Public Relations: [Topic]. 4 Credits.
Addresses a specific theory, method, or issue in the study and practice of public relations, such as international practice or strategic use of new media. Repeatable thrice when topic changes for a maximum of 16 credits.

J583. The Journalistic Interview. 4 Credits.
Gathering information through asking questions. Literature and research findings on techniques of listening, nonverbal communication, and psychological dynamics of the interview relationship in journalistic situations. Journalism majors only.

J595. Research Methods: [Topic]. 4 Credits.
Uses a variety of quantitative and qualitative methods to examine concepts and processes of research used in such areas as advertising, public relations, journalism, strategic communication, and communication studies. Journalism majors only. Repeatable when topic changes for a maximum of 12 credits.

J596. Communication Ethics and Law: [Topic]. 4 Credits.
Analyses of ethical and legal issues confronting the communications industry using various ethical and legal theories, readings, and cases relevant to the specific topic. Repeatable when topic changes. Majors only.

J601. Research: [Topic]. 1-6 Credits.
Repeatable for maximum of 16 credits.

J602. Supervised College Teaching. 1-5 Credits.
Repeatable for maximum of 5 credits.

J603. Dissertation. 1-16 Credits.
Repeatable for maximum of 18 credits.

J604. Internship: [Topic]. 1-4 Credits.
Repeatable for maximum of 4 credits.

J605. Reading and Conference: [Topic]. 1-6 Credits.
Repeatable for maximum of 16 credits.

J606. Special Problems: [Topic]. 1-6 Credits.
Repeatable for maximum of 16 credits.

J607. Seminar: [Topic]. 1-5 Credits.
Repeatable.

J608. Workshop: [Topic]. 1-6 Credits.
Repeatable for maximum of 16 credits.

J609. Terminal Project. 1-6 Credits.
Repeatable for maximum of 6 credits.

J610. Experimental Course: [Topic]. 1-5 Credits.
Repeatable.

J611. Mass Communication and Society. 4 Credits.
Review of the literature of mass communication. Introduction to graduate study in journalism and communication.

J616. Introduction to Strategic Communication Marketing. 4 Credits.
Discussion of fundamental marketing concepts from the perspective of the manager. Analysis of complex marketing challenges in research, segmentation, targeting, pricing, distribution, and branding.

J617. Strategic Communication Theory and Research: [Topic]. 4 Credits.
Theory, research, and practice of strategic communication. Topics may include relationship management, risk communication, identity and culture, and social media theory. Repeatable when topic changes for a maxium of 20 credits.
Prereq: graduate standing.

J618. Strategic Communication Management. 4 Credits.
Elements of managing and leading organizations; examination of key issues faced by leaders. Topics include leadership theory, leading change, dealing with conflict, and performance and strategic management.

J619. Teaching and the Professional Life. 4 Credits.
Explores teaching strategies, curriculum development, and other aspects of academic professional life in journalism and communication.

J621. Foundations of Strategic Communication. 4 Credits.
Reviews major theories, models, and practices in strategic communications. Theoretical topics include media effects and persuasion as applied to public relations, advertising, and other strategic communication.

J623. Creativity in Strategic Communication. 4 Credits.
Explores the use of creative conceptual thinking as part of the strategic basis in successful communication campaigns.

J624. Strategic Communication: [Topic]. 2 Credits.
Explores problems and specialized skills needed in strategic communication management. Examples include crisis communication, creativity in business, corporate social responsibility. Repeatable with change in topic.

J626. Strategic Marketing Communication. 4 Credits.
Examination, evaluation, and integration of advertising, public relations, sales promotion, direct marketing, social media, sponsorship and events, packaging, customer service, and personal selling.

J638. Story and Commerce. 4 Credits.
Explores the changing face of narrative journalism as it investigates the new commercial opportunities for the professional journalist. Taught once or more per academic year.

J640. Proseminar I. 5 Credits.
Overview of theories used to study mediated communication, mass communication, and communication technologies; theory application to media processes; discussion of enduring issues in the field.
Prereq: doctoral standing.

J641. Qualitative Research Methods. 4 Credits.
Introduces qualitative research methods including traditional historical inquiry, oral history, ethnography, and participant observation.

J642. Quantitative Research Methods. 4 Credits.
Introduces and analyzes quantitative research methods in terms of design, measurement, inference, and validity. Focuses on conceptualization in communication research.

J643. Proseminar II. 5 Credits.
Seminar participants demonstrate competence in broad families of social research by drawing on skills and knowledge obtained in J 640, J 641, and J 642.
Prereq: J 640, 641, 642.

J644. Philosophy of Communication. 4 Credits.
Explores the philosophical foundations of communication in the United States, including political philosophies that range from Milton to McLuhan.

J646. Political Economy of Communication. 4 Credits.
Introduction to the political economy of communication. Includes such issues as ownership and control patterns; the role of the state; labor; intellectual property rights; and international markets.

J647. Theoretical Foundations of Communication Ethics. 4 Credits.
Exploration of ethical theories and issues related to the mass media and other relevant forms of mass communication.

J648. Cultural Approaches to Communication. 4 Credits.
Examination of communication and mediated communication as cultural processes in the production and reproduction of social systems.

J649. International Communication. 4 Credits.
Examines global communication structures and processes and their consequences. Topics include new technologies, news and information organizations, cross-cultural uses of Western media, and information policies.

J660. Advanced Research Methods: [Topic]. 4 Credits.
Explores specific qualitative or quantitative communication research methods. Topics may include discourse analysis, oral history, historical methods, legal methods, content analysis, and survey methods. Repeatable when topic changes.
Prereq: J 641 or J 642, depending on topic.

Minor in Media Studies

The minor in media studies gives students an overview of the role of the media in society.

Students with a major in the School of Journalism and Communication cannot also earn a minor in media studies. (Students who declared the minor in communication studies before May 20, 2013, are exempt from this rule.)

Students who want to minor in media studies should declare the minor online, on the school's website. Students may submit petitions to apply other journalism courses to the minor. A minimum University of Oregon GPA of 2.00 is required to declare the minor.

J201	Media and Society	4
Select five of the following:		20
J320	Gender, Media, and Diversity	
J340	Principles of Advertising	
J350	Principles of Public Relations	
J385	Communication Law	
J387	Media History	
J397	Media Ethics	
J412	Issues in Communication Studies: [Topic] [1]	

J467	Issues in International Communication: [Topic] [1]	
J495	Research Methods: [Topic] [1]	
J496	Communication Ethics and Law: [Topic] [1]	
Total Credits		**24**

[1] Repeatable three times when the topic changes.

All courses must be passed with a grade of mid-C or better.

School of Law

Michael L. Moffitt, Dean
541-346-3852
541-346-3846 admissions office
541-346-1564 fax
105 Knight Law Center
1221 University of Oregon
Eugene, Oregon 97403-1221
admissions@law.uoregon.edu

The School of Law offers a three-year, full-time professional curriculum leading to the doctor of jurisprudence (JD) degree; a two-year, full-time program leading to an interdisciplinary master's degree (MA or MS) in conflict and dispute resolution; and a one-year, full-time program leading to a master of laws (LLM) in environmental law.

The law school's broad-based curriculum and clinical programs prepare students for careers in almost every practice area and professional setting. Special centers and programs include business law and entrepreneurship, environmental law, dispute resolution, family, child, and elder law, public law and policy, sports law, and the Wayne Morse Center for Law and Politics.

The Center for Career Planning and Professional Development offers counseling, seminars, mentoring programs, and connections to UO law graduates throughout the world.

The John E. Jaqua Law Library is a light-filled space occupying three floors, designed to meet the research and study needs of law students. It provides print, electronic, and video resources, and has full wireless access. Each floor of the law library contains a mix of books, tables, carrels, equipment, and study rooms. Law students can use our online catalog to order materials from the law library and from other libraries in Oregon and Washington. Attorney librarians teach students how to perform legal research in class and in the library.

UO law students run three journals and nearly forty active student organizations, serve the public in numerous clinical programs, and organize the world's oldest and largest public interest environmental law conference, attracting more than 3,000 participants each year. In addition, UO law students have received the top Oregon State Bar Association award for pro bono work nine times.

The William W. Knight Law Center offers a spacious, warm environment for study and community activities and includes more than 1,500 fast Ethernet jacks as well as wireless access throughout the building.

Additional information and complete descriptions of courses offered appear on the school website.

Academic Calendar for Law Students

The School of Law operates on a semester calendar. On this schedule, registration for fall and spring semesters begins the third week of April, fall semester examinations are given before the winter vacation, and the spring semester ends in mid-May. More information about calendar dates is available online at registrar.uoregon.edu/calendars/academic.

January Term

The School of Law offers a collection of one-week intensive courses held the week before the start of the regular spring semester.

Summer Session

The School of Law offers a summer session that is open to law students who have completed at least one year of legal studies and who are in good standing at a law school accredited by the American Bar Association. Summer session is not open to beginning law students.

For complete summer session information, contact the registar's office at the School of Law or visit law.uoregon.edu/registar.

Clinics, Externships, and Practical Skills

The law school's Clinics and Externships Program gives students real-world experience with concepts learned in the classroom. The program offers second- and third-year students access to practical work experiences that gives them a taste of what it's like to practice law before they graduate.

Students and employers alike recognize the value of clinical training during law school, and the demand for practice experience is high. Almost 85 percent of UO law students have participated in at least one clinical or externship opportunity before they graduate.

Child Advocacy Externships

Students in this externship work during the summer for Oregon juvenile court judges and practitioners. Those who work with judges perform research, prepare for and observe all types of hearings in juvenile delinquency and dependency cases, and work on a major law reform project under the judge's direction. Students placed with practitioners are involved in all areas of the attorneys' practices.

Civil Practice Clinic and Advanced Civil Practice Clinic

Students represent low-income clients through Lane County Legal Aid. Cases may result in a court appearance or contested case hearing, often involving social security, welfare, food stamp, public housing, or unemployment benefits.

Criminal Defense and Advanced Criminal Defense Clinic

Students conduct client and witness interviews and investigations and help defend clients in a wide range of misdemeanor prosecutions in Oregon Circuit Court through Public Defender Services of Lane County.

Criminal Prosecution Clinic andAdvanced Prosecution Clinic

Students are assigned to one of several local prosecutors' offices, where they prepare and try minor criminal cases under the supervision of an attorney.In the advanced clinic, students try jury trials, prepare felony trials, respond to and argue circuit court motions, and assist felony trial lawyers with circuit court cases.

Domestic Violence Clinic and Advanced Domestic Violence Clinic

Students work with attorneys to provide comprehensive civil legal services to victims of domestic violence, sexual assault, and stalking while learning the skills required for client representation in litigation-based practice.

Domestic Violence Externships

Students are placed at the Klamath Falls Legal Aid Services of Oregon office and handle a range of issues related to the representation of

domestic violence victims and often have the opportunity to appear in court. The externship exposes students to the challenges faced by low-income, rural victims of violence.

Environmental Law Clinic and Advanced Environmental Law Clinic

Working with the Western Environmental Law Center, students assist in primarily federal court litigation representing nonprofits in enforcing federal environmental law.

Environmental Law Externships

Externs are placed with governmental and nonprofit agencies working on a variety of issues related to environmental regulations and compliance, energy policy, land use, and climate change.

Federal Bankruptcy Court Externship

Students serve as judicial externs for the United States Bankruptcy Court for the District of Oregon and participate in all aspects of judicial decision-making, including researching and drafting bench memoranda and opinions, and observing oral arguments and chambers conferences.

General Externships

Externs are placed with nonprofit organizations and governmental agencies in a variety of settings to gain practical experience in different readings of the law.

Judicial Externships

Externs work for district and appellate federal courts, federal immigration court, state trial and appellate courts, and the U.S. bankruptcy courts. The judges include students in all aspects of their work, including settlement meetings, trials, and discussions in chambers.

Legislative Issues Workshop

Students are involved in research, bill tracking, report writing, committee presentation, and other tasks during the biennial sessions of the Oregon Legislative Assembly.

Mediation Clinic

After mediation training, students spend one morning each week working in a local small claims court, helping disputants to search for nonlitigation solutions to their problems.

Nonprofit Clinic

The nonprofit clinic is a joint venture with the UO's Department of Planning, Public Policy and Management and the Master's Degree in Conflict and Dispute Resolution program. Students learn about assessment of nonprofit organizations with assistance from experienced practitioners in the field and through practical experience working with nonprofit clients.

Office of the United States Trustee Externship

The Office of the United States Trustee is the division of the U.S. Department of Justice responsible for overseeing the administration of bankruptcy cases. In this supervisory role, the U.S. trustee ensures that the bankruptcy cases proceed without delay, debtors comply with the disclosure requirements of the Bankruptcy Code, assets are distributed according to the code's priority scheme, plans of reorganization proposed by consumer debtors comply with the code's requirements for confirmation, and instances of fraud and abuse of the bankruptcy system are identified.

Portland In-House Counsel Externships

Students are placed in corporate counsel offices to give them a window into the world of major Oregon businesses and the operations of corporate legal counsel. Students participating in the program are exposed to the roles of in-house counsel, the relationship between in-house and outside counsel, and the workings of business operations. The substantial classroom component for both full- and part-time externs explores ethical issues faced by corporate counsel.

Small Business Clinic

Students advise local small-business owners on business formations, stock sales, leases, contracts, and other transactional legal issues.

Small Claims Mediation Clinic

Intensive, skills-oriented course that trains law students to mediate a range of cases. Skills training offers opportunities to practice communication skills and the mediation model in role-playing activities. Enhances interviewing, problem solving and analysis, and negotiation skills.

Tax Externship

Students work full- or part-time with the Office of Chief Counsel for the Internal Revenue Service in Portland. The counsel's office represents the IRS in litigation in the U.S. Tax Court. Students research and write on tax issues involving small businesses and individuals.

Trial Practice Laboratory

Students examine and develop courtroom skills in civil and criminal cases. Primary emphases are on the opening statement, direct examination, cross-examination, objections, closing argument, and voir dire of juries. Each student participates in weekly classroom exercises and in a full trial at the end of the semester.

Centers and Programs

Appropriate Dispute Resolution Center

Many lawyers today are more likely to participate in a settlement conference, mandatory arbitration, or mediation session than they are to argue a case in the courtroom. The law school's appropriate dispute resolution courses, trainings, and programs help students understand a wide range of dispute resolution methods so that as lawyers they may advise their clients wisely. **adr.uoregon.edu**

Business Law

Comprehensive business law courses contribute to the core of the law school curriculum. Practical experience is gained in classroom studies and in real-world opportunities, teaching students the relationship between law and entrepreneurship and providing students the necessary deal-making skills to become transactional lawyers. **bizlaw.uoregon.edu**

Center for Law and Entrepreneurship

The center prepares law students to represent and to be entrepreneurs, encourages faculty research related to problems that confront entrepreneurs, and brings law students and members of the Northwest business community together. The center collaborates on a number of projects with the university's Charles H. Lundquist College of Business, and in addition to lectures, symposiums, and numerous business courses, the center runs the Small Business Clinic. The center hosts

various guest lectures and opportunities for interaction with members of the local business and legal communities. **bizlaw.uoregon.edu/center**

Criminal Justice Program
The University of Oregon Criminal Justice Program prepares future lawyers with the knowledge and practical skills necessary to practice in the criminal justice system as prosecutors and attorneys for criminal defendants and parents and children in the juvenile justice and child-welfare systems. **law.uoregon.edu/criminal-justice**

Environmental and Natural Resources Law

For more than forty years, this program's focus on public interest environmental law and its commitment to innovations in environmental legal education have made it one of the nation's oldest and most respected programs. Its faculty is involved in innovative legal scholarship that makes a global impact on environmental law. **enr.uoregon.edu**

Family Law, Child Advocacy Law, and Elder Law

The increasingly complex nature of family relationships requires lawyers to possess an in-depth understanding of the law that structures them. Future legal practitioners gain the knowledge and practical skills necessary to advocate for children, families, and the elderly, and also may pursue opportunities and hone their skills with the law school's Child Advocacy Project or the Domestic Violence Clinic. **familylaw.uoregon.edu**

International Law
Globalization, extensive migration, and shifting demographics make international law a crucial component of legal education, creating an imperative to educate students prepared to practice at home and abroad. **law.uoregon.edu/international-law**

Legal Research and Writing

Ranked fourth in the nation by *U.S. News and Report*, this rigorous program thoroughly prepares law students for the exacting style of writing expected of individuals in a clerkship or legal practice. **law.uoregon.edu/lrw**

Portland Program

The program creates opportunities for students to build ties with the legal and business community in Portland, Oregon. As the state's largest city, Portland is home to more than 3,000 UO School of Law alumni. The Portland Program offers externships, courses, symposiums, and a summer session. **law.uoregon.edu/portland-program**

Public Law and Policy Program

Building on a foundation of course offerings, career planning support, and service opportunities, UO students prepare for careers in the public sector. UO law graduates accept public service positions at rates far exceeding the national average. **law.uoregon.edu/publiclaw**

Sports Law
The Sports Law program prepares students to enter a rapidly growing and evolving field. Through traditional course work and experiences outside of the classroom, students learn about legal areas surrounding the sports industry and gain practical skills in contract negotiation, legal drafting, sponsorships, business development, labor law, and intellectual property and licensing. **law.uoregon.edu/sports-law**

Wayne Morse Center for Law and Politics

An independent center within the law school, the Wayne Morse Center for Law and Politics organizes dynamic programs in the spirit and tradition of former U.S. senator and law school dean Wayne Morse. Senator Morse was best known for his stance against the Vietnam War and as an advocate for civil rights, labor rights, and the rule of law. **waynemorsecenter.uoregon.edu**

Admission Procedures

Prelaw Preparation

The School of Law does not prescribe a prelaw curriculum. Intellectual maturity and breadth of educational background are considered more important than specific subject matter.

Details about prelaw study and law school admission criteria appear under Law, Preparatory, in the **Academic Resources** section of this catalog.

Information about the School of Law and its programs is available on its website. Additional information may be requested through the website or by contacting the Office of Admissions. Admissions staff members are happy to respond to inquiries regarding the admission process as well as to make arrangements for visits to the School of Law.

Requirements through the Law School Admission Council

The University of Oregon School of Law is a member of the Law School Admission Council (LSAC). To complete the application process, an applicant must register with LSAC to take the Law School Admission Test (LSAT) and participate in the Credential Assembly Service (CAS); register at www.lsac.org (http://www.lsac.org) or call 215-968-1001. An applicant should take the LSAT no later than February of the year in which they wish to enroll. A score from the June 2010 test administration is the oldest acceptable score for fall 2015. An applicant must submit official academic transcripts of all college-level work and postgraduate work and letters of recommendation to the LSAC. All required fees must be paid and all required documents received before the admissions committee will review an application. Applicants receive an admission decision from the Office of Admissions in a letter sent through the United States Postal Service between December and May.

Basic Admission Requirements

An applicant must have a bachelor's degree from an accredited college or university prior to enrolling in the School of Law. Enrollment restrictions and the large volume of applications for admission to the law school make it necessary to admit applicants who, in terms of their overall records, are the most qualified for legal studies.

In evaluating the strength of the overall record, the admissions committee considers the undergraduate grade point average (GPA), the results of the Law School Admission Test (LSAT), the personal statement, and letters of recommendation. The applicant should also submit a résumé that highlights educational background, employment, global and multicultural experience, and extracurricular activities. International applicants are required to submit results of the Test of English as a Foreign Language (TOEFL).

The admissions committee strives to annually enroll a class that is academically distinguished and reflects a rich blend of educational, economic, cultural, and professional backgrounds.

Class Profile

For the class of 2016, the School of Law received 1,545 applications for the 120 seats in its first-year class.

Fall 2013 Class Statistics

Percentile	GPA	LSAT Score
75th	3.55	161
50th	3.36	158
25th	3.03	156

Costs and Financial Aid

Law students are classified as graduate students. Tuition and fees are payable in full as prescribed by the Office of Business Affairs. Payment of the stipulated fees entitles students enrolled for academic credit to all services maintained by the university for the benefit of students.

Tuition and Fees for JD Program

For the 2013–14 academic year, tuition and fees were $29,458 for resident students and $36,724 for nonresidents. See the law school website for more information. Tuition and fee schedules are subject to revision by the State Board of Higher Education.

Residence classification regulations appear in Chapter 580, Division 10, of Oregon Administrative Rules, which are quoted in the **Admissions** section of this catalog. Details governing administration of nonresident and resident policies are complex. For answers to individual questions, students are advised to consult a staff member in the university's Office of Admissions.

Total Costs

Because student living arrangements and personal spending habits vary widely, no single figure represents the cost of attending the university. Information on total 2013–14 costs for a resident student at the School of Law is available to view at lawadmissions.uoregon.edu/tuition. The child-care allowance varies according to circumstance and is based on documentable costs for the period of time the student is enrolled. Transportation costs also vary.

Health insurance is optional. Costs for semester or for full twelve-month coverage are available in the office of the Associated Students of the University of Oregon.

Financial Assistance

See the **Student Financial Aid and Scholarships** section of this catalog for complete information about financial aid including loans.

Scholarships and Fellowships

Information about scholarships and financial aid is available on the school's website at law.uoregon.edu/students/financialand law.uoregon.edu/1lfellowships or by telephone, 541-346-3846.

The law school has a Loan Repayment Assistance Program (LRAP) to help students with large law school loans to more easily enter public service. Learn more by visitinglaw.uoregon.edu/lrap.

Faculty

Adell L. Amos, associate professor (environmental and natural resources law); dean's distinguished fellow; associate dean, academic affairs. BA, 1995, Drury; JD, 1998, Oregon (Coif); Missouri bar, 1999. (2005)

Carl S. Bjerre, Wallace L. and Ellen A. Kaapcke Law Professor (commercial law, contracts). BA, 1982, California, Berkeley; JD, 1988, Cornell (Coif); New York bar, 1989; Oregon bar, 2001. (1996)

John E. Bonine, Bernard B. Kliks Professor of Law (environmental law, administrative law, constitutional law); director, Master of Laws Program. AB, 1966, Stanford; LLB, 1969, Yale; California bar, 1970; Oregon bar, 1977. (1978)

Stuart Chinn, professor (constitutional law, legislation); Kenneth J. O'Connell Senior Fellow; faculty director, public law and policy program; codirector, program in law, policy, and social justice. BA, 2001, MA, 2001, JD, 2004, PhD, 2008, Yale. (2009)

Andrea Coles-Bjerre, associate professor (creditors' rights, bankruptcy, civil procedure). BA, 1984, Barnard; JD, 1987. Brooklyn Law; New York bar, 1988. (1996)

Michael Fakhri, associate professor (international business transactions, law and development). LLB, 2001, Queen's (Ontario); LLM, 2006, Harvard. (2010)

Caroline Forell, Clayton R. Hess Professor of Law (women and the law, torts, trusts and estates). BA, 1973, JD, 1978, Iowa (Coif); Oregon bar, 1978. (1978)

Elizabeth R. Frost, instructor (legal research and writing). BA, 2002, Yale; JD, 2006, Michigan, Ann Arbor. (2010)

Susan N. Gary, Orlando J. and Marian H. Hollis Professor of Law (trusts and estates, estate planning, nonprofit organizations). BA, 1977, Yale; JD, 1981, Columbia; Illinois bar, 1981; Oregon bar, 1989. (1992)

Ibrahim J. Gassama, professor (torts, international law, human rights). BA, 1980, Virginia Polytechnic; JD, 1984, Harvard; New York bar, 1985. (1991)

Erik Girvan, assistant professor (civil procedure, remedies). BA, 1998, Alaska, Fairbanks; JD, 2002, Harvard; PhD, 2012, Minnesota, Twin Cities. (2012)

Leslie J. Harris, Dorothy Kliks Fones Professor of Law (criminal law, family law, children and the law). BA, 1973, New Mexico State; JD, 1976, New Mexico (Coif); New Mexico bar, 1976; District of Columbia bar, 1977. (1982)

Richard G. Hildreth, Frank Nash Professor of Law (ocean and coastal law, property, climate change law and policy); director, Ocean and Coastal Law Center. BSE, 1965, JD, 1968, Michigan (Coif); diploma in law, 1969, Oxford; diploma in law, 1973, Stockholm; California bar, 1969; Oregon bar, 1982. (1978)

Robert C. Illig, associate professor (business associations, mergers and acquisitions, private equity and venture capital). BA, 1991, Williams; JD, 1996, Vanderbilt; New York bar, 1997. (2004)

Carrie Leonetti, associate professor (criminal law, evidence, criminal adjudication). AB, 1994, Michigan, Ann Arbor; JD, 2000, Harvard; Maryland bar, 2000; California bar, 2008. (2008)

Tom Lininger, Orlando J. and Marian H. Hollis Professor of Law (ethics, criminal law, public interest law). BA, 1988, Yale; JD, 1991, Harvard; California bar, 1993; Oregon bar, 2008. (2003)

Mohsen Manesh, associate professor (advanced business law, business associations, contracts); faculty director, portland program. BS, 2003, Arkansas; JD, 2006, Georgetown. (2011)

Roberta Mann, Mr. and Mrs. L. L. Stewart Business Law Professor (tax law, property law, environmental law). BS, 1980, MBA, 1982, JD, 1987,

Arizona State; LLM, 1995, Georgetown; Arizona bar, 1987; District of Columbia bar, 1989. (2008)

Megan McAlpin, instructor (legal research and writing); director, externships and clinics. BS, 2000, Western Oregon; JD, 2003, Willamette; Oregon bar, 2003. (2007)

Michelle McKinley, Bernard B. Kliks Professor of Law; associate professor (immigration law, refugee and asylum law, international law). BA, 1985, Wellesley; MPhil, 1988, Oxford; JD, 1995, Harvard. (2007)

Michael L. Moffitt, professor (civil procedure, negotiation, appropriate dispute resolution); dean; Philip H. Knight Chair. BA, 1991, Marietta; JD, 1994, Harvard. (2001)

Michael Musheno, professor.

Margaret L. Paris, professor (criminal law, Oregon practice and procedure). BA, 1981, JD, 1985 (Coif), Northwestern; Illinois bar, 1985. (1992)

Eric Priest, assistant professor (copyright law, trademark law, property); faculty director, LL.M. program. BA, 1999, Minnesota, Twin Cities; LLM, 2005, Harvard; JD, 2002, Illinois Institute of Technology. (2009)

Ofer Raban, associate professor (constitutional law, criminal investigation, legal interpretation). BA, 1994, City University of New York, City College; DPhil, 1994, Oxford; JD, 1999, Harvard. (2008)

Jennifer Reynolds, associate professor (dispute resolution); faculty director, Appropriate Dispute Resolution Center. AB, 1992, Chicago; MA, 1996, Texas, Austin; JD, 2008, Harvard. (2009)

Joan Rocklin, senior instructor (legal research and writing). BA, 1993, Williams; JD, 1998, Pennsylvania (Coif); New York bar, 1998. (2001)

Suzanne E. Rowe, James L. and Ilene R. Hershner Professor in Jurisprudence; director, Legal Research and Writing Program. BA, 1983, North Carolina, Chapel Hill; JD, 1989, Columbia; California bar, 1992; District of Columbia bar, 1992. (2000)

David Schuman, courtesy professor of practice. BA, Stanford; MA, San Francisco State; JD, 1984, Oregon.

Nancy E. Shurtz, B. A. Kliks Professor of Law (taxation, estate planning, women and the law). BA, 1970, Cincinnati; JD, 1972, Ohio State; LLM, 1977, Georgetown; Ohio bar, 1973; Tennessee bar, 1973; District of Columbia bar, 1977. (1982)

Elizabeth Tippett, assistant professor. MA, 2002, Harvard; JD, 2006, Harvard.

Merle H. Weiner, Philip H. Knight Professor of Law (torts, family law, domestic violence). BA, 1985, Dartmouth; LLM, 1988, Cambridge; JD, 1990, Harvard; District of Columbia bar, 1991; Maryland bar, 1991; California bar, 1993. (1998)

Mary C. Wood, Philip H. Knight Professor of Law (Indian law, public lands, property); faculty director, Environmental and Natural Resources Law Program. BA, 1984, Washington (Seattle); JD, 1987, Stanford; Washington bar, 1989; Oregon bar, 1990. (1992)

Emeriti

Barbara Bader Aldave, retired professor. BS, 1960, Stanford; JD, 1966, California, Berkeley (Coif); Oregon bar, 1966; Texas bar, 1982. (2000)

Donald W. Brodie, professor emeritus. BA, 1958, Washington (Seattle); LLB, 1961, New York University; Washington bar, 1961; Oregon bar, 1981. (1967)

Maurice J. Holland, professor emeritus. AB, 1958, Yale; MA, 1961, JD, 1966, LLM, 1970, PhD, 1980, Harvard; Massachusetts bar, 1963; Oregon bar, 1987. (1986)

Jon L. Jacobson, professor emeritus. BA, 1961, JD, 1963, Iowa (Coif); California bar, 1964. (1968)

Mary S. Lawrence, associate professor emerita. BA, 1960, MA, 1962, Michigan State; JD, 1977, Oregon; Oregon bar, 1977. (1977)

Ralph James Mooney, professor emeritus. BA, 1965, Harvard; JD, 1968, Michigan (Coif); California bar, 1968. (1972)

James M. O'Fallon, professor emeritus. BA, 1966, Kansas State; MA, JD, 1972, Stanford (Coif); California bar, 1973. (1981)

Milton L. Ray, professor emeritus. BA, 1947, Rochester; JD, 1950, Chicago (Coif); Illinois bar, 1950; California bar, 1964. (1971)

Eugene F. Scoles, distinguished professor emeritus. AB, 1943, JD, 1945, Iowa (Coif); LLM, 1949, Harvard; JSD, 1955, Columbia; Iowa bar, 1945; Illinois bar, 1946. (1968)

Rennard Strickland, distinguished professor emeritus. BA, 1962, Northeastern State; MA, 1966, Arkansas; JD, 1965, SJD, 1970, Virginia (Coif); Creek Nation bar, 1965. (1997)

Peter N. Swan, professor emeritus. BS, 1958, LLB, 1961, Stanford; California bar, 1962; United States Supreme Court bar, 1967; Oregon bar, 1979. (1970)

Dominick R. Vetri, professor emeritus (art law, torts, gay and lesbian legal issues). BS, ME, 1960, New Jersey Institute of Technology; JD, 1964, Pennsylvania (Coif); New Jersey bar, 1965; Oregon bar, 1977. (1967)

The date in parentheses at the end of each entry is the first year on the University of Oregon faculty.

- **Doctor of Jurisprudence**
- **Master of Laws in Environmental and Natural Resources Law**
- **Master of Arts in Conflict and Dispute Resolution** (p. 628)
- **Master of Science in Conflict and Dispute Resolution**

Degree Programs

The curriculum presents fundamental subjects of law during the first year, and the first-year program is prescribed. These required courses are designed to provide a solid foundation in legal theory, practical writing and research skills, and a theoretical and practical knowledge of the law.

All but two second- and third-year courses are elective.

Doctor of Jurisprudence

First-Year Required Courses

LAW611	Contracts	3
LAW613	Torts	3
LAW615	Civil Procedure	4
LAW617	Property	4
LAW618	Criminal Law	3

LAW622–623	Legal Research and Writing I-II	4
LAW643	Constitutional Law I	3
Second- and Third-Year Required Courses		
LAW644	Constitutional Law II	3
LAW649	Legal Profession	3
Electives		
Law courses in area of study		55
Total Credits		**85**

Students who have been admitted to the School of Law, who have satisfactorily completed 85 semester credits, and who have otherwise satisfied the requirements of the university and the School of Law are granted the JD degree provided that they

- earn a BA or BS or equivalent degree from an accredited college or university at least two years before completing work for the JD degree
- complete successfully prescribed first-year courses
- complete successfully Constitutional Law II (LAW644) and Legal Profession (LAW649)
- fulfill a skills requirement and a writing requirement
- have been full-time law students for at least six semesters or equivalent
- earn a 2.00 cumulative law school grade point average
- fulfill other requirements as may be imposed

The School of Law reserves the right to modify its curriculum and graduation requirements at any time.

Students in the School of Law may accrue up to 5 of the required 85 semester credits by successfully completing graduate-level courses or seminars at the University of Oregon. These courses must be relevant to their program of legal studies and approved in advance by the assistant dean for student affairs.

Additional Requirements

A total of three years of full-time resident professional study in the University of Oregon School of Law or another law school of recognized standing is required for the JD degree. At least 55 semester hours must be completed at the University of Oregon School of Law.

During the second or third year of law school, each student must complete a writing requirement designed to improve legal writing skills and the ability to analyze legal problems. The requirement is met by an intensive writing experience involving thorough research, substantial writing and editing, and interaction with a faculty member in developing and editing a research paper or legal documents.

During the second or third year of law school, each student must also complete at least one course with substantial professional skills components to qualify for graduation. Professional skills include clinics and externships, trial and appellate advocacy, alternate methods of dispute resolution, counseling, interviewing, negotiating, and drafting.

Concentrations

Second- and third-year students may develop a specialty in business law, child advocacy law, criminal practice, dispute resolution, environmental and natural resources law, estate planning, family law, green business law, intellectual property law, international law, law and entrepreneurship, law and public policy, ocean and coastal law, public interest law, or tax law. A student who satisfactorily completes one of these programs earns a concentration.

Academic Support

The Academic Choice for Excellence Program, a voluntary program open to first-year law students, is particularly beneficial for nontraditional law students and those who are the first in their family to attend college or have been away from school for several years. The program includes academic tutoring designed to bolster the principles that underlie first-year course work, to develop research and writing skills, and to clarify the law school examination process.

Master of Laws in Environmental and Natural Resources Law

The School of Law offers a degree program leading to a master of laws in environmental and natural resources law. Applicants must have a JD from an accredited U.S. law school or a law degree from a non-U.S. program of legal education. The program requires two semesters in residence at the UO School of Law and 24 credits earned.

The LLM seminar is an integrating experience for students, providing education on topics of current concern and introducing students to a variety of lawyers, officials, and natural environments in the Pacific Northwest region of the United States during field trips. The students also work to improve their skills in making presentations, preparing articles for publication, and working collaboratively.

Some LLM students also have the opportunity to participate in the clinical program at the Western Environmental Law Center and the externship program at the Environmental Law Alliance Worldwide.

This program is intended to prepare a select group of postgraduate students for careers in teaching, high-level governmental or international positions, and legal careers in private or public service.

LLM seminar	3
Seven approved courses	21
Total Credits	**24**

Full information can be found on the program website, llm.uoregon.edu.

Master’s Degree in Conflict and Dispute Resolution

The graduate program in conflict and dispute resolution, housed in the School of Law, offers an interdisciplinary, two-year master’s degree (MA or MS) granted by the Graduate School.

Master of Arts in Conflict and Dispute Resolution

Core courses	43
Elective courses	16
Internship (320 hours)	8
Thesis or terminal project	9
Total Credits	**76**

Master of Science in Conflict and Dispute Resolution

Core courses	43
Elective courses	16
Internship (320 hours)	8
Thesis or terminal project	9
Total Credits	**76**

Additional Requirements

In addition, the master of arts degree requires that graduates meet the Graduate School language requirement defined at gradschool.uoregon.edu/policies-procedures/masters. Students must also participate in thirty-two hours of basic mediation training, a prerequisite for the mediation skills course.

First-year students take all the core courses together as a cohort. In their second year of study, degree candidates focus on individualized learning, completing their elective course work, their internship, and their final project.

Electives may be selected from courses offered across campus by various departments and programs, including the Lundquist College of Business; international studies; planning, public policy and management; philosophy; political science; psychology; sociology; and others. The conflict and dispute resolution master's program offers its own elective courses that attract students from across the campus. Examples include the psychology of conflict resolution; grappling with zero-sum conflicts such as Northern Ireland and Israel-Palestine; environmental conflict resolution; and conflict resolution in the workplace.

The internship is a key element of the educational program, providing practical experience in an area that has relevance to the student's educational and career goals and the potential to be a stepping stone to future career development. Internship placements range from local to international. Students are not required to complete all internship credits within a single term. Internship credits needn't be acquired only at one placement location but may be divided among two, or possibly even three, sponsoring agencies.

The thesis or terminal project component of the degree requirements is sufficiently flexible in format and content to allow students to choose between a theory-based academic paper or a project more practical in nature. The former typically will be a formal study of some aspect of the field, the latter a project of practice conducted in the field followed with a final project report. Successful completion of the final project requires an oral defense before the student's final project committee.

Full information can be found on the program website, conflict.uoregon.edu.

Concurrent Degree Programs

JD/MS in Conflict and Dispute Resolution

The School of Law offers a concurrent degree program leading to a doctor of jurisprudence and a master of science degree in conflict and dispute resolution.Students receive two degrees in four years rather than in the standard five, deepening their understanding of negotiation, dispute resolution, and alternative methods of settlement.Applicants must apply to and be accepted by both programs.

JD/MA in International Studies

The School of Law and the International Studies Program offer a concurrent degree program leading to a doctor of jurisprudence and a master of arts degree in international studies with a specialization in international law.Students receive two degrees in four years. Applicants must apply to and be accepted by both programs.

JD/MBA

The School of Law and the Lundquist College of Business Graduate School of Management offer a doctor of jurisprudence and master of business administration (JD/MBA) concurrent degree program. The program prepares students to use their legal skills in fields that require understanding of business principles, finance, accounting, corporate management, sports marketing, and international business.Students receive two degrees in four years rather than in the standard five. Applicants must apply to and be accepted by both schools.

JD/MA or MS in Environmental Studies

The School of Law and the Environmental Studies Program offer a concurrent degree program leading to a doctor of jurisprudence and a master of arts or a master of science in environmental studies. This program introduces students to scientific, social, and legal aspects of environmental regulation and resource development.Students receive two degrees in four years rather than in the standard five. Applicants must apply to and be accepted by the School of Law and the Environmental Studies Program.

JD/MA or MS in Media Studies

The School of Law and the School of Journalism and Communication offer a concurrent degree program leading to a doctor of jurisprudence and a master of arts or master of science in media studies. The degrees provide students with opportunities for both legal and communications internships. Applicants must apply to and be accepted by both schools.

JD/MCRP in Community and Regional Planning

The School of Law and the Department of Planning, Public Policy and Management offer a concurrent degree program leading to a doctor of jurisprudence and a master of community and regional planning. The degrees provide students with opportunities for both legal and planning internships. Applicants must apply to and be accepted by both programs.

JD/MNPM in Nonprofit Management

The School of Law and the Department of Planning, Public Policy and Management offer concurrent degrees that provide students with professionally accredited degrees in both law and public administration, the opportunity to interact with professionals in both the legal and public administration communities, opportunities for both legal and public administration internships, and an array of course work that prepares students for a wide range of professional careers.

JD/MPA in Public Administration

The School of Law and the Department of Planning, Public Policy and Management offer a concurrent degree program leading to a doctor of jurisprudence and a master of public administration. The degrees provide students with opportunities for both legal and public administration internships. Applicants must apply to and be accepted by both programs.

JD/MS in Water Resources Policy and Management

The School of Law and Oregon State University offer a concurrent degree program leading to a doctor of jurisprudence and a master of science in water resources engineering, water resources science, or

water resources policy and management. Applicants must apply to and be accepted by both programs.

Courses

CRES101. Introduction to Conflict Resolution. 4 Credits.
Explores up-to-date conflict management theories and practical steps to communicate effectively in sensitive situations.

CRES199. Special Studies: [Topic]. 1-4 Credits.
Repeatable.

CRES399. Special Studies: [Topic]. 1-5 Credits.
Repeatable.

CRES401. Research: [Topic]. 1-4 Credits.
Repeatable.

CRES404. Internship. 1-4 Credits.

CRES410. Experimental Course: [Topic]. 1-5 Credits.
Repeatable.

CRES415. Conflict and Gender. 4 Credits.
Focuses on the multiple relationships among conflict, violence, and gender in situations of warfare, militarization, and peacemaking.

CRES420. Restorative Justice. 4 Credits.
Provides a critical introduction to the principles and practices of restorative justice.

CRES503. Thesis. 1-9 Credits.
Repeatable.

CRES510. Experimental Course: [Topic]. 1-5 Credits.
Repeatable.

CRES515. Conflict and Gender. 4 Credits.
Focuses on the multiple relationships among conflict, violence, and gender in situations of warfare, militarization, and peacemaking.

CRES520. Restorative Justice. 4 Credits.
Provides a critical introduction to the principles and practices of restorative justice.

CRES601. Research: [Topic]. 1-9 Credits.
Repeatable.

CRES604. Internship: [Topic]. 1-8 Credits.
Repeatable.

CRES605. Reading and Conference: [Topic]. 1-5 Credits.
Repeatable.

CRES607. Seminar: [Topic]. 1-5 Credits.
Repeatable.

CRES608. Workshop: [Topic]. 1-5 Credits.
Repeatable.

CRES610. Experimental Course: [Topic]. 1-5 Credits.
Repeatable.

CRES611. Terminal Project. 1-9 Credits.
Repeatable.

CRES612. Philosophy of Conflict Resolution. 4 Credits.
Study of how philosophical and theoretical frameworks influence current views and practices of conflict resolution.

CRES613. Perspectives on Conflict Resolution. 4 Credits.
Introduction to interdisciplinary perspectives on conflict and conflict resolution. Various disciplines (including economies, psychology, and communication) views of conflict and conflict resolution.

CRES614. Negotiation, Bargaining and Persuasion. 4 Credits.
Examines issues that pervade negotiations, including framing arguments, analyzing bargaining conditions, and crafting deals. Basic skills in negotiation, bargaining and persuasion developed through simulated negotiations.

CRES615. Cross-Cultural Dynamics in Conflict Resolution. 4 Credits.
Provides students with an opportunity to build or enhance necessary theoretical knowledge, awareness, understanding, practical skills, and strategies for effectiveness in cross-cultural conflict resolution.

CRES616. Mediation Skills. 4 Credits.
Develop mediation skills such as problem framing, listening, and issue identification and sequencing. Learn to diagnose problems, clarify facts and craft interventions.

CRES617. Professionalism in Practice. 4 Credits.
Examines the legal and professional ethical constraints in the practice of conflict resolution.

CRES618. Adjudication and Courts. 2 Credits.
Designed to familiarize students with litigation and formal legal alternatives such as arbitration. Court processes and regulations are explained.

CRES620. Facilitation. 2 Credits.
Fundamentals of facilitating group discussions and decision-making.

CRES625. Psychology of Conflict. 4 Credits.
Examines the psychological sources, nature, and functions of conflict, covering multiple levels of analysis relevant to intrapersonal, interpersonal, intragroup, and intergroup conflict.

CRES629. Arbitration Survey. 1 Credit.
Exploring arbitration as a form of dispute resolution with particular relevance to employment, consumer, commercial, and large-scale disputes.

CRES632. Research Methods. 3 Credits.
Explores questions that research may encounter or raise, and how to resolve them. Considers both qualitative and quantitative research methods.

CRES650. Capstone Seminar. 1 Credit.
Provides student with opportunities to systemically consider lessons from their practicum experiences. Class sessions based on student fieldwork.

Courses

LAW101. Introduction to American Law. 4 Credits.
Surveys United States legal system: presents structure and methods of the legal system and fundamentals of several substantive areas of law.

LAW102. Introduction to Criminal Law. 4 Credits.
Explores criminal law and statutes using primary and secondary sources.

LAW103. Introduction to Criminal Investigation. 4 Credits.
Examines the constitutional limitations on police officers' authority to detain suspects, search them and their property, and interrogate them.

LAW199. Special Studies: [Topic]. 1-5 Credits.
Repeatable.

LAW201. Introduction to Environmental Law and Policy. 4 Credits.
An introduction to environmental policy and law, with an overview of major themes and the regulatory framework. Focuses on community resilience.

LAW202. Introduction to Public International Law. 4 Credits.
An introduction to the origins, application, and main actors in international law, international institutions, and international legal processes.

LAW410. Experimental Course: [Topic]. 1-5 Credits.
Repeatable.

LAW510. Experimental Course: [Topic]. 1-5 Credits.
Repeatable.

LAW600. Law Courses for Nonlaw Students. 1-15 Credits.
Repeatable. Generic course number for translating 600-level School of Law semester credits to term credits on academic records for nonlaw students.

LAW601. Research: [Topic]. 1-16 Credits.
Repeatable.

LAW605. Reading: [Topic]. 1-16 Credits.
Repeatable.

LAW607. Seminar: [Topic]. 1-5 Credits.
Repeatable. Recent topics include Accounting for Lawyers, Alternative Dispute Resolution, American Legal Biography, Immigration Law, Litigation Practice and Procedure, Mediation, Negotiation, Nonprofit Organizations, Postconviction Remedies, White-Collar Crime.

LAW610. Experimental Course: [Topic]. 1-5 Credits.
Repeatable.

LAW611. Contracts. 3 Credits.
Examines contractual relationships from formation through interpretation and breach to remedies and potential third-party rights. Covers the common law of contracts and Uniform Commercial Code, Article 2, which governs contracts for the sale of goods.

LAW612. Contracts. 3 Credits.
Examines contractual relationships from formation through interpretation and breach to remedies and potential third-party rights. Covers the common law of contracts and Uniform Commercial Code, Article 2, which governs contracts for the sale of goods.

LAW613. Torts. 3 Credits.
Liability for intentional and negligently caused injuries to person and property, strict liability, vicarious liability, abnormally dangerous activities, products liability, nuisance, invasion of privacy, defamation, defenses and immunities, the impact of insurance and risk distribution upon liability, accident compensation plans, damages, losses.

LAW614. Torts. 3 Credits.
Liability for intentional and negligently caused injuries to person and property, strict liability, vicarious liability, abnormally dangerous activities, products liability, nuisance, invasion of privacy, defamation, defenses and immunities, the impact of insurance and risk distribution upon liability, accident compensation plans, damages, losses.

LAW615. Civil Procedure. 4 Credits.
Survey of federal court organization and jurisdiction and of systems of civil procedure.

LAW617. Property. 4 Credits.
Nature and function of private property rights. Topics may include the common law classification of estates in land; forms of concurrent ownership; landlord and tenant; adverse possession; incorporeal interests in land, easements, covenants, and servitudes; title; introduction to land use issues and judicial legislative developments in law.

LAW618. Criminal Law. 3 Credits.
Administration of criminal law and the definition of crimes as a technique of social order with primary basic elements of criminal liability. Emphasis on sources of definitions, limitations of culpability, and defenses.

LAW620. Business Associations. 4 Credits.
Surveys business relationships between the people who own, invest in, and manage businesses and the third parties who interact with or are affected by them. Starting with sole proprietorships, then turning to partnerships, corporations, and hybrids of the two, presents the structure, operation, and salient characteristics of each business form.

LAW621. Advanced Business Law. 2 Credits.
Presents topics not covered in Business Associations I. Includes special corporate fiduciary duties that are implicated in friendly and unfriendly merger transactions as well as the federal securities laws that affect corporate governance.
Prereq: LAW 620.

LAW622. Legal Research and Writing I. 2 Credits.
Integrated instruction in legal research, analysis, and writing of legal memoranda emphasizes research strategies, problem solving, and the relationship between research strategies and analysis. Writing assignments, each progressively more difficult, are evaluated by faculty members. Offered in small sections. Includes library workshops and individual conferences on writing assignments.

LAW623. Legal Research and Writing II. 2 Credits.
Building on the research, writing, and analytical skills of Legal Research and Writing I, students focus on persuasive writing as they produce trial memoranda and appellate briefs. Students present final oral arguments in a courtroom setting before a panel of three judges. Offered in small sections. Includes research, citation, and writing workshops.

LAW625. Business Bankruptcy. 3 Credits.
Explores the law governing business bankruptcy; examines tools for restructuring and rehabilitating a business under Chapter 11 of the Bankruptcy Code. Topics include operating a business in bankruptcy, reshaping the estate, and negotiating and confirming a plan of reorganization.
Prereq: LAW 648.

LAW626. Mergers and Acquisitions. 2-3 Credits.
Participants develop an understanding of how to analyze a potential acquiree and how that analysis informs and governs the drafting of the acquisition agreement and the disclosure document. Presents the germination of a transaction from financial need to executed documentation.
Prereq: LAW 620.

LAW631. Real Estate Planning. 3 Credits.
Covers the planning and documentation of real estate development, financing and leasing transactions, with special emphasis on tax aspects of real estate transactions. Taught from a practical skills perspective that will appeal to practicing lawyers and other employers.
Pre- or co-req: LAW 680.

LAW633. Business Planning. 2,3 Credits.
Follows the life cycle of a business from its initial organization and operation to its eventual sale and dissolution. Students draft documents for use in hypothetical transactions, compare the way partnerships and corporations deal with similar problems, and analyze the impact taxes have on business decisions.
Prereq: LAW 620 and 680.

LAW635. Secured Land Transactions. 2,3 Credits.
Introduces basic devices used in land finance--mortgage, trust deed, and land sale contract--and how these devices are used in securing individual residential sales as well as complex modern commercial development such as office complexes and shopping centers.

LAW636. Commerical Law. 4 Credits.
Examines the complex network of rules that underlies even seemingly simple transactions, such as cashing a check or taking collateral for a loan, and how those rules affect personal transactions and more intricate business transactions. Emphasis on Uniform Commercial Code Article 9, which governs secured transactions, and on UCC Articles 3 and 4, which govern negotiable instruments.

LAW637. Trusts and Estates I. 3 Credits.
Basics of estate planning law--intestate succession, wills, will substitutes, and trusts.
Prereq: LAW 617.

LAW639. Employment Discrimination. 3 Credits.
Examines theory and law of race, sex, age, disability, and other prohibited employment discrimination, including harassment. Focuses on federal statutes and relevant constitutional provisions, and applies law and theory to practice.

LAW640. Children and the Law. 3 Credits.
Topics include the constitutional framework for allocating the power to make decisions about children among parents, children, and state agents; control of education; parental support duties; establishing paternity; the child welfare system; legal solutions to conflict between adolescents and their parents; and juvenile delinquency and the juvenile justice system.

LAW642. International Business Transactions. 3 Credits.
Examines legal issues affecting international business activity; includes forms of doing business, trading of goods, commercial terms, the UN Convention on Contracts for the International Sale of Goods, financing, technology, transfers, foreign investment, and dispute resolution.

LAW643. Constitutional Law I. 3 Credits.
Government structure and individual rights are examined in the context of the authority of courts to declare legislative acts unconstitutional. Includes congressional regulatory power under the Commerce Clause, implied limits on state regulatory power, and the substantive dimensions of due process.

LAW644. Constitutional Law II. 3 Credits.
Guarantees of individual rights against government, especially freedom of expression and equal protection of the law.
Prereq: LAW 643.

LAW645. Oregon Practice and Procedure. 3 Credits.
Intensive study of civil procedure in Oregon courts, and the critical evaluation of Oregon civil procedure in light of the purposes and values of a procedural system and in comparison with federal rules.

LAW646. Federal Jurisdiction. 3 Credits.
Addresses the role of federal courts in the operation of the federal system. Includes analysis of constitutional and legislative foundations of the judicial power of the United States; jurisdiction--diversity of citizenship, federal question, jurisdictional amount, and removal; venue; federal and state court relationships; the law applied to federal courts; procedure in the federal district courts; appellate jurisdiction and procedure in courts of appeals and the Supreme Court.

LAW647. Conflict of Laws. 3 Credits.
Students learn to evolve techniques for choosing or selecting the governing law from among the states or nations involved in a private event. Presents some aspects of federalism; jurisdiction; and the recognition, enforcement, and modification of judgments.

LAW648. Bankruptcy. 3 Credits.
Introduction to bankruptcy law; focuses on consumer bankruptcy and contrasting creditor's rights and debtor's protections under the federal Bankruptcy Code with those under state collection law. Recommended preparation: Commercial Law (LAW 636).

LAW649. Legal Profession. 3 Credits.
Addresses the Model Code of Professional Responsibility, the Code of Judicial Ethics, roles and functions of lawyers in society, organization and functions of the bar, provision of legal service, responsibilities in representing clients, and the future of the legal profession. It may include the review and analysis of videotaped ethical problems.

LAW652. Evidence. 3 Credits.
Covers the structure of the adversary system; roles of judge, jury, and attorney in the fact-finding process; sufficiency of evidence; order of proof; presumptions; relevancy; judicial notice; real and documentary evidence; form and elicitation of oral testimony; impeachment and rehabilitation of witnesses; the hearsay rule and its exceptions; privileges. Addresses practical problems in the introduction of evidence and trial tactics and methods. Courtroom observations, movies, and videotapes of effective trial techniques present realistic situations.

LAW655. Family Law. 3 Credits.
Marriage and its legal consequences, divorce and its financial consequences; establishing the parent-child relationship; child custody and child support; jurisdiction and choice of law issues at divorce; legal regulation of marriage; rights of unmarried cohabitants.

LAW656. Elder Law. 3 Credits.
Topics include social security and pensions; health care decision-making, including the right to die, living wills, and durable powers of attorney for health care; planning for health care financing, including alternate living arrangements and financing through private resources, Medicare and Medicaid; regulation of retirement facilities and nursing homes; and protection of disabled adults through guardianships, conservator-ships, and related mechanisms. Covers the basic and comprehensive writing requirements.

LAW658. Local Government Law. 3 Credits.
Uses DeTocqueville and Madison to frame the issue of decentralization versus centralization in governmental structure. Course materials are divided into three sections: 1) vertical governmental organization--the relationships between cities and state governments and the relation of both to the federal government; 2) horizontal governmental relations--how neighboring cities deal with one another on public school funding, exclusionary zoning, regional planning, and other areas; 3) internal relationship between cities and their citizens--voting systems, when citizens can sue a city, referenda, and initiatives.

LAW659. Labor Law. 3 Credits.
Analysis of the National Labor Relations Act and the Oregon Labor Relations Act; the right of self-organization; selection of the representative by election and by other means; unit determination; bargaining in good faith; remedies for unfair labor practices; judicial review; strikes, boycotts, and lockouts under various labor relations acts; concerted activities; and roles of courts and labor agencies.

LAW660. Employment Law. 3 Credits.
Examines individual rights in the workplace, including federal and state statutes. Use of questionnaires, polygraph legislation, drug and other medical tests; employment discrimination (Title 7); disability discrimination; family leave statutes; and a variety of working conditions are covered, including harassment, workplace privacy, and free speech as well as the Occupational Safety and Health Act. The doctrine of at-will discharge and whistle-blower legislation are included.

LAW661. Remedies. 3 Credits.
Remedies available for prevention of redress of civil wrongs; includes monetary damages; restitutionary remedies such as tracing, constructive trusts, equitable liens, and injunctions.

LAW662. Jurisprudence. 3 Credits.
Topics may include examination of important conceptual theories of law--legal positivism, natural law, legal realism; the relation of law and morality; theories of justice: economic, Kantian, utlitarian; the Critical Legal Studies movement; philosophical aspects of legal issues; abortion and punishment; feminist theories of law; and moral constraints of the practice of law.

LAW663. Antitrust Law. 3 Credits.
Explores the tension between a free enterprise, competition-based model and a government-intervention model in which the interests of competitors, purchasers, and consumers are protected and shielded. Examines three statutes—the Sherman Act, the Clayton Act, and the Robinson-Patman Act—and the many cases construing and interpreting these flexible and loosely defind statutes. The Federal Trade Commission Act and the Antitrust Procedure Act are addressed.

LAW664. Administrative Law. 3 Credits.
Analysis of judicial review of administrative action, including presumptions, standing, ripeness, exhaustion, and questions of fact and law; the process of proof in adjudicatory hearings, including official notice, evidentiary considerations, and investigation; the process of decision in adjudicatory hearings, including separation of function, bias, and ex parte communication; procedural distinctions between rule making and adjudication.

LAW665. Securities Regulation. 2-3 Credits.
Examines the federal statutes and regulations that affect the initial and secondary distribution of securities. Emphasis is placed on the Securities Act of 1933, the Securities Exchange Act of 1934, and the integrated disclosure system now largely in place.

LAW667. Copyrights. 3 Credits.
Virtually any creative product (other than inventions) that originates with the author can be protected by copyright. Comprehensive federal copyright statute is built upon extensive judicial interpretations through case law. Considers creations, ownership, and transfer of copyright interests and the rights accorded to copyright owners to make copies and derivative works and to distribute, perform, and display the work. Addresses the basic principles of trademark law.

LAW668. Land Use Law. 2-3 Credits.
Surveys the function, operation, and legal impact of state and local public planning and land-use control laws, ordinances, and administrative growth-control techniques; transfer of developmental rights; zoning; variances; conditional-use permits; and nonconforming uses. Considers newer state-level land-use control devices, such as state environmental impact assessment acts (e.g., in California) and statewide land-use planning laws (e.g., in Oregon).

LAW669. Water Resources Law. 2,3 Credits.
Reparian and appropriation water law systems, federal and state power over water resources, transfer of water rights, groundwater management, public water rights, including the public trust doctrine, and enviornmental constraints on water use.

LAW670. Public Land Law. 3 Credits.
Reviews the historical development of public land law and an analysis of the interrelated roles of Congres, the executive branch, the courts, and state governments in determining the use of public lands. Examines management of specific resources found on public lands: wilderness, timber, water, wildlife, grazing, minerals with attention to the growing tension between resource development and preservation of the public lands.

LAW671. International Law. 2-3 Credits.
Justification for state actions labeled rules of law; sources and evidence of a law between states; statehood; treaties; state responsibility and authority; individuals in transnational situations; international cooperation; protection of human rights; and use of military force.

LAW673. Patent Law and Policy. 2,3 Credits.
Developments in patent law including patentable subject matter; requirements for patentability and infringement; the process of obtaining and enforcing a patent; and contemporary controversies in patent law, such as ethical and economic objections to biotechnology and software patents.

LAW675. Legal Writing. 1-3 Credits.
Research and writing supervised by a faculty member. Typically 2 credits, but never more than 3, are awarded for a writing project in one semester.

LAW678. Indian Law. 2,3 Credits.
Explores the history of American Indian law and its sources in treaties, statutes, case law, regulations, and executive orders; analyzes various policy approaches. Examines the federal trust relationship, tribal sovereignty over internal affairs, criminal and civil jurisdiction over tribal lands, management of natural resources of tribal lands, hunting and fishing rights, and cultural preservation. Inquires into the extent to which tribes are free to operate as independent soverign nations.

LAW680. Federal Income Tax I. 3 Credits.
Statutory, judicial, and administrative material related to individual income tax—concepts of income, deductions, credits, tax accounting, basis, and capital gains and losses.

LAW681. Federal Income Tax II. 3 Credits.
Tax treatment of partners and partnerships, corporations, and shareholders.
Prereq: LAW 680.

LAW682. Estate and Gift Taxes. 2 Credits.
Analysis of the federal estate and gift tax system and its application to gratuitous transfers.
Prereq: LAW 637, 680.

LAW683. Estate Planning. 3 Credits.
Presents problems in estate analysis, planning, and execution; planning an estate from the interview stage to the drafting of wills and trusts to implement the estate plan. Topics include minimizing estate and gift taxes, trusts for minors, charitable giving, disposition of a family busienss, incapacity, stepfamilies and non-traditional families, and valuation.
Prereq: LAW 682.

LAW684. Criminal Investigation. 3 Credits.
Examines the regulation of law enforcement investigatory practices--searches and seizures, the eliciting of confessions, and lineups and other idenfication procedures. Course materials analyze various constitutional and statutory constraints on law enforcement practices, and deal extensively with landmark federal constitutional cases such as Miranda v. Arizona.

LAW685. Criminal Adjudication. 3 Credits.
Examines the adjudicative part of criminal procedure; covers the decision to charge, bail and pretrial release, grand juries and preliminary hearings, discovery, pretrial motions, plea bargaining, jury trials, appeals, and former jeopardy.

LAW686. Environment and Pollution. 3 Credits.
Taught whenever possible as a seminar; class preparation is essential. Emphasizes air and water pollution law. Legal questions address federal laws, enforcement techniques, proper and improper roles of courts, and the concept of forcing technology. Context includes primarily Clean Air Act, Clean Water Act.

LAW687. Wildlife Law. 2 Credits.
Overview of the treatment of wildlife; international regulation; federal regulation; the national wildlife refuge system; wildlife management on U.S. Forest Service lands and lands administered by the Bureau of Land Management; fish habitat and hydroelectric development; regulation of private lands to protect species on public lands; tribal rights and wildlife; and state regulation of wildlife.

LAW688. Hazardous Waste Law. 2 Credits.
Hazardous waste liability and regulation is moving to the forefront of environmental law as industries, governmental agencies, and citizen groups struggle with the problems of remedying contamination caused by past disposal practices and seek to prevent unsafe disposal in the future. Emphasizes the attorney's roles in compliance counseling, in environmental audits, and in negotiation between governmental agencies and regulated parties.

LAW690. International Environmental Law. 2,3 Credits.
Investigates treaty and customary principles of international law regarding environmental protection. Covers problems of protecting the international environmental commons, transboundary pollution, and international interest in national environmental resources.

LAW691. Comparative Environmental Law. 3 Credits.
Includes readings and classroom discussions; participation by U.S. staff members of the Environmental Law Alliance Worldwide; participation by international lawyers visiting Eugene under E-LAW U.S.'s "working exchange" program; pairing of students with lawyers in other countries for legal research; making legal material available to others using the web. Research paper required.

LAW692. International Trade and Investment Law. 3 Credits.
Examines U.S. and international regulatory structures, policies, and rules governing trade and investment that cross national boundaries. Emphasizes history, philosophy, and practices that characterize the World Trade Organization and the General Agreement on Tariffs and Trade. Considers regional economic arrangements and the European Union.

LAW693. Human Rights and Environment. 3 Credits.
Environmental rights, increasingly recognized as a new category of human rights as well as an application of existing rights, are both substantive and procedural. Presents recent developments in international law and national law in various countries in Europe, Africa, Asia, and the Americas. Examines international instruments, national constitutions, and legislation. Discussion includes novel international court cases that interpret and apply these rights.

LAW704. Internship: [Topic]. 1-12 Credits.
Repeatable. Hollywood Externship, Federal Judicial Internship.

LAW707. Seminar: [Topic]. 1-6 Credits.
Repeatable. Recent topics are Advanced Appellate Advocacy; Interviewing and Counseling; Journal of Environmental Law and Litigation; Legislative Issues Workshop; Moot Court Board; Moot Court Competition; Law Review; Oregon Review of International Law, Trial Practice.

LAW712. Small Business Clinic. 3 Credits.
Replicates the environment of a small law firm. Students represent small companies and entrepreneurs who need legal assistance in forming and operating their businesses. Each student assists several clients during the course of the semester under the supervision of an attorney. Includes a weekly seminar offering instruction in substantive law, ethical issues, and practical lawyering, with an emphasis on the skills required in drafting documents, interviewing and counseling clients, and representing clients in organizational and contractual matters.
Prereq: LAW 620, 680.

LAW714. Judicial Externship [Topic]. 1-12 Credits.
Externship at the Lane County Circuit Court. Students conduct research, write legal memoranda, draft opinions and generally participate in the daily operation of the court. Repeatable.

School of Music and Dance

C. Brad Foley, Dean
541-346-3761
541-346-0723 fax
121 MarAbel B. Frohnmayer Music Building
1225 University of Oregon
Eugene, Oregon 97403-1225

The School of Music and Dance is nationally recognized for its dedication to the highest levels of excellence in teaching, performance, and research. It is the only music school in the state of Oregon authorized to grant master's degrees in dance and doctoral degrees in music.

The School of Music and Dance began as the Department of Music in 1886, then the School of Music in 1900. It was admitted as a charter member of the National Association of Schools of Music in 1928. The school was joined in 1991 by the dance faculty—which had been offering courses at Oregon since 1911, and which established a dance major in 1959—and was renamed the School of Music and Dance in 2005. The UO music and dance departments are among the oldest west of the Mississippi.

The School of Music and Dance serves more than 500 music and dance majors, including 150 graduate students, and offers the following degrees in a wide range of options:

- bachelor of arts (BA)
- bachelor of music (BMus)
- bachelor of music in music education (BMME)
- bachelor of science (BS)
- master of arts (MA)
- master of fine arts (MFA)
- master of music (MMus)
- master of science (MS)
- doctor of musical arts (DMA)
- doctor of philosophy (PhD)

The ratio of students to faculty members is 8.3-to-1.

More than 250 performance programs are held annually in Eugene by UO students and faculty members, and more than 500 in the United States and abroad.

Mission Statement

The University of Oregon School of Music and Dance has a threefold mission:

- To prepare students to lead lives enriched by the arts of music and dance
- To provide comprehensive programs for those pursuing professional careers in music and dance, and a broad range of courses for those seeking a liberal arts education
- To serve as an educational and cultural resource for the University of Oregon, the local community, and the state of Oregon

Dance

Jenifer P. Craig, Department Head
541-346-3386
541-346-3380 fax
161 Gerlinger Annex
1214 University of Oregon
Eugene OR 97403-1214

The primary aim of the Department of Dance is to enrich the lives of majors, nonmajors, and the Oregon community with diverse dance experiences. Dance is explored as an art form and as one of the humanities in a liberal arts education. Study in dance as an academic discipline integrates inquiry and theory to develop skills in observation, critical thinking, problem solving, and evaluation. In addition to the academic components, dance students experience the rigorous professional discipline that is inherent in studio classes. The department emphasizes modern dance with a strong supporting area in ballet. Students may also study such idioms as ballroom, contact improvisation, hip-hop, jazz, salsa, tango, and tap.

Regardless of a student's career goals, education in dance at the University of Oregon provides the opportunity to develop motivation and self-discipline, intellectual curiosity, and creative imagination. These attributes are essential not only for a successful career but also for experiencing a fulfilling life.

Information about performances, placement classes, performance auditions, master classes, special events, and scheduling updates is available in the department office.

Facilities

The Department of Dance has four professional dance studios for classes and activities in dance. In addition to serving as classrooms and rehearsal spaces, two studios in Gerlinger Annex convert into the M. Frances Dougherty Dance Theatre, which seats 225 people and has state-of-the-art stage equipment.

Performing Opportunities

The department offers frequent opportunities for students to perform in works by faculty members, guest artists, graduate students, and undergraduates. Performances are produced throughout the year, and any university student may participate. Participants are usually selected through auditions. Rehearsals and performances may earn academic credit.

A student may earn credit and gain experience in teaching, lighting, costuming, makeup, management of productions, or a combination of these. Practicum credit is offered in dance choreography, production design, and management.

Repertory groups such as the UO Repertory Dance Company and Dance Africa tour Oregon and the Northwest presenting concert performances as well as lecture-demonstrations and master classes for public schools, colleges, universities, civic organizations, and community concert series.

Theatrical collaborations with the Department of Theater Arts or within the School of Music and Dance provide performance opportunities that incorporate dancing, acting, and singing. These activities carry academic credit.

Honor Society and Scholarships

The Department of Dance awards Lotta Carll scholarships yearly to talented student performers and choreographers.

Dance Oregon

A student organization partially funded by the Associated Students of the University of Oregon, Dance Oregon is open to any student interested in dance. Its general function is to enhance and enrich the dance opportunities offered through the departmental curriculum. To this end, Dance Oregon provides a variety of activities each year that are promoted on and off campus. Examples include sponsoring professional guest artists to perform, lecture, set repertory, or teach master classes, and organizing student participation in the American College Dance Festival.

Dance Program for Nonmajors

A variety of dance experiences are provided for enjoyment and enrichment through the dance program. Lower-division DANC courses generally offer beginning or elementary instruction and may be repeated twice for credit. Upper-division DANC courses provide low-intermediate instruction and may be repeated twice for credit. A maximum of 12 credits in DANC courses may be applied to the total number of credits required for a bachelor's degree.

Upper-division DAN courses provide advanced instruction. See DAN course listings for credit repeatability.

Noncredit DANC and DAN studio courses may be available to matriculated university students through the noncredit student program and to members of the community through community dance. In each case, a modest instructional fee is assessed by the Department of Dance.

Faculty

Steven Chatfield, professor (modern technique, dance sciences, research). BA, 1975, MA, 1984, PhD, 1989, Colorado, Boulder. (1989)

Christian Cherry, associate professor (fundamentals of rhythm, music for dance and music in the dance studio, contact improvisation); director, graduate studies; director, music in dance. BA, 1983, Ohio Wesleyan; MM, 1993, Ohio State. (2001)

Jenifer P. Craig, associate professor (modern and jazz technique, history and dance philosophy, dance production). BA, 1971, MA, 1973, Oregon; PhD, 1982, Southern California. (1986)

Brad Garner, associate professor (modern, jazz, and ballet technique; improvisation). BFA, 1997, Minnesota, Twin Cities; MFA, 2004, Arizona State. (2009)

Rita Honka, adjunct instructor (African and modern technique, somatics). BS, 1989, Wayne State; MS, 1992, Oregon. (1993)

Habib Iddrisu, assistant professor (West African music, dance, performance). BA, 2002, MA, 2004, Bowling Green State; PhD, 2011, Northwestern. (2013)

Walter Kennedy, associate professor (modern and ballet technique, pedagogy, composition); director, undergraduate studies. BFA, 1996, California State, Long Beach; MFA, 1999, Illinois, Urbana-Champaign. (2000)

Shannon Mockli, associate professor (modern, jazz, and ballet technique; composition). BFA, 2003, MFA, 2008, Utah. (2008)

Emeriti

Bruno V. Madrid, senior instructor emeritus. BMus, 1955, Santo Tomas Conservatory of Music; MMus, 1963, Oregon. (1966)

Susan Zadoff, senior instructor emerita. Ballet Russe de Monte Carlo. (1976)

The date in parentheses at the end of each entry is the first year on the University of Oregon faculty.

- **Bachelor of Arts**
- **Bachelor of Science**
- **Minor**

Undergraduate Studies

The Department of Dance offers curricula leading to bachelor of arts (BA) or bachelor of science (BS) degrees. The goal of the department is to provide comprehensive dance training within the liberal arts framework of the university. The serious study of dance involves intellectual, artistic, and physical development. The Department of Dance emphasizes all three areas of growth, a commitment made possible by the breadth of its curricular offerings and the depth of faculty expertise.

Facility with oral and written communication is one goal of a liberal arts education. Therefore, dance majors pursue a course of study to acquire a firm intellectual grasp of the theoretical, historical, and creative forces that shape dance as an art form.

Dance, unique in that it is also a physical form of communication, requires continual experience in its technical foundations. Students are expected and encouraged to experience a variety of forms of dance training and idioms. Production and pedagogy are also integral to the undergraduate core, because many students find careers in theater and teaching.

Goals for the Undergraduate Dance Major

1. Explore the field of dance from a liberal arts perspective
2. Explore disciplined technique and creative processes involved in the artistry of dance
3. Formulate an intellectual understanding of the historical, philosophical, and culturally significant aspects of dance
4. Develop a working knowledge of music and science as they relate to and enhance the dance experience
5. Develop an understanding of dance as a unique art form in conjunction with its relationship to other art forms and disciplines
6. Develop a level of competence in performance, creative, and theoretical aspects of dance to pursue graduate studies or other professional goals

Preparation

High school students planning to major in dance should include preparation in music, drama, art, and dance, especially modern dance and ballet.

Students transferring to the UO as dance majors after two years of college work elsewhere should have completed two terms of college-level English composition, as many of the university's general-education

requirements as possible, and training in modern dance and ballet techniques.

Careers

Career opportunities include performing in regional dance companies and teaching in universities, colleges, community colleges, community centers, fitness centers, and private studios. Business and technical theater management, dance science, dance research, and dance journalism offer alternatives to performance and creative work.

Admission and Placement

Students eligible for admission to the university may declare dance as a major. Entering freshmen should have some knowledge of dance and music as art forms and technical training in dance. Transfer students must meet any deficiencies in lower-division dance course work by proficiency examination or by completion of the core course at the first opportunity.

A placement class in modern dance and ballet technique is required of all majors and minors. Placement classes are held spring term for the following year as well as during Week of Welcome, in the fall. Faculty adjudicators observe and place students according to their skill level. Entering freshmen who plan to attend IntroDUCKtion, the university's new-student orientation held in July, are strongly urged to take the spring placement class to determine which technique classes to take. More information on placement is available by contacting the dance department office.

Bachelor Degree Program

Students are placed in levels of modern and ballet technique according to skill level. Each term students are reviewed to ensure that they are studying at the most advantageous level for their abilities. Dance majors are expected to take a modern and ballet course every term.

Candidates for the bachelor's degree with a major in dance must satisfy general university requirements, select appropriate courses in related areas, and complete dance course requirements with a grade of C– or better. The faculty regularly reviews students for evidence of satisfactory progress toward fulfilling degree requirements. Students who receive grades lower than C– or I (incomplete) or Y in dance courses are placed on departmental probation and must repeat or complete the course with a minimum grade of C–. Students placed on departmental probation have one term to achieve the goals they agreed upon with their academic advisors. While students are on probation, they receive guidance to help them achieve satisfactory progress toward the degree.

Courses required for a dance major or minor must be taken for letter grades when that option is available. A grade of P must be earned in courses designated pass/no pass (P/N) only. The P/N option should be exercised sparingly by students who plan to pursue a graduate degree in dance.

Advising

Students admitted as majors must meet with a dance faculty advisor prior to registration each term. These meetings inform students about prerequisites and progress toward the degree. Appointment schedules for advising are posted by each advisor. Students must have a signed advising contract in their departmental academic file before they may register each term.

Bachelor of Arts Degree Requirements

Lower Division		
DAN251	Looking at Dance	4
DAN252	Fundamentals of Rhythm	3
DAN255	Dance Production I	3
DAN256	Dance Somatics	3
DANC271	Dance Improvisation [1]	2
Studio technique courses in at least two idioms other than modern or ballet (breadth requirement) [2]		4
Upper Division		
DAN351–352	Dance Composition I-II	6
DAN355	Dance Production II	1
DAN360	Dance Kinesiology	4
DAN394	Modern Dance Laboratory (or higher, three terms) [3]	9
DAN396	Ballet Laboratory (or higher, two terms) [3]	4
DAN404	Internship: [Topic]	2
DAN408	Workshop: [Topic] (Performance)	2
DAN411	Senior Project	3
DAN453	Ballet from the Courts to Balanchine	3
DAN454	Evolution of Modern Dance	3
DAN458	Music for Dancers	3
DAN480	Dance Repertory	2
DAN491	Teaching Dance	3
Electives		
Dance electives [4]		24
University Requirements and Electives		
Courses to fulfill university requirements for bachelor's degree and electives		89
Total Credits		**177**

1. Two credits of improvisation are required for the major, either by repeating Dance Improvisation (DANC271) or by taking Dance Improvisation (DANC271) and Contact Improvisation (DANC171).
2. Lower-division breadth courses should be completed by the end of the sophomore year. Students with experience in any of these forms should enroll in the highest level that reflects their competence in each idiom. Decisions about the appropriate level are made in consultation with an advisor.
3. Dance majors must enroll in a ballet or modern technique course every term they are in the program. The minimumcompetency for graduation is two terms of ballet—Ballet Laboratory (DAN396)—and three terms of modern—Modern Dance Laboratory (DAN394).
4. With approval from their faculty advisor, dance majors may focus their 24 credits of elective work in one of three ways:
   1. by completing an established minor or second major
   2. by concentrating on an area of emphasis within dance
   3. by integrated interdisciplinary study

Bachelor of Science Degree Requirements

Lower Division		
DAN251	Looking at Dance	4
DAN252	Fundamentals of Rhythm	3
DAN255	Dance Production I	3

DAN256	Dance Somatics	3
DANC271	Dance Improvisation [1]	2
Studio technique courses in at least two idioms other than modern or ballet (breadth requirement) [2]		4
Upper Division		
DAN351–352	Dance Composition I-II	6
DAN355	Dance Production II	1
DAN360	Dance Kinesiology	4
DAN394	Modern Dance Laboratory (or higher, three terms) [3]	9
DAN396	Ballet Laboratory (or higher, two terms) [3]	4
DAN404	Internship: [Topic]	2
DAN408	Workshop: [Topic] (Performance)	2
DAN411	Senior Project	3
DAN453	Ballet from the Courts to Balanchine	3
DAN454	Evolution of Modern Dance	3
DAN458	Music for Dancers	3
DAN480	Dance Repertory	2
DAN491	Teaching Dance	3
Electives		
Dance electives [4]		24
University Requirements and Electives		
Courses to fulfill university requirements for bachelor's degree and electives		89
Total Credits		**177**

1. Two credits of improvisation are required for the major, either by repeating Dance Improvisation (DANC271) or by taking Dance Improvisation (DANC271) and Contact Improvisation (DANC171).
2. Lower-division breadth courses should be completed by the end of the sophomore year. Students with experience in any of these forms should enroll in the highest level that reflects their competence in each idiom. Decisions about the appropriate level are made in consultation with an advisor.
3. Dance majors must enroll in a ballet or modern technique course every term they are in the program. The minimumcompetency for graduation is two terms of ballet—Ballet Laboratory (DAN396)—and three terms of modern—Modern Dance Laboratory (DAN394).
4. With approval from their faculty advisor, dance majors may focus their 24 credits of elective work in one of three ways:
   1. by completing an established minor or second major
   2. by concentrating on an area of emphasis within dance
   3. by integrated interdisciplinary study

Students who enroll in a DAN or DANC course without completing the course's prerequisite—either a specific course or an audition or a level of skill—are asked to withdraw. Failure to do so results in a grade of F or N (no pass) for that course.

Required internships, performances, and senior projects can be satisfied in a variety of ways. Through consultation, students and their advisors choose options for these requirements that allow the students to pursue personal interests.

University requirements for the BA and BS degrees are explained in the **Bachelor's Degree Requirements** section of this catalog.

Honors College Program

See the **Robert Donald Clark Honors College** section of this catalog for specific honors college requirements. Departmental requirements for dance majors enrolled in the Clark Honors College include the following:

- 6 credits of independent study in choreography, technical production, or related research leading to the senior honors thesis
- Either a choreography (minimum of ten minutes) with written description and discussion or an honors essay on an approved research topic

Dance Minor

The dance minor is available to undergraduate students who want to combine an interest in dance with a major in another area of study. The minor allows students flexibility in constructing a program of courses to enhance and complement any chosen major.

Dance courses applied to the minor must be passed with grades of C– or better. Most upper-division courses have prerequisites, corequisites, or both.

Dance Minor Requirements

Technique [1]		
DAN294, DANC372, or higher modern and/or ballet technique courses [1]		6
Three studio technique courses in dance idioms other than modern or ballet [1]		3
Core Courses		
DAN251	Looking at Dance	4
DAN252	Fundamentals of Rhythm	3
DAN255	Dance Production I	3
DAN256	Dance Somatics	3
DANC271	Dance Improvisation	1
DAN355	Dance Production II	1
Upper-Division Courses [1,2]		
Select courses from at least two of the following fields:		8
Studio Theory		
DAN351	Dance Composition I	
DAN352	Dance Composition II	
DAN491	Teaching Dance	
Humanities		
DAN301	Dance in Traditional Cultures: Africa: [Topic]	
DAN453	Ballet from the Courts to Balanchine	
DAN454	Evolution of Modern Dance	
DAN458	Music for Dancers	
Science		
DAN360	Dance Kinesiology	
DAN460	Scientific Aspects of Dance	
Total Credits		**32**

1. Students must take a placement class before enrolling in a technique course at the DAN level. See the Admission and Placement section in this program.

[2] Independent study courses, including performance credits in Workshop: [Topic] (DAN408) [Work Rehearsal and Performance], are applicable to meet upper-division course requirements with faculty consultation and approval.

- **Master's Degree with Thesis**
- **Master's Degree without Thesis**
- **Master's Degree, Emphasis in Dance Science**
- **Master of Fine Arts**

Graduate Studies

The Department of Dance offers master of arts (MA) and master of science (MS) degrees in three programs—general master's degree with thesis or choreographic thesis, general master's degree without thesis, master's degree with emphasis in dance science—and the master of fine arts (MFA) degree.

The MFA program requires at least three years of study in residence.Full-time students with adequate undergraduate preparation can complete an MS or MA degree program in two years if their area of specialization is designated during the first year. Students who enter with background deficiencies or who lack a specific focus for the thesis or final project typically take more than two years to complete an MS or MA degree.Work for a master's degree must be completed within a period of seven years. This includes credits transferred from another institution and the thesis or final project.

Admission

Department Visit

Applicants for admission are strongly encouraged to visit the dance department during February or March of the preceding academic year.Participation in classes and performance of choreographic excerpts during the visit help the faculty to evaluate applicants and serve to augment the video application. Video applications alone are acceptable in extenuating circumstances. Video applications must be in DVD or in half-inch VHS NTSC-standard format and must clearly show technical, performance, and choreographic proficiencies. For more information, call or write the department.

Application

Students seeking admission to a master's degree program should apply online through the Graduate School. Application for enrollment is open to anyone who has graduated from an accredited college or university and has a 3.00 cumulative undergraduate GPA. A student with a GPA below 3.00 may be admitted upon review of credentials.An official transcript of the student's college record must be submitted to the Graduate School.In addition, applicants must arrange for electronic submission of three letters of recommendation, a current curriculum vitae or résumé, a statement of purpose explaining why they intend to pursue graduate studies in dance at the University of Oregon, and a sample of written work. The statement of purpose and sample of written work are used to evaluate the applicant's writing ability. All submissions must be electronic.

International students whose native language is not English must earn scores of at least 575 on the Test of English as a Foreign Language (TOEFL).

Adequate undergraduate preparation in dance theory and technique is required for admission to graduate programs in dance. Applicants with undergraduate deficiencies should seek admission as postbaccalaureate students until the necessary courses are completed.

Deficiencies, which must be addressed at the first opportunity after entering the program, may be made up by

- passing proficiency examinations provided by the department
- presenting evidence of acceptable practical professional experience
- demonstrating ability on videotape or in person for faculty review

Graduate Fellowships

Some graduate teaching fellowships (GTFs) are available; applications are available online. Fellowship applicants are strongly urged to visit the department.Applicants who cannot visit must submit a DVD or the Internet address (URL) for a web-based movie documenting teaching skills. Videos should document a complete class; edited highlights of classes are not acceptable. Applications are reviewed beginning January 1 for the following fall term. GTF offers are made by April 15. Positions remain open until filled. Graduate teaching fellows must satisfactorily complete at least 9 graduate credits each term.

Master of Fine Arts Requirements

The master of fine arts is a rigorous terminal degree. Prescribed components provide a foundation upon which each student builds an individualized degree. Flexible emphases, supported by faculty expertise, permit elective areas of study in performance, choreography, collaboration, education, history, contemporary issues, and dance science. The program emphasizes modern dance with ballet as a strong supporting area.

Goals

The MFA in dance is designed to develop

- individual creative and scholarly talents, interests, and philosophies that can be used to expand and preserve our cultural heritage
- individuals with the potential to solve contemporary problems in dance and to explore and address new questions and issues
- professional competence in the dissemination of knowledge, including the logical, verbal, and written presentation of aesthetic ideas
- scholarly competence in the organization, evaluation, and interpretation of knowledge
- professional competence as reflected in a significant body of artistic work

Master of Fine Arts

Theory Core		
DAN558	Music for Dancers	3
DAN602	Supervised College Teaching [1]	3
DAN607	Seminar: [Topic] [2]	9
DAN611	Research Methods in Dance	3
DAN692	Dance Literature	3
DAN693	Aesthetic Bases for Dance in Art and Education	3
Performance and Choreography Core		
DAN594	Modern Dance Laboratory [2]	18
DAN606	Special Problems: [Topic] (Composition)	9

DAN508	Workshop: [Topic] (Rehearsal and Performance) [3]	4
DAN608	Workshop: [Topic] (Rehearsal and Performance) [3]	4
Electives		
Dance electives [4]		16-24
Other electives [5]		8-16
Terminal Projects		
DAN503	Thesis	9
DAN613	MFA Professional Paper	9
Total Credits		**109**

1. Every term during the first year.
2. Every term.
3. Complete by the end of second year winter term. These courses, approved by the major advisor, are selected from fields related to the student's research. At least 4 credits must be earned outside the department before beginning the thesis.
4. Electives include, but are not limited to, courses in production, technique, performance, choreography, dance sciences, dance studies, pedagogy, and collaboration.
5. At least 8 credit must be in course work other than dance.

Candidates must spend at least three years in residence to complete the degree.

Completed Undergraduate Course Work Requirements

Improvisation	2
Dance composition	6
Music for dancers	3
Dance history	6
Dance pedagogy	4
Dance kinesiology	3
Dance production	3
Total Credits	**27**

Upon consultation with the graduate director, students may use graduate-level work for the master's degree to correct deficiencies.

Satisfactory Progress toward a Master's Degree in Dance

1. Qualified students are admitted to the dance master's degree program with conditional master's classification. The classification is changed to unconditional master's after a student has
   a. corrected undergraduate deficiencies
   b. completed 12 graduate dance credits with grades of mid-B or better
   c. achieved a technical skill equivalent to that achieved in Modern Dance Laboratory (DAN 594). Studio classes taken to prepare for 500-level DAN courses must be passed with letter grades of mid-B or better

   Students must achieve unconditional master's classification before they have completed 36credits of graduate work
2. Students must meet with a graduate advisor each term to draw up course advising contracts, which ensure that courses taken fulfill university and department requirements
3. DAN graduate courses must be passed with grades of P or B– or better. Courses must be retaken at the next scheduled offering if satisfactory grades are not received. The student may be dropped from the program if a grade ofP or B– or better is not earned on the secondtry
4. Technique and core courses (except Workshop: [Topic] (DAN508) and Workshop: [Topic] (DAN608)) must be taken for letter grades. A minimum of 24 graduate credits must be taken for letter grades; the remaining credits may be taken pass/no pass. Pis the equivalent of a B– letter grade or better
5. Courses in dance should be completed the first term they are offered during graduate study. Requests for exceptions are considered by members of the faculty after approval by the student's advisor
6. Students must have a GPA of 3.00 or better in course work used to meet the requirements of a master's degree
7. With the exception of Thesis (DAN503), no more than one incomplete (I) may be earned each term and no more than two each year. Students have one calendar year or less to finish an incomplete, depending on the nature of the course and the instructor's requirements

MA and MS Requirements

A minimum of 54 graduate credits must be completed for an MA or MS degree in dance; at least 30 of these credits must be earned in residence after admission to the graduate program. Candidates for the MA degree must demonstrate proficiency in one second language by submitting evidence of two years of college-level study within the previous seven years or by passing an examination at the university Testing Office, 238 University Health and Counseling Center Building.

Students must enroll in a technique course every term during their studies in residence and earn a minimum of 6 credits in 500-level DAN courses. These 6 credits must be taken for letter grades.

Students must take a minimum of 2 credits in Supervised College Teaching (DAN602). The department recommends that these credits be earned in at least two teaching experiences, which provide opportunities to develop mentor relationships with faculty members.

A final oral thesis defense or terminal project presentation is administered by the student's faculty committee following completion of the thesis or project.

General Master's Degree with Thesis

Core Courses		
DAN560	Scientific Aspects of Dance	3
DAN611	Research Methods in Dance	3
DAN692	Dance Literature	3
DAN693	Aesthetic Bases for Dance in Art and Education	3
Requirement		
DAN602	Supervised College Teaching [1]	2
Electives		
DAN electives selected in consultation with advisor [2]		23
Graduate courses outside department [3]		8-16

Thesis		
DAN503	Thesis	9
Total Credits		**54-62**

1. The department recommends that these credits be earned in at least two teaching experiences, which provide opportunities to develop mentor relationships with faculty members.
2. Early in their programs, students should enroll in graduate-level choreography courses.
3. Complete by the end of second year winter term. These courses, approved by the major advisor, are selected from fields related to the student's research. At least 4 credits must be earned outside the department before beginning the thesis.

The thesis proposal must be approved by a committee of at least three faculty members representing fields of study related to the program and thesis topic. The chair and at least one member of the committee must be from the Department of Dance. Graduate School requirements are to be followed in the preparation and defense of the thesis. Refer to "Thesis Guidelines," available in the department office, and the *Thesis and Dissertation Style and Policy Manual*, available from the Graduate School's website.

Completed Undergraduate Course Work Requirements

Improvisation	2
Dance composition	6
Music for dancers	3
Dance history	6
Dance pedagogy	4
Dance kinesiology	3
Dance production	3
Total Credits	**27**

Upon consultation with the graduate director, students may use graduate-level work for the master's degree to correct deficiencies.

General Master's Degree without Thesis

Core Courses		
DAN560	Scientific Aspects of Dance	3
DAN611	Research Methods in Dance	3
DAN692	Dance Literature	3
DAN693	Aesthetic Bases for Dance in Art and Education	3
Requirement		
DAN602	Supervised College Teaching [1]	2
Electives		
DAN electives selected in consultation with advisor [2]		19
Graduate courses related to dance [3]		8-16
Project-related courses [4]		9
Total Credits		**50-58**

1. The department recommends that these credits be earned in at least two teaching experiences, which provide opportunities to develop mentor relationships with faculty members.
2. Early in their programs, students should enroll in graduate-level choreography courses.
3. Complete by the end of second year winter term. These courses, approved by the major advisor, are selected from fields related to the student's research.
4. Courses may be within or outside the department and must be approved by advisor.

A project is required in the area of concentration. A proposal must be approved by a project committee representing the area of concentration in dance.

Completed Undergraduate Course Work Requirements

Improvisation	2
Dance composition	6
Music for dancers	3
Dance history	6
Dance pedagogy	4
Dance kinesiology	3
Dance production	3
Total Credits	**27**

Upon consultation with the graduate director, students may use graduate-level work for the master's degree to correct deficiencies.

Master's Degree with Emphasis in Dance Science

Core Courses		
DAN611	Research Methods in Dance	3
DAN692	Dance Literature	3
DAN693	Aesthetic Bases for Dance in Art and Education	3
Research methods or design courses [1]		
Requirement		
DAN602	Supervised College Teaching [2]	2
Electives		
DAN electives selected in consultation with advisor [3]		23
Graduate courses outside department [4,5]		16
Thesis		
DAN503	Thesis	9
Total Credits		**59**

1. Courses must include:
   1. quantitative statistics through ANOVA or qualitative research design and methodology
   2. computer applications in research
   3. an interpretation and critique of research
2. The department recommends that these credits be earned in at least two teaching experiences, which provide opportunities to develop mentor relationships with faculty members.
3. Early in their programs, students should enroll in graduate-level choreography courses.

4 Complete by the end of second year winter term. These courses, approved by the major advisor, are selected from fields related to the student's research. At least 4 credits must be earned outside the department before beginning the thesis.

5 Six of the credits may be in research (601) taken in another department.

This individualized program is designed in consultation with the coordinator of the dance science program to meet the interests of the student. Eight to 16 credits must be earned in graduate courses outside the dance department. These courses are selected from fields related to the student's research.

All course work for this option must be approved by the dance science coordinator, who must be a member of the student's thesis committee.

This option integrates a degree in dance with a second area of specialization in a related science. A bachelor's degree in dance or its equivalent is the preferred background.

Completed Undergraduate Course Work Requirements

Improvisation	1
Dance composition	6
Music for dancers	3
Dance history	6
Dance pedagogy	4
Human anatomy	3
Dance kinesiology	4
Physiology or exercise	3
Total Credits	**30**

Courses

DANC170. Modern I. 1 Credit.
Repeatable twice for maximum of 3 credits.

DANC171. Contact Improvisation. 1 Credit.
Repeatable twice for maximum of 3 credits.

DANC172. Ballet I. 1 Credit.
Repeatable twice for maximum of 3 credits.

DANC175. Jazz I. 1 Credit.
Repeatable twice for maximum of 3 credits.

DANC176. Tap I. 1 Credit.
Repeatable twice for maximum of 3 credits.

DANC184. Ballroom I. 1 Credit.
Repeatable twice for maximum of 3 credits.

DANC185. African Dance. 1 Credit.
Repeatable twice for maximum of 3 credits.

DANC199. Special Studies: [Topic]. 1-5 Credits.
Repeatable. Recent topics include Tango, Hip-Hop, Salsa, Drumming, and Swing.

DANC270. Modern II. 1 Credit.
Repeatable twice for maximum of 3 credits.

DANC271. Dance Improvisation. 1 Credit.
Repeatable twice for maximum of 3 credits.

DANC272. Ballet II. 1 Credit.
Repeatable twice for maximum of 3 credits.

DANC275. Jazz II. 1 Credit.
Repeatable twice for maximum of 3 credits.

DANC276. Tap II. 1 Credit.
Repeatable twice for maximum of 3 credits.

DANC285. African II. 1 Credit.
Repeatable twice for maximum of 3 credits.

DANC370. Modern III. 1 Credit.
Repeatable twice for maximum of 3 credits.

DANC372. Ballet III. 1 Credit.
Repeatable twice for maximum of 3 credits.

DANC375. Jazz III. 1 Credit.
Repeatable twice for maximum of 3 credits.

DANC376. Tap III. 1 Credit.
Repeatable twice for maximum of 3 credits.

DANC399. Special Studies: [Topic]. 1-5 Credits.
Repeatable. Recent topics include Tango, Hip-Hop, Salsa, Drumming, and Swing.

Courses

DAN198. Workshop: [Topic]. 1-2 Credits.
Repeatable. Recent topics include Performance, Production Experience, Repertory.

DAN199. Special Studies: [Topic]. 1-5 Credits.
Repeatable.

DAN251. Looking at Dance. 4 Credits.
Overview of dance as a cultural and aesthetic experience. Examines its meaning and impact on contemporary United States society.

DAN252. Fundamentals of Rhythm. 3 Credits.
Essential topics in rhythm and dance; how rhythm and dance relate in various cultures with an emphasis on concert modern dance choreography; introduction to the communication of personally created movement to other dancers.

DAN255. Dance Production I. 3 Credits.
Introduction to production planning, management, lighting, design, costuming, and publicity for the dance concert. Practical experience in Dougherty Dance Theatre.

DAN256. Dance Somatics. 3 Credits.
Exploration of patterning in movement. Various body therapies—Bartenieff Fundamentals, ideokinesis, and body-mind centering—provide a framework for experiential investigations.

DAN260. Anatomy of Human Movement. 4 Credits.
An introduction to scientific reasoning focusing on methodology and current research in dance anatomy and kinesiology.

DAN294. Modern Dance Laboratory. 3 Credits.
Rigorous training in modern dance as a performing art form emphasizing use of the body as an instrument, elements of movement, and performance skills. Repeatable for a maximum of 24 credits.
Prereq: placement audition.

DAN301. Dance in Traditional Cultures: Africa: [Topic]. 4 Credits.
Investigation of origins, meanings, and development of dance culture and related folk arts in selected regions and countries of the world. Repeatable once for a maximum of 8 credits.

DAN351. Dance Composition I. 3 Credits.
Introduction to creation of dance movement as a communication tool. How to select, develop, vary, and phrase dance movement. Choreography of short dance studies.
Prereq: DAN 252; DANC 271, 370 or above.

DAN352. Dance Composition II. 3 Credits.
Compositional forms in dance. Crafting of movements into studies.
Prereq: DAN 351.

DAN355. Dance Production II. 1-2 Credits.
Extended application of skills and procedures used in producing a concert. Practical backstage work; pre- and postconcert sessions. Repeatable eleven times for maximum of 24 credits.
Prereq: DAN 255.

DAN360. Dance Kinesiology. 4 Credits.
Applications of anatomical, muscular, and motor control information to dance training and injury prevention.

DAN394. Modern Dance Laboratory. 3 Credits.
Dance technique in the modern idiom. Repeatable for maximum of 24 credits.
Prereq: placement audition.

DAN396. Ballet Laboratory. 2 Credits.
Dance technique in the ballet idiom. Repeatable for maximum of 24 credits.
Prereq: placement audition.

DAN401. Research: [Topic]. 1-4 Credits.
Repeatable.

DAN403. Thesis. 1-12 Credits.
Repeatable.

DAN404. Internship: [Topic]. 1-4 Credits.
Apprenticeship under the guidance of a supervising teacher in areas such as teaching, arts management, administration, and dance production. Repeatable twice when topic changes for maximum of 12 credits.
Prereq: Junior standing.

DAN405. Reading and Conference: [Topic]. 1-21 Credits.
Repeatable.

DAN406. Special Problems: [Topic]. 1-21 Credits.
Repeatable.

DAN407. Seminar: [Topic]. 1-5 Credits.
Repeatable. Recent topics include Choreographic Analysis, Contemporary Issues. Repeatable when topic changes.

DAN408. Workshop: [Topic]. 1-21 Credits.
Repeatable. Topics include rehearsal and performance for department-sponsored events.
Prereq: Audition for performance experiences.

DAN409. Practicum: [Topic]. 1-21 Credits.
Repeatable. Current topics are Choreography, Production Design, and Management.

DAN410. Experimental Course: [Topic]. 1-5 Credits.
Repeatable. Current topics include Neuromuscular Bases of Dance, Topics in Technique, Composition III.

DAN411. Senior Project. 3 Credits.

DAN412. Student Dance Concert. 1-6 Credits.
Students apply ideas learned about concert choreography, production, and management. In a cooperative venture, students produce dance works in Dougherty Dance Theatre. Repeatable for maximum of 24 credits.
Prereq: DAN 255, 352.

DAN450. Choreographer-Composer Workshop. 3 Credits.
Choreographers and composers come together to explore, discuss, and develop skills for creating collaborative work in a supportive lab environment.
Prereq: MUS 440 or MUS 640 for music students DAN 352 or DAN 606 for dance students.

DAN453. Ballet from the Courts to Balanchine. 3 Credits.
Social and theater dance forms of Western cultures from the Middle Ages through 18th-century ballet into the era of contemporary art. Offered alternate years.
Prereq: DAN 251.

DAN454. Evolution of Modern Dance. 3 Credits.
Influences of leading dance artists; directions in concert and theater forms in the 20th century; emphasis on dance in the United States. Offered alternate years.
Prereq: DAN 251.

DAN458. Music for Dancers. 3 Credits.
Surveys musical form, style, and expressive content as it relates to dance. Examines the interrelationship of elements of music and dance in significant works from around the world.
Prereq: DAN 252.

DAN460. Scientific Aspects of Dance. 3 Credits.
Nutrition, biochemistry, anatomy, and physiology explored from the perspective of the dancer and dance training. Personal nutritional and physiologic analyses.
Prereq: DAN 360.

DAN480. Dance Repertory. 2 Credits.
Studio course for learning dances, excerpts, or works created or reconstructed by faculty. Informal performance at end of term. Repeatable four times for a maximum of 10 credits.
Coreq: DANC 300 level or above in both ballet and modern.

DAN481. Repertory Dance Company: Rehearsal. 1-12 Credits.
Creating and rehearsing new or existing material in preparation for the spring tour. Repeatable four times.
Prereq: audition or application; coreq: DANC 300 level or above in ballet and modern.

DAN482. Repertory Dance Company: Touring. 1-12 Credits.
Lecture-demonstrations and formal performances of repertory learned in winter rehearsals. Repeatable four times.
Prereq: DAN 481; coreq: DANC 300 level or above in either ballet or modern.

DAN491. Teaching Dance. 3 Credits.
Application of teaching theories, course planning methods, teaching resources and techniques. Emphasis on teaching in university situation. Repeatable.
Prereq: DAN 252, 394; DANC 271; coreq: DAN 490.

DAN494. Modern Dance Laboratory. 3 Credits.
Dance technique in the modern idiom. Repeatable for a maximum of 24 credits.
Prereq: placement audition.

DAN496. Ballet Laboratory. 2 Credits.
Dance technique in the ballet idiom. Repeatable for a maximum of 24 credits.
Prereq: placement audition.

DAN503. Thesis. 1-16 Credits.
Repeatable.

DAN507. Seminar: [Topic]. 1-5 Credits.
Recent topics include Choreographic Analysis, Contemporary Issues. Repeatable when topic changes.

DAN508. Workshop: [Topic]. 1-21 Credits.
Repeatable. Topics include rehearsal and performance for department-sponsored events.
Prereq: Audition for performance experiences.

DAN510. Experimental Course: [Topic]. 1-5 Credits.
Repeatable. Current topics include Neuromuscular Bases of Dance, Topics in Technique, Composition III.

DAN512. Student Dance Concert. 1-6 Credits.
Students apply ideas learned about concert choreography, production, and management. In a cooperative venture, students produce dance works in Dougherty Dance Theatre. Repeatable for maximum of 24 credits.
Prereq: DAN 255, 352 or equivalent.

DAN550. Choreographer-Composer Workshop. 3 Credits.
Choreographers and composers come together to explore, discuss, and develop skills for creating collaborative work in a supportive lab environment.
Prereq: MUS 440 or MUS 640 for music students DAN 352 or DAN 606 for dance students.

DAN553. Ballet from the Courts to Balanchine. 3 Credits.
Social and theater dance forms of Western cultures from the Middle Ages through 18th-century ballet into the era of contemporary art. Offered alternate years.

DAN554. Evolution of Modern Dance. 3 Credits.
Influences of leading dance artists; directions in concert and theater forms in the 20th century; emphasis on dance in the United States. Offered alternate years.

DAN558. Music for Dancers. 3 Credits.
Surveys musical form, style, and expressive content as it relates to dance. Examines the interrelationship of elements of music and dance in significant works from around the world.

DAN560. Scientific Aspects of Dance. 3 Credits.
Nutrition, biochemistry, anatomy, and physiology explored from the perspective of the dancer and dance training. Personal nutritional and physiologic analyses.

DAN580. Dance Repertory. 2 Credits.
Studio course for learning dances, excerpts, or works created or reconstructed by faculty. Informal performance at end of term. Repeatable four times for a maximum of 10 credits.
Coreq: DANC 300 level or above in both ballet and modern.

DAN581. Repertory Dance Company: Rehearsal. 1-12 Credits.
Creating and rehearsing new or existing material in preparation for the spring tour. Repeatable four times.
Prereq: audition or application; coreq: DANC 300 level or above in ballet and modern.

DAN582. Repertory Dance Company: Touring. 1-12 Credits.
Lecture-demonstrations and formal performances of repertory learned in winter rehearsals. Repeatable four times.
Prereq: DAN 4/581; coreq: DANC 300 level or above in either ballet or modern.

DAN591. Teaching Dance. 3 Credits.
Application of teaching theories, course planning methods, teaching resources and techniques. Emphasis on teaching in university situation.
Prereq: DAN 252, 394; DANC 271; coreq: DAN 590.

DAN594. Modern Dance Laboratory. 3 Credits.
Dance technique in the modern idiom. Repeatable for maximum of 24 credits.
Prereq: placement audition.

DAN596. Ballet Laboratory. 2 Credits.
Dance technique in the ballet idiom. Repeatable for a maximum of 24 credits.
Prereq: placement audition.

DAN601. Research: [Topic]. 1-16 Credits.
Repeatable.

DAN602. Supervised College Teaching. 1-5 Credits.
Repeatable.

DAN605. Reading and Conference: [Topic]. 1-16 Credits.
Repeatable.

DAN606. Special Problems: [Topic]. 1-16 Credits.
Repeatable. Topics include Formal Compositional Structure, Solo Composition, and student-initiated topics. Limited by faculty workload and availability.

DAN607. Seminar: [Topic]. 1-5 Credits.
Repeatable.

DAN608. Workshop: [Topic]. 1-16 Credits.
Repeatable. Topics include Performance, Production, Rehearsal.

DAN609. Practicum: [Topic]. 1-16 Credits.
Repeatable.

DAN610. Experimental Course: [Topic]. 1-5 Credits.
Repeatable.

DAN611. Research Methods in Dance. 3 Credits.
Review and evaluation of written and creative research in dance and allied fields. Culminating project is a written proposal for original research in dance.

DAN612. MFA Movement Project. 1-16 Credits.
Repeatable.

DAN613. MFA Professional Paper. 1-16 Credits.
Repeatable.

DAN690. Music in the Dance Studio. 1 Credit.
Explores issues in using music—live and recorded—in the dance technique studio. Open to graduate dance students only.
Prereq: DAN 591.

DAN692. Dance Literature. 3 Credits.
Introduction to graduate studies in dance through critical reading of literature of theory and practice.
Prereq: admission to graduate program in dance.

DAN693. Aesthetic Bases for Dance in Art and Education. 3 Credits.
Theories of dance as an art form; function of the dance in the changing social milieu; elements of dance criticism.

Music

C. Brad Foley, Dean
541-346-3761
541-346-0723 fax
121 MarAbel B. Frohnmayer Music Building
1225 University of Oregon
Eugene, Oregon 97403-1225

Facilities

The School of Music and Dance's five-unit building complex includes the 540-seat Beall Concert Hall, acclaimed for its superb acoustics; separate band, choir, and orchestra rehearsal rooms with support facilities; practice rooms; a small recital hall; studio offices, classrooms, and seminar rooms.

In 2008, two new wings were added to the MarAbel B. Frohnmayer Music Building, containing state-of-the-art, acoustically isolated teaching studios, classrooms, and practice rooms. The Leona DeArmond Academic Wing provides studios for the Suzuki Strings Program, a music education teaching laboratory, twenty-eight teaching studios, classrooms, and practice rooms. The Thelma Schnitzer Performance Wing contains a symphony-size rehearsal hall, dedicated rehearsal spaces for jazz and percussion studies, a recording studio, and additional practice rooms. Significant renovations were also made to the existing facilities.

Collier House—the second-oldest building on the UO campus—has been added to the list of the school's facilities. Built in 1885–86 by the Collier family, it is a rare example of a late Victorian house in bracketed style, with an Italianate-style interior popular in the Northwest in the late 1800s. Both the house and grounds are listed on the Inventory of Historic Sites and Structures. It has been a residence for a university president and a chancellor, a faculty club, a restaurant, and a meeting house–pub. In August 2004, music history faculty offices and the Early Music Program were moved to Collier House. A variety of courses, seminars, meetings, recitals, and programs are held there.

Music Services, located on the third floor of Knight Library, contains more than 41,000 recordings and 1,000 serials, including composers' complete works, music reference resources, current and bound periodicals, interactive music CD-ROM programs, and a collection of more than 27,000 books and 51,000 scores. The Audio and Video Room (the Douglass Room) holds recordings (LPs, cassettes, and compact disks). Facilities include listening carrels with remote-control capability, individual listening rooms, and two group-listening rooms. The score and record collections' strengths include music by Oregon composers, women composers, and contemporary publications provided by approval plans for recently published North American and European scores. The book collection includes a large German-language collection as well as standard music resources and most university press publications. Reference service to the collection is provided by Music Services. The complete music and recording collections are included in the UO Libraries online catalog (http://libweb.uoregon.edu).

The School of Music and Dance houses two pipe organs, including a nationally recognized organ by Jürgen Ahrend of East Friesland, Germany—a concert instrument unique in America—and a two-manual tracker organ by David Petty and Associates. Two of the five harpsichords available for student use are French doubles by William Dowd. The others are a German double by Keith Hill, an Italian by Owen Daly, and a Zuckerman single harpsichord. Other keyboard instruments include four Steinway and one Baldwin concert grand pianos, two clavichords, pianos in each classroom and practice room, and a modern group piano laboratory featuring Roland digital keyboards.

Future Music Oregon features a suite of outstanding studios for electroacoustic and new media composition that provide powerful, high-quality environments in which students learn and create. Studios are equipped with current software, digital mixers, and game controllers, with sensor-based interfaces for technological and artistic exploration.

The university owns an extensive collection of orchestral and band instruments and a distinctive collection of ethnic instruments and reproductions of early musical instruments.

The Pacific Rim Gamelan performs on the beautiful instruments of Gamelan Suranadi Sari Indra Putra, donated to the school in 1986 by John and Claudia Lynn of Eugene. The ensemble is a multicultural composing and performing orchestra, and works composed by its members use instruments from around the world as well as gamelan instruments.

Kyai Tunjung Mulya ("Noble Lotus Blossom") is a complete central Javanese court gamelan orchestra, consisting of more than eighty iron, brass, bronze, teak, and bamboo instruments. Classes and workshops in Javanese gamelan music are taught periodically by visiting musicians from Indonesia.

The Kammerer Computer Laboratory offers students the opportunity to become familiar with a variety of mainstream software for music notation as well as instructional software in music theory and aural skills. Other resources in the lab include MIDI (musical instrument digital interface), sound-generating and sequencing software programs; access to the Internet; e-mail; Microsoft Office applications; and Adobe graphic editing programs for academic use, exploration, and development of computer skills. The lab is equipped for digital audio editing. Our current software listing is Max/MSP, Microsoft Office, Apple Logic Studio, Apple Final Cut, Finale, and Sibelius.

Concerts and Recitals

More than 250 concerts and recitals are presented on campus throughout the year by visiting artists, members of the School of Music and Dance faculty (Faculty Artist Series), and more than 40 student ensembles. Other regularly scheduled concerts include performances by internationally famous artists sponsored by the Chamber Music at Beall series and the World Music Series.

Hosted events include the Northwest Percussion Festival, Northwest Horn Society regional symposium, International Tuba Euphonium Association Northwest regional conference, American Liszt Society Festival, Northwest Suzuki Institute summer camp, Community Music Institute recitals, Carl Orff workshops, three high school summer music camps, and lectures from Robert M. Trotter Visiting Professors and the Steve Larson Distinguished Lecture Series.

The annual Vanguard Concert Series features 20th-century music in concerts and workshops. Nationally prominent artists give a public concert and hold workshops in which they read, rehearse, and record music composed for them by members of the Composers Forum.

The biennial Music Today Festival, founded and directed by Robert Kyr, is a series of concerts and cultural events that celebrates 20th- and 21st-century music from around the world. The festival features regional performers and ensembles as well as internationally renowned artists.

Jazz concerts and workshops by prominent artists offer opportunities for university students to perform. The Jazz Studies Program hosts the Oregon Jazz Celebration, an annual weekend festival that includes workshops for middle school, high school, and college jazz ensembles.

Since 1969, the School of Music and Dance has hosted the annual Oregon Bach Festival during a two-week period in late June and early July. The festival, founded by Helmuth Rilling and Royce Saltzman and now under artistic director and conductor Matthew Halls, combines an educational program in choral music for academic credit with the offering of some fifty public concerts and events. While the focus is Bach, major choral and instrumental works by other composers are programmed regularly. Distinguished soloists from around the world are featured with the festival chorus and orchestra. Every other year the School of Music and Dance offers a Composers Symposium in conjunction with the Oregon Bach Festival.

THEME (Theory, History, Ethnomusicology, Music Education)—a group of faculty members and graduate students interested in music research—meets three or four times a term on Friday afternoons to share the results of ongoing or recently completed research, discuss the profession of teaching and research, and hear guest speakers. Some recent guests are Anne Azéma, Michael Broyles, Thomas Christensen, Robert Duke, Allen Forte, Robert Gjerdingen, Douglas Hofstadter, Andrew Homzy, Vijay Iyer, Mark Johnson, Harald Krebs, Barbara Lundquist, Henry Martin, Margarita Mazo, Susan McClary, Ingrid Monson, Bruno Nettl, Alejandro Planchart, Harold Powers, Katharine Preston, Jihad Racy, Carl Schachter, Christopher Smith, Joseph Straus, Steven Strunk, Michael Tenzer, Alan Walker, and Keith Waters.

Student Organizations

The professional music fraternity, Mu Phi Epsilon, and the Kappa Kappa Psi band fraternity maintain chapters at the University of Oregon. There is also an active collegiate chapter of the National Association for Music Education.

Ensembles

- University Symphony Orchestra
- Chamber Choir
- Oregon Wind Ensemble
- Oregon Jazz Ensemble
- Oregon Symphonic Band
- University Singers
- Women's Choir
- Opera Ensemble
- Repertoire Singers
- Campus Band
- Campus Orchestra
- Oregon Marching Band
- Green Garter Band
- Yellow Garter Band
- Oregon Basketball Band
- Oregon Percussion Ensemble
- Trombone Choir
- Tuba-Euphonium Ensemble
- Jazz Guitar Ensemble
- Brass Ensemble
- Jazz Laboratory Bands
- Small jazz ensembles
- Latin Jazz Ensemble
- Andean Music Ensemble
- University Gospel Ensemble
- University Gospel Choir
- Gospel Singers
- Pacific Rim Balinese Gamelan
- Javanese Gamelan
- many other small chamber ensembles offer membership and performance opportunities to qualified students

The Collegium Musicum, a vocal-instrumental group, provides opportunities for the study of 16th- through 18th-century music, using the school's collection of reproductions of Baroque and 18th-century instruments. The repertory and activities of these ensembles complement school courses in history, criticism, and performance-practice studies.

Financial Assistance

For complete information about financial aid, including loans, see the **Student Financial Aid and Scholarships**section of this catalog.

Scholarships

The University of Oregon School of Music and Dance gratefully acknowledges the generous contributions of individuals, foundations, businesses, and organizations that have established named endowed and annual scholarships for the benefit of music and dance students. More than $500,000is awarded annually in music scholarships. Although a large portion of these are allocated for undergraduate (http://music.uoregon.edu/apply/undergraduate-music/financial-aid) study, limited scholarship funding is also available for graduate students (http://music.uoregon.edu/apply/graduate-music/financial-aid). Information on music scholarships is available from the music admissions office of the School of Music and Dance, on the school's website, or by telephone, 541-346-1164 or -5664.

Admitted undergraduate and graduate music majors are eligible for scholarships, which may be granted for up to four years. Most music awards are given on the basis of musical achievement and academic accomplishment. Some are given on the basis of financial need. To determine scholarship recipients, the music and dance faculty relies on the applicant's academic record, application file, and an audition. Applicants are strongly encouraged to audition in person; however, recorded auditions are also considered.

Graduate Teaching Fellowships

A limited number of Graduate Teaching Fellowships are available to admitted graduate music and dance majors. In addition to the fellowship stipend, tuition and health insurance coverage is paid by the university. For more information, applicants should contact the assistant dean of admissions and financial aid (http://music.uoregon.edu/apply/graduate-music/financial-aid) at 541-346-6191 or the Department of Dance at 541-346-3386.

Fees

Other Fees (per term)	Dollars
Private performance studies (studio instruction), per credit, per term	90

Maintenance fee per term for harpsichord, organ, classical percussion	30
Ensemble fee	30
Rental of university instruments is based on use and value-maximum fee	20-60
Short-term instrument rental (per week)	10
Summer instrument rental	60
Percussion studies instrument fee	30
MIDI music lab course fee	85
Audio recording lab course fee	85
Use of electronic studio course fee	85
Use of organs and harpsichords	30
Music education course fee	30
Keyboard skills course fee	10
Oregon Marching Band uniforms and equipment fee	45-60
Accompanist fee	set by accompanist

Performance Studies

Courses in performance studies are listed with the MUP subject code. Fees are required. MUP courses fall into two general categories:

- Basic and Intermediate Performance Studies: MUP 100–163.
- Performance Studies: MUP 171–191, 271–291, 341–361, 371–391, 471–491, 611–631, 641–661, 670–691, 741–761, 771–791.

Enrollment in any performance studies sequence must be preceded by an audition. Auditions are conducted to establish details (e.g., level, credits) for registration.

Students must register for at least 2 credits of performance study. The number of lessons per term is determined in consultation with the instructor. Typically, the number of lessons per term is one less than the number of weeks of instruction in the term.

Enrollment in performance studies is sometimes limited because of faculty teaching loads. Under such circumstances, priority is given to continuing music majors. Students who are not assigned to a faculty member may study with a graduate teaching fellow for credit at extra cost.

Juries must precede advancement from one level to the next.

Performance studies courses carry 2 or 4 credits per term. Students giving recitals must be enrolled in performance studies. During the term of the recital, students may also enroll in Reading and Conference: [Topic] (MUS405) or Reading and Conference: [Topic] (MUS605). The number of credits—up to 4 for Reading and Conference: [Topic] (MUS405) or Reading and Conference: [Topic] (MUS605)—is determined by the instructor. Prerecital hearings are required to evaluate the student's readiness for public performance. After the recital, a faculty evaluation is required. If approval is given, the recital is formally acknowledged as a fulfilled degree requirement.

For details concerning levels, repertory, and any other questions, please contact the individual studio faculty members.

Piano studies students at the Performance Studies: Piano (MUP171) level or above have an accompanying requirement, described under **Ensemble Requirement** in the Undergraduate section.

General Procedures and Policies

Students are responsible for knowing about degree requirements and university and School of Music and Dance policies andprocedures. This information is found in several sections of this catalog, including the **Registration and Academic Policies** (p. 18) and **Graduate School** (p. 698) sections.

Faculty

D. Tyler Abbott, senior instructor (double bass, jazz string bass). BM, 1999, Eastern Washington; MM, 2003, Oregon. (2003)

Barbara Myers Baird, senior instructor (piano, harpsichord, music appreciation). BMus, 1971, Texas Christian; MMus, Southern Methodist, 1976; DMA, 1988, Oregon. (1986)

John Baker, adjunct instructor (music education). BA, 1979, Oregon College of Education; MA, 1985, Western Oregon. (2014)

Molly Barth, associate professor (flute). BM, 1997, Oberlin College; Artist Diploma, 2000, Cincinnati;MM, 2003, Northwestern. On leave fall 2015. (2008)

Craig Bender, adjunct instructor (instrument repair). (1999)

Jack Boss, professor (theory, composition); summer session coordinator. BMus, 1979, MMus, 1981, Ohio State; PhD, 1991, Yale. (1995)

Andiel Brown, instructor (gospel choirs). BMus, 2008, Oregon. (2008)

David R. Case, senior instructor (classical guitar). BA, 1979, MA, 1984, Oregon. (1975)

Kwan Leong "Pius" Cheung, assistant professor (percussion). BMus, 2004, Curtis Institute; Artist Diploma, 2006, Boston Conservatory; DMA, 2010, Michigan, Ann Arbor. (2011)

David Crumb, professor (composition, theory). BM, 1985, Eastman School of Music; MA, 1991, PhD, 1992, Pennsylvania. (1997)

Louis DeMartino, assistant professor (clarinet, music appreciation). BM, 2003, New England Conservatory of Music; MM, 2005, Rice. (2012)

Michael P. Denny, senior instructor (guitar, jazz studies). BA, 1992, City College of New York; MA, 1995, Oregon. (1995)

Rodney Dorsey, associate professor (conducting); director, bands. BME, 1988, Florida State; MM, 1992, DMA, 2006, Northwestern. (2013)

Alexandre Dossin, associate professor (piano, piano literature). MFA, 1996, Moscow Tchaikovsky Conservatory; DMA, 2001, Texas, Austin. On leave spring 2016. (2006)

Karen Esquivel, instructor (opera, voice). BS, 1978, Nebraska, Lincoln; MM, 1990, 2006, DMA, 2009, Florida State. (2011)

Amy Fickenscher, adjunct instructor (music education). BMus, 2006, MMus, 2009, Oregon. (2013)

C. Brad Foley, professor (saxophone); dean. BA, 1975, Ball State; MM, 1977, DMA, 1983, Michigan. (2002)

Fritz Gearhart, professor (violin). BM, 1986, MM 1988, Eastman School of Music. On leave fall 2015. (1998)

Eliot Grasso, adjunct instructor (musicology). BA, 2005, Goucher College; MA, 2007, Limerick; PhD, 2011, Oregon. (2011)

Margret Gries, adjunct instructor (musicology, collegium musicum). BA, 1969, Pacific Lutheran; MMus, 1985, Central Washington; PhD, 2012, Oregon. (2012)

Michael Grose, associate professor (tuba, music appreciation). BM, 1984, MM, 1985, Northwestern. (2001)

Matthew Halls, conductor in residence. BA, 1988, MA, 2000, MPhil, 2000, Oxford. (2012)

Doug Hartman, adjunct instructor (music education). BME, 1971, Adams State College;MME, 1977, Northern Colorado. (2014)

Henry Henniger, assistant professor (trombone). BM, 2002, Indiana, Bloomington; MM, 2004, Manhattan School of Music. (2010)

Gary Hobbs, instructor (jazz drum set). (1998)

Habib Iddrisu, assistant professor (dance, ethnomusicology). BA, 2002, MA, 2004, Bowling Green State; PhD, 2011, Northwestern. (2013)

David Jacobs, assistant professor (conducting, orchestra). BM, 2000, Duquesne; MA, 2002, Central Florida; DMA, 2011, Eastman School of Music. (2012)

John Jantzi, adjunct instructor (keyboard skills). Certificat d'études supérieures d'orgue avec mention bien, 1984, Conservatoire de Musique de Geneve; AA, 1974, Hesston; BA, 1978, Seattle Pacific; MM, 1995, PhD, 2002, Oregon. (2002)

Tegan Johnson, instructor (music education). BMus, 2001, Oregon; MAT, 2006, Oregon State. (2006)

Loren Kajikawa, associate professor (ethnomusicology). BA, 1999, California, Berkeley; MA 2003, PhD, 2009, California, Los Angeles. (2009)

Winifred Kerner, instructor (keyboard skills). BA, 1978, MA, 1980, Wesleyan; MM, 1982, Michigan. (1999)

Tobias Koenigsberg, associate professor (jazz piano, jazz studies); associate director, jazz studies. BM, 1998, Oregon; MM, 2003, Eastman School of Music. (2003)

Dean F. Kramer, professor (piano). BMus, 1973, Oberlin Conservatory; MMus, 1976, DMA, 1992, Texas, Austin. On leave fall 2015–winter 2016. (1983)

Lori Kruckenberg, associate professor (musicology). BA, 1985, Bethany (Kansas); MA, 1991, PhD, 1997, Iowa. (2001)

Robert Kyr, Philip H. Knight Professor of Music (composition, theory); director, Pacific Rim Gamelan, Vanguard Concert Series, Music Today Festival. BA, 1974, Yale; postgraduate certificate, 1976, Royal College of Music; MA, 1980, Pennsylvania; PhD, 1989, Harvard. (1990)

Donald R. Latarski, senior instructor (jazz and blues guitar). BS, 1979, Oregon. (1984)

Kathryn Lucktenberg, professor (violin, chamber music). BM, 1980, Curtis Institute. (1993)

Terry McQuilkin, adjunct instructor (composition). BM, 1977, MM, 1979, Southern California; DMA, 1995, Oregon. (2002)

Brian McWhorter, associate professor (trumpet, music appreciation). BMus, 1998, Oregon; MM, 2000, Juilliard. (2006)

Eric Mentzel, associate professor (voice, diction, collegium musicum). BM, 1980, Temple; MFA, 1983, Sarah Lawrence. On leave winter–spring 2016. (2002)

Lance Miller, adjunct instructor (audio recording); recording engineer. AA, 1982, Mt. Hood Community. (1998)

Mandy Mullet, adjunct instructor (music education); BMus, 2004, MMus, 2006, Oregon. (2014)

Drew Nobile, assistant professor (theory, musicianship). ScB, 2007, Brown;MA, 2009, Washington (Seattle);PhD, 2014, City University of New York, Graduate Center. (2015)

Gordon Ogo, adjunct instructor (music education). BA, 1968, Eastern Washington; MS, 1992, Western Oregon.(2014)

Christopher Olin, instructor (choral music education). BME, 2000, Nevada; MMus, 2008, Oregon. (2008)

Stephen W. Owen, Philip H. Knight Professor of Music (jazz studies); director, jazz studies. BMusEd, 1980, North Texas State; MMus, 1985, Northern Colorado. (1988)

Timothy Pack, senior instructor (theory, musicianship). BA, 1993, Huntingdon College; MM, 1998, Westminster Choir College, Rider; PhD, 2005, Indiana, Bloomington. (2005)

Phyllis M. Paul, associate professor (music education); associate dean; director, undergraduate and graduate studies. BME, 1983, Lenoir-Rhyne; MME, 1990, PhD, 2003, Florida State. (2003)

Sharon J. Paul, professor (choral conducting). BA, 1978, Pomona; MFA, 1981, California, Los Angeles; DMA, 1984, Stanford. (2000)

Timothy A. Paul, associate professor (bands); associate director, bands. BM, 1983 Lenoir-Rhyne; MM, 1989, Florida State; DMA, 2006, Colorado. (2004)

Melissa Peña, assistant professor (oboe, music appreciation). BM, 1996, Illinois, Urbana-Champaign; MM, 1998, Missouri, Kansas City. (2012)

Steven Pologe, professor (cello, chamber music). BM, 1974, Eastman School of Music; MM, 1978, Juilliard School. (1993)

Robert D. Ponto, associate professor; assistant dean, admissions, recruiting. BME, 1979, Wisconsin, Eau Claire; MM, 1985, Michigan, Ann Arbor. (1992)

David Riley, associate professor (collaborative piano). BM, 1992, Ithaca College; MM, 1995, Cleveland Institute of Music; DMA, 2000, Eastman School of Music. (2004)

Lindsey Henriksen Rodgers, adjunct instructor (musicology). BA, 2003, Walla Walla; MM, 2005, Yale; PhD, 2013, Oregon. (2014)

Stephen Rodgers, associate professor (music theory, musicianship). MPhil, 2001, PhD, 2005, Yale. (2005)

Michael Rogers, courtesy instructor (theory). BM, 1963, MM, 1964, Illinois, Urbana-Champaign; PhD, 1977, Iowa. (2010)

Michael Seregow, adjunct instructor (piano). BA, 2004, George Fox; MMus, 2010, DMA, 2014, Oregon. (2014)

Idit Shner, associate professor (saxophone, jazz studies). BM, Oklahoma City; MM, Central Oklahoma; DMA, 2007, North Texas. (2005)

Marian Elizabeth Smith, professor (musicology). BA, 1976, Carleton; BMus, 1980, Texas, Austin; PhD, 1988, Yale. (1988)

Jeffrey Stolet, Philip H. Knight Professor of Music (music technology, intermedia collaboration); director, Future Music Oregon, CPU Concert Series. BMus, 1977, MMus, 1979, New Mexico; PhD, 1984, Texas, Austin. (1988)

Leslie Straka, professor (viola, chamber music); director, Community Music Institute. BM, 1976, MM, 1978, DMA, 1987, Arizona State. (1987)

Ann Tedards, professor (voice, diction, pedagogy). AB, 1970, Sweet Briar; MM, 1972, North Carolina, Chapel Hill; DMA, 1997, Peabody Conservatory of Music, Johns Hopkins. (1987)

Chet Udell, instructor (music technology, music appreciation). BM, 2005, Stetson; MM, 2008, PhD, 2012, Florida. (2012)

Steve Vacchi, professor (bassoon, chamber music). BM, 1990, Eastman School of Music; MM, 1993, Hartt School; DMA, 1997, Louisiana State. (2000)

Lydia Van Dreel, associate professor (horn). BM, 1991, Wisconsin, Madison; MM, 1993, Juilliard. On leave spring 2016. (2006)

Marc Vanscheeuwijck, associate professor (musicology, collegium musicum). BA, 1982, MA, 1984, PhD, 1995, Ghent. (1995)

Milagro Vargas, professor (diction, pedagogy, voice). BM, 1977, Oberlin Conservatory; MM, 1981, Eastman School of Music. (1992)

Sarah Viens, adjunct instructor (trumpet).BM, 2004, Cleveland Institute of Music; MM, 2007, Temple.(2014)

Claire L. Wachter, associate professor (piano pedagogy, piano). BM, 1975, Peabody Conservatory; MM, 1977, DMA, 1993, Texas, Austin. (1991)

W. Sean Wagoner, senior instructor (percussion, music appreciation, scoring). BMus, 1994, MMus, 1997, DMA, 2001, Oregon. (2001)

Laura Decher Wayte, instructor (voice). BA, 1990, Vermont; MM, 1996, San Francisco Conservatory of Music. (2007)

Lawrence Wayte, instructor (musicology). BA, 1985, Wesleyan; MA, 1999, San Francisco State; PhD, 2007, California, Los Angeles. (2008)

Lillian Wells, instructor (string pedagogy); assistant director, Community Music Institute. BA, 2005, Oregon; MM, 2007, Hartt School. (2009)

Eric Wiltshire, associate professor (instrumental music education); assistant director, bands. BA, 1991, San Jose State; MA, 1994, Washington State; PhD, 2006, Washington (Seattle). (2006)

Carl Woideck, senior instructor (jazz history, rock music history, blues history). BMus, 1981, MS, 1989, Oregon. (1996)

Juan Eduardo "Ed" Wolf, assistant professor (ethnomusicology). BA, BS, 1993, Notre Dame; MS, 1995, Northwestern; MA, 2007, PhD, 2013, Indiana, Bloomington. (2013)

Stacie Yarbro, adjunct instructor (music education). BM, 2006, Butler; MMus, 2014, Oregon. (2012)

Laura Zaerr, adjunct instructor (harp). BMus, 1984, Oregon; MM, 1986, Eastman School of Music. (2001)

Emeriti

Wayne Bennett, professor emeritus. BME, 1968, Oklahoma State; MM, 1969, PhD, 1974, North Texas. (1978)

Peter Bergquist, professor emeritus. BS, 1958, Mannes College; MA, 1960, PhD, 1964, Columbia. (1964)

Leslie T. Breidenthal, professor emeritus. BS, 1948, MA, 1949, Columbia; AMusDoc, 1965, Michigan. (1967)

Richard G. Clark, associate professor emeritus. BS, 1964, MA, 1971, Oregon; DMA, 1977, Washington (Seattle). (1982)

David P. Doerksen, associate professor emeritus. BME, 1956, Willamette; MM, 1969, Southern California; DMA, 1972, Oregon. (1983)

J. Robert Hladky, professor emeritus. BMus, 1950, Oklahoma State; MMus, performer’s certificate, 1952, AMusDoc, 1959, Eastman School of Music. (1961)

Robert I. Hurwitz, professor emeritus. AB, 1961, Brooklyn; MMus, 1965, PhD, 1970, Indiana. (1965)

Gary M. Martin, professor emeritus. BA, 1961, MA, 1963, Adams State; PhD, 1965, Oregon. (1966)

James A. Miller, professor emeritus. BA, 1952, Goshen; MMus, 1956, AMusDoc, 1963, Michigan. (1965)

J. Robert Moore, professor emeritus. BMusEd, 1961, MMus, 1962, Tulsa; DMA, 1980, Eastman School of Music. (1975)

Randall S. Moore, professor emeritus. BA, 1963, MA, 1965, Oregon; PhD, 1974, Florida State. (1974)

Harold Owen, professor emeritus. BMus, 1955, MMus, 1957, DMA, 1972, Southern California. (1966)

George W. Recker, associate professor emeritus. Former principal trumpet, Kennedy Center Opera House Orchestra, Florida State University, George Peabody College, 1964–69. (1983)

H. Royce Saltzman, professor emeritus. BA, 1950, Goshen; MMus, 1954, Northwestern; DMA, 1964, Southern California. (1964)

Victor Steinhardt, professor emeritus. BMus, 1964, Mount St. Mary’s; MA, 1967, California, Los Angeles. (1968)

Stephen Stone, associate professor and assistant dean emeritus. BS, 1949, MS, 1956, DMA, 1971, Oregon. (1976)

Richard Trombley, associate professor emeritus. BS, 1961, Juilliard School; MMus, 1962, Manhattan School; DMA, 1977, Stanford. (1963)

Monte Tubb, associate professor emeritus. BA, 1956, Arkansas; MA, 1960, Indiana. (1966)

Mary Lou Van Rysselberghe, senior instructor emerita. BMus, 1956, MMus, 1976, Oregon. (1977)

Jeffrey Williams, professor emeritus. BMus, 1965, North Texas; MS, 1966, Illinois; DMA, 1974, North Texas. (1980)

The date in parentheses at the end of each entry is the first year on the University of Oregon faculty.

Participating

John Fenn, arts and administration

Ann B. Shaffer, library

Undergraduate Studies

Nonmajors

The School of Music and Dance offers nonmajors a variety of music courses and performance ensembles. For details, see course listings. The following courses, which are open to students who have not had musical instruction, satisfy some of the university's general-education requirements. See **Group Requirements** and **Multicultural Requirement** in the **Bachelor's Degree Requirements** section of this catalog.

MUJ350	History of Jazz, 1900–1950	4
MUJ351	History of Jazz, 1940 to Present	4
MUS125	Understanding Music	4
MUS151	Popular Songwriting	4
MUS141	Popular Piano and Musicianship I	4
MUS142	Popular Piano and Musicianship II	4
MUS143	Popular Piano and Musicianship III	4
MUS227	Elements of Electronic Music	4
MUS250	Popular Musics in Global Context	4
MUS264	Rock History, 1950–70	4
MUS265	Rock History, 1965 to Present	4
MUS267–269	Survey of Music History	12
MUS270	History of the Blues	4
MUS281	Music of the Woodstock Generation	4
MUS345M	Music, Politics, and Race	4
MUS349	American Ethnic and Protest Music	3
MUS351	The Music of Bach and Handel	4
MUS353	Survey of Opera	4
MUS356	Innovative Jazz Musicians: [Topic]	4
MUS358	Music in World Cultures	4
MUS359	Music of the Americas	4
MUS360	Hip-Hop Music: History, Culture, Aesthetics	4
MUS363	The Beatles and Their Times	4
MUS365	Regional Ethnomusicology: [Topic]	4
MUS382	American Musical Theater	4
MUS451	Introduction to Ethnomusicology	4
MUS452	Musical Instruments of the World	4
MUS454	Music of India	4
MUS457	Native American Music	4
MUS458	Celtic Music	4
MUS459	African Music	4
MUS460	Music and Gender	4
MUS462	Popular Musics in the African Diaspora	4

Ensembles

Course numbers through 499 are undergraduate-level courses; 500-, 600-, and 700-level courses are graduate-level courses.

MUJ 390/690	Jazz Laboratory Band III	1
MUJ 391/691	Jazz Laboratory Band II	1
MUJ 392/692	Oregon Jazz Ensemble	1-2
MUJ 395/695	Small Jazz Ensemble: [Topic]	1-2
MUS198	Workshop: [Topic] (Opera)	1-2
MUS 391/691	Collegium Musicum	1-3
MUS393	Oregon Electronic Device Orchestra	2
MUS 394/694	Chamber Ensemble: [Topic]	1
MUS 395/695	Band: [Topic]	1-2
MUS 396/696	Orchestra: [Topic]	2
MUS 397/697	Chorus: [Topic]	2
MUS 398/698	Opera Workshop	2
MUS 490/590	Balinese Gamelan	2

Music Minor Programs

The School of Music and Dance offers minors in music studies and music technology. Students wishing to pursue a music minor may submit an application (http://music.uoregon.edu/undergraduate-music-minor-application) to the School of Music and Dance at any time during their undergraduate studies. No audition is required.

Minor in Music

The minor in music requires a minimum of 26 credits, 15 of which must be upper division. A minimum of 15 credits must be taken in residence. Courses applied to the minor must be graded C– or better, and no more than 6 credits may overlap with course work applied to any other music degree program.No specific courses or categories are required. Credits for the minor may be earned by taking any of the following preapproved courses. For additional information, please visit the website (http://music.uoregon.edu/current-students/undergraduate-music-students) or contact the music undergraduate office (ugradmus@uoregon.edu).

List of Courses by Subject

Electronic or Computer Music Applications		
MUS227	Elements of Electronic Music	4
MUS446	Computer Music Applications: [Topic]	3
MUS447	Digital Audio and Sound Design	4
MUS448	Interactive Media Performance	3
MUS450	SensorMusik	3
MUS470	History of Electroacoustic Music	3
MUS471	Musical Performance Networks	3
MUS476–478	Digital Audio Workstation Tech I-III	9
MUS480–482	Audio Recording Techniques I-III	9
Jazz and Popular Music		
MUJ350	History of Jazz, 1900–1950	4
MUJ351	History of Jazz, 1940 to Present	4

MUS151	Popular Songwriting	4
MUS250	Popular Musics in Global Context	4
MUS264	Rock History, 1950–70	4
MUS265	Rock History, 1965 to Present	4
MUS270	History of the Blues	4
MUS281	Music of the Woodstock Generation	4
MUS345M	Music, Politics, and Race	4
MUS349	American Ethnic and Protest Music	3
MUS356	Innovative Jazz Musicians: [Topic]	4
MUS360	Hip-Hop Music: History, Culture, Aesthetics	4
MUS363	The Beatles and Their Times	4
MUS380	Film: Drama, Photography, Music	4
MUS382	American Musical Theater	4
Performance and Ensemble [1]		
MUJ390	Jazz Laboratory Band III	1
MUJ391	Jazz Laboratory Band II	1
MUJ392	Oregon Jazz Ensemble	1-2
MUJ395	Small Jazz Ensemble: [Topic]	1-2
MUS391	Collegium Musicum	1-3
MUS393	Oregon Electronic Device Orchestra	2
MUS394	Chamber Ensemble: [Topic]	1
MUS395	Band: [Topic]	1-2
MUS396	Orchestra: [Topic]	2
MUS397	Chorus: [Topic]	2
MUS398	Opera Workshop	2
MUS410	Experimental Course: [Topic] (Campus Orchestra)	1
MUS490	Balinese Gamelan	2
MUP courses		
Science of Music		
PHYS152	Physics of Sound and Music	4
PSY348	Music and the Brain	4
Theory		
MUS125	Understanding Music	4
MUS129	Basic Guitar Theory	2
MUS131–133	Music Theory I-III [2]	6
MUS134–136	Aural Skills I-III [2]	6
MUS137–139	Keyboard Skills I-III	3
MUS141	Popular Piano and Musicianship I	4
MUS142	Popular Piano and Musicianship II	4
MUS143	Popular Piano and Musicianship III	4
Western Art Music		
HUM300	Themes in the Humanities	4
MUS267–269	Survey of Music History	12
MUS351	The Music of Bach and Handel	4
MUS353	Survey of Opera	4
MUS460	Music and Gender	4
World Music		
MUS358	Music in World Cultures	4
MUS359	Music of the Americas	4
MUS365	Regional Ethnomusicology: [Topic]	4
MUS451	Introduction to Ethnomusicology	4
MUS452	Musical Instruments of the World	4
MUS454	Music of India	4
MUS457	Native American Music	4
MUS458	Celtic Music	4
MUS459	African Music	4
MUS462	Popular Musics in the African Diaspora	4

1 A maximum of 12 credits may be applied to the minor, chosen from any combination of courses listed for Performance and Ensemble.

2 It is recommended that Theory and Aural Skills courses be taken concurrently.

Other music courses may be approved by petition to the undergraduate committee.

Minor in Music Technology

The minor in music technology requires a minimum of 24 credits, 12 of which must be upper-division. A minimum of 14 credits must be taken in residence. Courses applied to the minor must be graded C– or better, and no more than 6 credits may overlap with course work applied to any other music degree program.

Required Courses		14
MUS227	Elements of Electronic Music	4
MUS447	Digital Audio and Sound Design	4
MUS448	Interactive Media Performance	3
MUS476	Digital Audio Workstation Tech I	3
Elective Courses		
Select a minimum of 10 elective credits from the following courses:		
MUS265	Rock History, 1965 to Present	4
MUS360	Hip-Hop Music: History, Culture, Aesthetics	4
MUS380	Film: Drama, Photography, Music	4
MUS393	Oregon Electronic Device Orchestra	2
MUS450	SensorMusik	3
MUS470	History of Electroacoustic Music	3
MUS471	Musical Performance Networks	3
MUS477	Digital Audio Workstation Tech II	3

Other music courses may be approved by petition to the undergraduate committee.

Music Major Programs

- **Bachelor of Arts in Music (General Music Option)**
- **Bachelor of Arts in Music (Music History and Literature Option)**
- **Bachelor of Arts in Music (Music Theory Option)**
- **Bachelor of Science in Music (General Music Option)**
- **Bachelor of Science in Music (Music Technology Option)**
- **Bachelor of Music in Music: Jazz Studies**
- **Bachelor of Music in Music Composition**
- **Bachelor of Music in Music Education** (p.)
- **Bachelor of Music in Music Performance**

A detailed checklist of requirements for each undergraduate degree is available online.

Students who want strong preparation in music should work toward the bachelor of music (BMus) degree.The bachelor of arts (BA) in music is primarily for students who want a broad liberal arts education while majoring in music. The bachelor of science (BS) in music is appropriate for those who want a broad education in the sciences or social sciences while majoring in music.

Admission

Students who are eligible for admission to the university may apply to the School of Music and Dance for fall term admission as music majors. Admission to the School of Music and Dance occurs during fall term only. Forinformation about admission to the University of Oregon, refer to the Admissions (p. 11) section of this catalog.

Application Procedure

1. Complete the University of Oregon application for admission
2. Review the school's undergraduate music major audition requirements (http://music.uoregon.edu/apply/undergraduate-music)
3. Complete the school's online application (http://music.uoregon.edu/apply/undergraduate-music)
4. Download a Letter of Recommendation Form (http://music.uoregon.edu/sites/music2.uoregon.edu/files/letterofrecommendationform1.pdf)and distribute copies to two music teachers or other instructors familiar with your growth as a musician
5. Perform live audition or submit recorded audition or portfolio; the portfolio option is for music technology applicants only

Admission Timeline

Early action—submit UO and School of Music and Dance applications	November 1
Early action—undergraduate auditions; recorded auditions and music technology portfolios due by noon	Mid-November*
School of Music and Dance standard application deadline	January 15
Undergraduate audition days; recorded auditions and music technology portfolios due	Late January through February*
School of Music and Dance mails admission and scholarship offers	April 1

* For audition dates and submission deadlines for recordings and portfolios, visit the Undergraduate Music Admissionswebsite.

Auditions

In most degree programs, the audition is the most important factor in determining admission to the School of Music and Dance. As part of the admission process, applicants to all music degree programs must either audition (in person or via recording) or submit a portfolio (the option for applicants to the music technology program). Students who submit recorded auditions may be required to audition in person upon arrival on campus. Auditions for admission are held in November, January, and February. Each student who auditions for admission is automatically considered for a music scholarship. For more detailed information about repertory and procedure, visit the School of Music and Dance admissions website (http://music.uoregon.edu/apply/undergraduate-music). (http://music.uoregon.edu/apply)

Jazz Studies

Students who want to enter the jazz studies major have two auditions: one is specific to jazz; the second is a classical audition that serves an important advisory role. In addition, a placement examination specific to jazz studies is required of transfer students wishing to enter the program.

Music Technology

Students who want to enter the music technology program must submit a portfolio. A classical audition is not required for admittance to the bachelor or science music technology degree program. However, students admitted only on the basis of a portfolio are only considered for the music technology program and are not eligible to pursue other degree programs within the school.

English Language Proficiency

Scores for the Test of English as a Foreign Language (TOEFL) or International English Language Testing System (IELTS) are required for students whose first language is not English. For admittance as an undergraduate music major, English language proficiency requirements must be met by one of the following: a minimum total TOEFL score of 575 on the paper-based test or a minimum total score of 88 on the Internet-based test; a minimum total score of 7.0 on the International English Language Testing System (IELTS); or completion of all required Academic English for International Students (AEIS) course work.

Placement Examinations

Incoming music majors take an online musicianship diagnostic, which is designed to assess basic skills in theory and ear training. In addition, all transfer students are required to take a music core placement examination, which determines level placement in music theory, aural skills, and keyboard skills courses. Incoming freshman students may choose to take the music core placement exam (for the purpose of testing out of part of the music core). Study guides (http://music.uoregon.edu/current-students/undergraduate-music/undergraduate-music-policies-and-forms) for the placement are available from the music undergraduate office.

Admission to a Specific Degree Program

Initial admission to the school is as a general music major. The only exception is for jazz studies majors, who, upon acceptance, are admitted into the music: jazz studies degree program.

Official admission to one of the degree programs listed in the table below typically occurs after the student successfully completes two years of core studies. Students seeking a bachelor of arts in the music history and literature option may apply at the end of their first year, after completion of College Composition I (WR121) and Music in World Cultures (MUS358). Procedures and requirements for admission to specific degree programs in the School of Music and Dance vary significantly. Additional information is available from the undergraduate office.

Music Degree Program Admission Procedures and Requirements

Degree Program	Admission Procedures and Requirements

Bachelor of Art in Music: Music History and Literature	Submit research paper and unofficial transcript to the musicology faculty; complete an interview with a member of that faculty. Before admittance to the program, WR121 must be completed and MUS358 must be taken in residence and passed with a grade of B– or better.
Bachelor of Art in Music: Music Theory	Submit research paper and unofficial transcript to the theory faculty; complete an interview with a member of that faculty. Before admittance to the program, the second-year music theory core (theory, aural skills, keyboard skills) must be taken in residence and passed with grades of B– or better.
Bachelor of Science in Music: Music Technology	Three audio recordings of recent compositions (audio or visual formats)—candidates who have completed MUS447, MUS448 may submit two compositions; one- to two-page description of experience with electronic and computer musical instruments, audio recording or related software, and reasons for enrolling in this option; list of software and hardware in which the student has experience and the level of expertise with each.
Bachelor of Music in Music Composition	Successful completion of Composition I series (MUS240, MUS241, MUS242) with grades of B– or better.
Bachelor of Music in Music Education	Successful completion of Foundations of Music Education (MUE326) with grade of B- or better. Application to degree program, audition, and interview. Students who have not made satisfactory progress may apply one time only.
Bachelor of Music in Music: Performance (Brass)	Successful jury to the MUP386, MUP387, MUP388, MUP389, or MUP390 level.
Bachelor of Music in Music: Performance (Guitar)	Successful jury to the MUP380 level.
Bachelor of Music in Music: Performance (Keyboard)	Successful jury to the MUP371, MUP372, or MUP373 level.
Bachelor of Music in Music: Performance (Percussion)	Successful jury to the MUP391 level.
Bachelor of Music in Music: Performance (Strings)	Successful jury to the MUP375, MUP376, MUP377, MUP378, or MUP379 level.
Bachelor of Music in Music: Performance (Voice)	Successful jury to the MUP374 level.
Bachelor of Music in Music: Performance (Woodwinds)	Successful jury to the MUP381, MUP382, MUP383, MUP384, or MUP385 level.

Program Requirements

Accompanying Requirement for Piano Students

Undergraduates studying piano at the Performance Studies: Piano (MUP171) level or higher as their primary performance medium must fulfill at least half their ensemble requirement by enrolling in Chamber Ensemble: [Topic] (MUS394) (Accompanying).

Ensemble Requirements for Music Majors

Music majors require ensemble enrollment concurrent with performance studies. Performance studies and ensemble requirements vary by program. A detailed checklist of requirements for each undergraduate degree is available online (http://music.uoregon.edu/current-students/undergraduate-music-students/undergraduate-checklists). Students must audition for ensemble placement before each fall term.

Instrumental Majors

Ensembles that satisfy this requirement are

- University Symphony Orchestra
- Oregon Wind Ensemble
- Oregon Symphonic Band

Voice Majors

Ensembles that satisfy this requirement are

- University Singers
- Chamber Choir
- Repertoire Singers
- Women's Choir

Assignments take into account the student's preference, level of ability, major performance medium, educational and musical needs, and the needs of the school's ensembles.

Ensemble Credits for Transfer Students

A limited number of ensemble credits may be transferred:

BA or BS in Music (General Music Option)—three of the required six terms may be transferred
BA in Music (Music History and Literature Option, Music Theory Option) and BS in Music (Music Technology Option)—all three of the required terms must be completed in residence
BMus in Music Composition and BMus in Music Education—three of the required nine terms may be transferred
BMus in Music: Jazz Studies—three of the required nine terms of small jazz ensemble may be transferred; all three of the required terms of classical ensemble may be transferred
BMus in Music Performance—six of the required twelve terms may be transferred

Only one approved ensemble per term may be transferred. For the purposes of transfer, two semesters shall equal three terms of credit and one semester shall equal one term of credit.

Exceptions to Ensemble Requirements

Students who meet one of the following exceptions are not required to audition for ensemble placement:

- Harp, classical guitar, harpsichord, and organ students may enroll in a chamber ensemble instead of the large conducted ensembles
- Jazz studies majors must enroll in three terms of classical ensembles, which may includeMUS394 Chamber Ensemble: [Topic],Band: [Topic] (MUS395), Orchestra: [Topic] (MUS396), or Chorus: [Topic] (MUS397).
- Piano students enrolled in performance studies at the Performance Studies: Piano (MUP171) level or higher may enroll in MUS394 Chamber Ensemble: [Topic] (Accompanying) or MUS421 The Collaborative Pianist, MUS422 The Collaborative Pianist, MUS423 The Collaborative Pianist instead of large conducted ensembles
- Composition students may enroll in three terms of gamelan in partial fulfillment of the requirement
- Studio guitar students may enroll in a chamber, studio guitar, or jazz ensemble instead of a large conducted ensemble

Other exceptions to ensemble requirements may be considered by the ensemble petition committee after the student completes the following:

- auditions for the appropriate ensemble auditioning committee (choral or instrumental)
- submits a petition to the music undergraduate office

General Requirements

In addition to the general university requirements for bachelor's degrees (see the **Registration and Academic Policies** (p. 18) section of this catalog), all undergraduate degrees in music require the following:

Core Courses for Music Majors

MUS131–133	Music Theory I-III	6
MUS134–136	Aural Skills I-III	6
MUS137–139	Keyboard Skills I-III	3
MUS231–233	Music Theory IV-VI	6
MUS234–236	Aural Skills IV-VI	6
MUS237–239	Keyboard Skills IV-VI	3
MUS267–269	Survey of Music History	12
MUS327	Analysis: [Topic] (zero to three terms)	1-9
MUS358	Music in World Cultures [1]	4
Total Credits		46-55

[1] This course may double count toward general education requirements of the bachelor's degree. For details, see advisor.

Satisfactory Progress toward theDegree

Satisfactory progress toward the degree is monitored every term by the director of undergraduate studies.

Majors must earn a C– or better in every course—including courses taken outside the School of Music and Dance—required for their degree program.

Students are allowed two attempts to earn a grade of C– or better in any course required for a music major. A student who receives a grade of D + or lower or a mark of W (withdrawal) or I (incomplete) for a required course is placed on probation. Probationary status must be removed by the end of the next term in which the course is offered. Any student who fails to fulfill this probation contract is dropped from the major.

Students who have been in residence for two years but have not successfully completed the two-year coreare placed on probation as music majors. If these courses have not been completed by the end of the third year, the student is suspended from the major. Reinstatement to the major occurs automatically once the courses have been successfully completed.

Candidates for a BMus in music: jazz studies, music education, or music performance must advance to the next performance level at least once every five terms.

Undergraduate music majors reenrolling after two or more consecutive terms of nonenrollment (excluding summer session) are required to reaudition for performance studies–level placement as a music major and may be required to take placement exams in theory, aural skills, and keyboard skills. Students studying abroad or in an approved exchange program are exempt from the reaudition requirement. In addition, undergraduate majors admitted to a specific degree program prior to being nonenrolled for two or more consecutive terms may also be required to reapply for admittance to that specific degree program by their major department or area.

Typical First-Year Program

First Year		
Fall		**Credits**
MUS131	Music Theory I	2
MUS134	Aural Skills I	2
MUS137	Keyboard Skills I	1
MUS358	Music in World Cultures	4
MUS395, 396, or 397	Band: [Topic] (Orchestra: [Topic] or Chorus: [Topic])	2
Performance Studies (studio instruction)		4
Fall Credits		15
Winter		
MUS132	Music Theory II	2
MUS135	Aural Skills II	2
MUS138	Keyboard Skills II	1
MUS395, 396, or 397	Band: [Topic] (Orchestra: [Topic] or Chorus: [Topic])	2
Performance Studies (studio instruction)		4
WR121	College Composition I	4
Winter Credits		15
Spring		
MUS133	Music Theory III	2
MUS136	Aural Skills III	2
MUS139	Keyboard Skills III	1
MUS395, 396, or 397	Band: [Topic] (Orchestra: [Topic] or Chorus: [Topic])	2
Performance Studies (studio instruction)		4

WR122 or 123	College Composition II (or III)	4
Spring Credits		15
	Total Credits:	**45**

Specific Degree Requirements

Minimum requirements for a bachelor's degree in music are 36 credits in the major, including 24 upper-division credits. In addition to general university requirements and the general requirements for all undergraduate music degrees, each undergraduate music degree has the following specific requirements.

Bachelor of Arts

Bachelor of arts degrees require proficiency in a foreign language (see the **Registration and Academic Policies** section of this catalog).

Bachelor of Arts in Music (General Music Option)

Performance Studies (MUP171 or above) [1]		6-12
Ensemble (at least six terms)		12
MUS327	Analysis: [Topic] (two terms)	6
Select three Arts and Letters group-satisfying courses (in consultation with major advisor) (p. 43)		12
MUS499	Senior Project (three terms) [2]	9
Total Credits		**45-51**

1. At leastthree terms with concurrent enrollment inassigned ensemble. See also, General Limitations in the Registration and Academic Policies (p. 18) section of this catalog.
2. A scholarly work, extensive paper, recital, presentation, lecture or lecture-recital, or composition. If a recital is chosen, three terms of Performance Studies at MUP 341or higher are required. When the project is a recital, enrollment in MUS499 Senior Project is optional. For details and procedures, consult advisor.

A total of at least 91 credits including electives and required courses.

Bachelor of Arts in Music (Music History and Literature Option)

Performance Studies (MUP171 or above) [1]		6-12
Ensemble (at least three terms)		6
MUS327	Analysis: [Topic] (two terms)	6
ARH204–206	History of Western Art I-III (MUP171 Performance Studies (or above)) [2]	12
MUS405	Reading and Conference: [Topic] (Junior Colloquium, Senior Colloquium)(two terms)	6
MUS499	Senior Project (two terms) [3]	6
Three upper-division music literature courses or seminars		12
Total Credits		**54-60**

1. At leastthree terms with concurrent enrollment inassigned ensemble. See General Limitations in the Registration and Academic Policies (p. 18) section of this catalog.
2. These courses may double count toward general education requirements of the Bachelor of Arts degree. For details, see advisor.
3. Completed under faculty guidance. For details and procedures, consult advisor.

A total of at least 100 credits including electives and required courses.

Bachelor of Arts in Music (Music Theory Option)

Performance Studies [1]		6-12
Ensemble (at least three terms)		6
MUS327	Analysis: [Topic] (three terms)	9
MUS433–435	Counterpoint	12
Select three of the following:		9
MUS430	Schenkerian Analysis	
MUS431	Schenkerian Analysis	
MUS416	Post-Tonal Theory I	
MUS417	Post-Tonal Theory II	
Select two of the following:		6-8
MUS240–242	Composition I	
MUJ270	Jazz Theory	
MUS439	Scoring for Voices and Instruments	
MUS446	Computer Music Applications: [Topic]	
MUS447	Digital Audio and Sound Design	
MUS448	Interactive Media Performance	
Select one of the following:		3-4
MUS359	Music of the Americas	
MUS451	Introduction to Ethnomusicology	
MUS452	Musical Instruments of the World	
MUS453	Folk Music of the Balkans	
MUS454	Music of India	
MUS458	Celtic Music	
MUS460	Music and Gender	
MUS462	Popular Musics in the African Diaspora	
MUS467	Solo Vocal Music	
MUS468	Solo Vocal Music	
MUS470	History of Electroacoustic Music	
MUS471	Musical Performance Networks	
MUS474	History of Opera	
MUS475	History of Opera	
MUS405	Reading and Conference: [Topic] (Junior Colloquium, Senior Colloquium)(two terms)	6
MUS499	Senior Project (two terms) [2]	6
Total Credits		**63-72**

College Composition III (WR123) is strongly recommended.

1. At least three terms with concurrent enrollment in assigned ensemble. See also, General Limitations in the Registration and Academic Policies (p. 18) section of this catalog.
2. Completed under faculty guidance. For details and procedures, consult advisor.

A total of at least 109 credits including electives and required courses.

Other Requirements

Demonstrated piano proficiency at Performance Studies: Piano (MUP271) or three terms of Performance Studies: Piano (MUP171) with grades of C– or better.

Bachelor of Science

Bachelor of science degrees require competence in mathematics or computer science (see the **Registration and Academic Policies** section of this catalog).

Bachelor of Science in Music (General Music Option)

Performance Studies (MUP171 or above) [1]		6-12
Ensemble (at least six terms)		12
MUS327	Analysis: [Topic] (two terms)	6
MUS499	Senior Project (three terms) [2]	9
Total Credits		**33-39**

1. At leastthree terms with concurrent enrollment inassigned ensemble. See General Limitations in the Registration and Academic Policies (p. 18) section of the catalog.
2. A scholarly work, extensive paper, recital, presentation, lecture or lecture-recital, or composition. If a recital is chosen, three terms of performance study at the MUP 341 Performance Studies level or higher are required. When the project is a recital, enrollment in MUS499 Senior Project is optional. For details and procedures, consult advisor.

A total of at least 79 credits including electives and required courses.

Bachelor of Science in Music (Music Technology Option)

Performance Studies [1]		6-12
Ensemble (at least three terms)		6
CIS110	Fluency with Information Technology [2]	4
CIS111	Introduction to Web Programming [2]	4
CIS115	Multimedia Web Programming [2]	4
CIS122	Introduction to Programming and Problem Solving [2]	4
PHYS152	Physics of Sound and Music [2]	4
MUS445	Electronic Composition	12
MUS447	Digital Audio and Sound Design	4
MUS448	Interactive Media Performance	3
MUS476–478	Digital Audio Workstation Tech I-III	9
MUS480–481	Audio Recording Techniques I,II	6
Electives		
Select at least 23 credits from the following list:		23
MUS240–242	Composition I	
MUS340–342	Composition II	
MUS440–442	Composition III	
MUS327	Analysis: [Topic]	
MUJ350	History of Jazz, 1900–1950	
MUJ351	History of Jazz, 1940 to Present	
MUS430–431	Schenkerian Analysis	
MUS433–435	Counterpoint	
MUS445	Electronic Composition	
MUS446	Computer Music Applications: [Topic]	
MUS474–475	History of Opera	
Additional performance studies		
Additional ensembles		
Courses in the music of other cultures		
MUS499	Senior Project [3]	3-9
Total Credits		**92-104**

1. At leastthree terms on one or more secondary instruments, with concurrent enrollment inassigned ensemble. See also, General Limitations in the Registration and Academic Policies (p. 18) section of this catalog.
2. These courses may double count toward general education requirements for the Bachelor of Science degree. For details, see advisor.
3. Completed under faculty guidance. For details and procedure, consult advisor.

Music majors pursuing the music technology option are not required to take Analysis: [Topic] (MUS327) in the core requirements.

A total of at least 138 major credits including electives and required courses.

Bachelor of Music

Bachelor of Music in Music: Jazz Studies

Performance Studies (Studio Instruction, jazz) [1]		12
Performance Studies (Studio Instruction, classical) [2]		1-12
MUJ395	Small Jazz Ensemble: [Topic] (nine terms)	15
Classical ensemble—select three terms from the following:		3-6
MUS394	Chamber Ensemble: [Topic]	
MUS395	Band: [Topic]	
MUS396	Orchestra: [Topic]	
MUS397	Chorus: [Topic]	
MUJ180–182	Jazz Performance Laboratory	6
MUJ270	Jazz Theory	2
MUJ271–272	Functional Jazz Piano I-II	4
MUJ273–274	Jazz Improvisation I-II	4
MUJ350	History of Jazz, 1900–1950	4
orMUJ351	History of Jazz, 1940 to Present	
MUS384	Introduction to Conducting	2
MUJ474–476	Jazz Repertoire I-III	9
MUJ480–482	Jazz Arranging I-III	9
MUJ477–479	Advanced Jazz Repertoire I-III	9
orMUJ483–485	Advanced Jazz Arranging I-III	
Electives		
Select at least 20 credits from the following:		20
MUS327	Analysis: [Topic]	
MUJ390	Jazz Laboratory Band III	
MUJ391	Jazz Laboratory Band II	
MUJ392	Oregon Jazz Ensemble	

Courses in the music of other cultures	
Courses in music technology	
Courses in audio recording	
Other music courses [3]	
Senior Recital	
Total Credits	99-114

Other Requirements

Continuation in the jazz studies program requires successful completion of sophomore and junior proficiency examinations.

Majors in music: jazz studies are not required to take the following core courses (listed under**General Requirements**): MUS 234, 235, 236, 237, 238, 239, 327.

1 Including three terms of Performance Studies at MUP 271 or higher.

2 Proficiency at a level that allows enrollment in Performance Studies at MUP 271or higher. Students who meet this requirement upon entrance are not required to enroll in classical studio instruction.

3 For details, consult jazz studies advisor.

A total of at least 136 music credits including electives and required courses.

Bachelor of Music in Music Composition

Performance Studies [1]		1-36
Ensemble (at least nine terms)		18
MUS327	Analysis: [Topic] (three terms)	9
MUS240–242	Composition I	9
MUS340–342	Composition II	9
MUS440–442	Composition III	9
MUS384	Introduction to Conducting	2
MUS430–431	Schenkerian Analysis	6
MUS433–435	Counterpoint	12
MUS407	Seminar: [Topic] (Orchestration)	2
Select one of the following:		3-4
MUS445	Electronic Composition	
MUS446	Computer Music Applications: [Topic]	
MUS447	Digital Audio and Sound Design	
MUS448	Interactive Media Performance	
Select one of the following:		2-4
MUS359	Music of the Americas	
MUS451	Introduction to Ethnomusicology	
MUS452	Musical Instruments of the World	
MUS453	Folk Music of the Balkans	
MUS454	Music of India	
MUS490	Balinese Gamelan	
Senior Recital [2]		
Total Credits		**82-120**

1 Proficiency in piano at a level that allows enrollment in Performance Studies: Piano (MUP271), as determined by the piano faculty, or proficiency in piano (Performance Studies: Piano (MUP171)) and in another instrument or in voice (Performance Studies: Piano (MUP171) or above).

2 A public performance of compositions written by the student under the guidance of the composition faculty. Final approval of the student's recital and general qualifications are provided by the composition faculty.

A total of at least 127 music credits including electives and required courses.

Bachelor of Music in Music Education

MUS155–156	Introduction to Lyric Diction	4
MUE326	Foundations of Music Education	3
MUE386–388	Teaching Laboratory I	2-3
MUE392	Instrumental Techniques: [Topic]	1-7
MUE406	Field Studies: [Topic] (Field Practicum in the Public Schools)	1-21
MUE407	Seminar: [Topic] (Band Materials or String Materials)	3
MUE411	Band Methods	3
orMUE413	Secondary Choral Methods	
orMUE456	String Methods	
MUE412	Elementary Music Methods	3
MUE428	Music for Early Childhood	3
MUE429	Music in Special Education	3
MUE430	Music Classroom Management	3
MUE442	Teaching Singing in the Classroom	3
MUS447	Digital Audio and Sound Design	4
MUE455	Marching Band Methods	3
MUS484	Choral Conducting and Literature	3
MUE486	Teaching Laboratory II	1
MUS486	Instrumental Conducting	3
Performance Studies with concurrent enrollment in assigned ensemble [1]		18
Ensemble, ten terms [2]		19

1 Students must pass three terms of Performance Studies on their primary instrument at the MUP 341–391 level.

2 During the first nine terms, all students will enroll in a conducted large ensemble. During the tenth term, students will enroll in Small Jazz Ensemble: [Topic] (MUJ395). Students receiving a SOMD scholarship enroll in a conducted large ensemble for eleven terms.

Requirements

- A total of at least 125 music credits, including required and elective courses
- A minimum cumulative grade point average (GPA) of 2.75; at least two years in residence. Students must achieve a B– or better in all courses with the MUE subject code. Those failing to do so must retake the course before enrolling in any subsequent MUE courses. MUE courses may be retaken once
- Admission to the music education program, for which students typically apply at the end of their sophomore year, requires a minimum cumulative GPA of 2.75, a grade of B– or better in Foundations of Music Education (MUE326), a successfully completed audition and application, and faculty approval

Choral Option. Students whose primary performance medium is voice must also pass one term of Functional Piano (MUP163). Students

whose primary performance medium is piano must also pass three terms of Performance Studies: Voice (MUP174). Students whose primary performance medium is a wind, percussion, or string instrument must meet the primary and secondary voice and piano performance requirements listed above.

Elementary Option. Students whose primary performance medium is voice must also pass one term of Functional Piano (MUP163). Students whose primary performance medium is piano must also pass one term of voice performance studies. Students whose performance medium is a wind, percussion, or string instrument must pass one term of voice performance studies and enroll in a concurrent choral ensemble.

Instrumental Option (Band and Orchestra). Piano, organ, recorder, harp, guitar, or other nontraditional instruments may not be used to meet the primary studio option requirements.

The current music education checklist is available from the school's undergraduate office.

Bachelor of Music in Music Performance

Performance Studies [1]		36
Ensemble (at least twelve terms)		24
MUS327	Analysis: [Topic] (two terms)	6
MUS384	Introduction to Conducting	2
Upper-division MUS electives		5
Junior and senior recitals [2,3]		
Total Credits		**73**

1. Three terms at the MUP 400 level or above with concurrent enrollment in assigned ensemble.
2. Credit may be earned in Reading and Conference: Recital (MUS 405). This is in addition to credit earned in Performance Studies.
3. Prerecital auditions must be approved at least three weeks before the proposed recital date. For details, consult studio teacher.

Areas of Specialization

- bassoon
- cello
- clarinet
- classical guitar
- double bass
- euphonium
- flute
- harp
- harpsichord
- horn
- oboe
- organ
- percussion
- piano
- saxophone
- studio guitar
- trombone
- trumpet
- tuba
- viola
- violin
- voice

Students may also specialize in more than one wind instrument. For details, consult studio instructor.

Additional Requirements

Voice Option

Proficiency in French, German, Italian equivalent to completion of one year of college study in each of two languages or two years of study in one language.		1-27
MUS155–156	Introduction to Lyric Diction	4
MUP163	Functional Piano (three terms or equivalent)	6
MUS394	Chamber Ensemble: [Topic] (one term)	1

Piano Option

Six of the twelve terms of ensemble must be in MUS394 Chamber Ensemble: [Topic] Accompanying.		6
MUE471–473	Piano Pedagogy I-III	7
MUE409	Practicum: [Topic]	1-4

Harpsichord and Organ Option

Six of the 12 terms of ensemble must be in MUS394 Chamber Ensemble: [Topic] (Accompanying).

Strings, Woodwinds, Brass, Guitar, and Harp Option

In addition to the 12 terms of ensemble, at least three terms of MUS394 Chamber Ensemble: [Topic] are required.

Percussion Option

In addition to 12 terms of ensemble, 12 terms ofMUS394 Chamber Ensemble: [Topic](Oregon Percussion Ensemble) are required.

A total of at least 122 music credits including required and elective courses.

- **Master of Arts in Musicology**
- **Master of Arts in Music Theory**
- **Master of Music in Intermedia Music Technology**
- **Master of Music in Music Composition**
- **Master of Music in Music: Conducting**
- **Master of Music in Music Education**
- **Master of Music in Music: Jazz Studies**
- **Master of Music in Music: Piano Pedagogy**
- **Master of Music in Music Performance**
- **Doctor of Musical Arts in Music Composition**
- **Doctor of Musical Arts in Music Performance**
- **Doctor of Philosophy in Music Composition**
- **Doctor of Philosophy in Music Education**
- **Doctor of Philosophy in Musicology**
- **Doctor of Philosophy in Music Theory**

Graduate Studies

Admission

Applicants must satisfy general university, Graduate School, and School of Music and Dance requirements governing admission. See the **Graduate School** section of this catalog for information about credits, residence, and transfer of graduate work taken elsewhere.

Submit an online Graduate Admission Application and a $50 (US) nonrefundable application fee. In addition, send two sets of sealed, official transcripts from all colleges or universities from which a bachelor's and all subsequent degrees were earned; transcripts must show the degrees awarded. Address one set to Office of Admissions, 1217 University of Oregon, Eugene, Oregon 97403-1217. Address the second set to School of Music and Dance, Graduate Admissions, 1225 University of Oregon, Eugene, Oregon 97402-1225.

Doctoral applicants must also send Graduate Record Examination (GRE) scores from the General Test (verbal, quantitative, analytical). Scores must come directly from the Educational Testing Service (ETS). Instruct the ETS to send the scores electronically to the University of Oregon Graduate School, code 4846.

Additional Requirements for International Students

International applicants must have a credential that is equivalent to a four-year bachelor's degree earned in the United States. These credentials must be received from an institution recognized by the country's educational body that oversees institutional approval, such as the Ministry of Education. Two copies of the following documents should be requested:

- Official transcripts
- Certified English translations of all college or university work
- If the degree and conferral date do not appear on the transcripts, official degree certificates with certified English translations

Send two sets of transcripts, one to the Office of Admissions, 1217 University of Oregon, Eugene, Oregon 97403-1217 USA, the other to the School of Music and Dance, Graduate Admissions, 1225 University of Oregon, Eugene, Oregon 97402-1225 USA.

International applicants must file the International Student Financial Statementonline.

International applicants from a non-English-speaking country must provide a TOEFL score of 575 or above (paper-based test) or 88 or above (Internet-based test) or an International English Language Testing System (IELTS) score of 7.0. The Office of Admissions will accept an electronic score or an official paper copy from the Educational Testing Service. International applicants from a non-English-speaking country cannot be admitted without a qualifying TOEFL score. International applicants who hold degrees from English-speaking American, Canadian, or British universities are not required to provide a TOEFL score.

Master's Degree Admission

All submissions must include the University of Oregon online Graduate Application (https://gradweb.uoregon.edu/online_app/application/guidelines1.asp). Following are additional admission requirements for specific programs:

Degree Program	Admission Procedures and Requirements
MA, Musicology	Résumé; statement of purpose; two research or analysis papers in history or ethnomusicology; recent concert or recital programs (optional)
MA, Music Theory	Curriculum vitae; statement of purpose; two scholarly writing samples exemplifying scholarship and student's ability to develop a single, coherent line of reasoning and ability to analyze tonal or atonal music or both; Preliminary Written Exam for the Music Theory GTF (written test designed to evaluate part-writing and analysis skills); interview with music theory faculty
MMus, Music Composition	Résumé; statement of purpose; scholarly writing sample; evidence of live performance of student works; list of compositions; list of performances of compositions; scores of original works for large and small ensembles that demonstrate marked ability and technical skill in composition; audio or video recordings of compositions; interview with member of composition faculty (optional)
MMus, Music: Conducting (Choral, Orchestral, or Wind Ensemble)	Résumé; statement of purpose; scholarly writing sample; recent concert or recital programs conducted; preliminary audition recording; live audition and interview (if invited to campus following review of preliminary recorded audition). For conducting audition details, visit pages.uoregon.edu/music/admission/docs/AudRequireCurrent_Grad.pdf
MMus, Intermedia Music Technology	Résumé; statement of purpose; scholarly writing sample; recent concert or recital programs; intermedia music technology statement; intermedia music technology-related work summary; software-hardware experience; portfolio recordings

MMus, Music: Jazz Studies (Instrumental Performance or Composition-Arranging)	Résumé; statement of purpose; scholarly writing sample; repertoire list (optional); recent concert or recital programs (optional); preliminary audition recording (due by December 10); live audition, if selected from preliminary audition recording. For audition details, visit pages.uoregon.edu/music/admission/docs/AudRequireCurrent_Grad.pdf. For composition and arranging emphasis, submit two representative scores and recordings of arrangements and/or compositions for jazz ensemble. At least one of these pieces should be scored for a large ensemble (10 or more performers). Students admitted on the basis of recorded performances must perform a placement audition upon arrival on campus to begin studies.
MMus, Music Education	Baccalaureate in music education or equivalent from an institution accredited by the National Association of Schools of Music; copies of concert programs conducted; a résumé detailing teaching experience; a recent video recording of public school teaching and public school ensemble performances; a campus visit and interview with members of the music education faculty is recommended. Upon acceptance into the program, any student not possessing a music teaching license must successfully complete that process as part of earning the degree.
MMus, Music Performance	Résumé; statement of purpose; scholarly writing sample; repertoire list; recent concert or recital programs; audition (either live or recorded). For current audition requirements and procedures, visit pages.uoregon.edu/music/admission/docs/AudRequireCurrent_Grad.pdf. Flute and saxophone applicants must submit a preliminary audition recording by December 10. Note that any student admitted on the basis of a recorded performance must perform a placement audition upon arrival on campus to begin studies.
MMus, Music: Piano Pedagogy	Résumé; statement of purpose; scholarly writing sample; repertoire list; recent concert or recital programs; video of student teaching a beginning-level student and an intermediate- or advanced-level student; either a live or a recorded audition. Note that any student admitted on the basis of a recorded performance must perform a placement audition upon arrival on campus to begin studies.

Doctoral Degree Conditional Admission

All submissions must include the University of Oregon online Graduate Application (https://gradweb.uoregon.edu/online_app/application/guidelines1.asp); doctoral applicants must submit Graduate Record Examination (GRE) scores.

Doctoral students in music must complete one primary area and one supporting area. Details are available from the School of Music and Dance graduate office. Following are additional admission requirements for specific programs:

Degree Program	Admission Procedures and Requirements
PhD and DMA, Music Composition	Résumé; statement of purpose; scholarly writing sample; evidence of live performance of works; list of compositions; list of performances of compositions; scores of original works for large and small ensembles that demonstrate marked ability and technical skill in composition; audio or video recordings of compositions; interview with a member of the composition faculty (optional)
PhD, Music Education	Résumé detailing evidence of at least three years of successful full-time music teaching experience in elementary or secondary public school or both; previous bachelor's and master's degrees from institutions accredited by the National Association of Schools of Music, at least one of which must be in music education; copies of concerts or programs conducted; a recent video recording of public school teaching and public school ensemble performances; and an on-campus interview with members of the music education faculty

PhD, Musicology	Résumé; statement of purpose; two research or analysis papers in history or ethnomusicology; recent concert or recital programs (optional); if interested in historical performance practice, submit recent audio or video recordings of performances (optional)
PhD, Music Theory	Curriculum vitae; statement of purpose; two scholarly writing samples exemplifying scholarship and ability to develop a single, coherent line of reasoning and ability to analyze tonal or atonal music or both; recent concert or recital programs (optional); Preliminary Written Exam for Music Theory GTF (a written test designed to evaluate part-writing and analysis skills); interview with member of music theory faculty
DMA, Music Performance	Résumé; statement of purpose; scholarly writing sample; repertoire list; recent concert or recital programs; audition. For current audition requirements and procedures, visit pages.uoregon.edu/music/admission/docs/AudRequireCurrent_Grad.pdf. Applicants to the DMA, music performance—piano pedagogy option program have two additional application requirements: (1) a list of pedagogical materials and literature used in the applicant's teaching; and (2) a high-quality, 45-minute video recording demonstrating piano instruction of two different works to an advanced-level student. Teaching repertoire may be chosen from works such as the following: Bach two- and three-part inventions; Beethoven, Haydn, or Mozart sonatas, rondos, or a set of variations; a Chopin nocturne or Brahms intermezzo; a Debussy prelude, or a work by Ravel; a modern work written after 1900. Flute and saxophone applicants must submit a preliminary audition recording by December 10. Note that any student admitted on the basis of a recorded performance must perform a placement audition upon arrival on campus to begin studies.

Admission Requirements for Doctoral Supporting Areas

Degree Program	Admission Procedures and Requirements
Arts Administration	This doctoral supporting area is administered by the Arts and Administration Program in the UO School of Architecture and Allied Arts. For more information, visit the Arts and Administration website (aad.uoregon.edu/phddma-program).
Collaborative Piano	Repertoire list; live audition. For audition requirements, visit pages.uoregon.edu/music/admission/docs/AudRequireCurrent_Grad.pdf.
Composition	List of compositions; list of performances of compositions; scores of original works for large and small ensembles that demonstrate marked ability and technical skill in composition; audio or video recordings of compositions
Conducting (Choral, Orchestral, or Wind Ensemble)	Recent concert or recital programs conducted; evidence of two years of successful conducting experience; preliminary audition recording; live audition and interview (if invited following review of preliminary recorded audition). For conduction audition details, visit pages.uoregon.edu/music/admission/docs/AudRequireCurrent_Grad.pdf. Supporting area applications for choral conducting are due December 10; all others apply during their first year of study.
Intermedia Music Technology	Intermedia music technology statement, intermedia music technology-related work summary; software-hardware experience; three portfolio recordings.
Jazz Studies (Instrumental Performance or Composition-Arranging)	Repertoire list; live audition. For jazz composition and arranging emphasis, submit two representative scores and recordings of arrangements and/or compositions for jazz ensemble. At least one of these pieces should be scored for a large ensemble (10 or more performers).
Multiple Woodwinds	Repertoire list; live audition. For audition details, visit pages.uoregon.edu/music/admission/docs/AudRequireCurrent_Grad.pdf.

Music Education	Résumé detailing evidence of at least two years of successful full-time music teaching experience in elementary or secondary public school or both; previous bachelor's and master's degrees from institutions accredited by the National Association of Schools of Music, at least one of which music be in music education; copies of concerts or programs conducted; a recent video recording of public school teaching and public school ensemble performances; and an on-campus interview with members of the music education faculty when visiting the UO for primary area
Musicology, Ethnomusicology, or Historical Performance Practice	Statement of purpose (describing reasons for wanting to enroll in this supporting area); two research or analysis papers in history or ethnomusicology. Optional: if nterested in historical performance practice, arrange an audition with the musicology faculty
Music Theory	Two scholarly writing samples exemplifying scholarship and ability to develop a single, coherent line of reasoning and ability to analyze tonal or atonal music or both; take the Preliminary Written Exam for Music Theory GTF (a written test designed to evaluate part-writing and analysis skills).
Performance	Repertoire list; live audition
Piano Pedagogy	Repertoire list; live audition
Violin and Viola Pedagogy	Résumé or curriculum vitae emphasizing teacher training and experience; statement of purpose (one to two pages describing (a) the applicant's experience with teaching and/or working with children ages preschool through high school, as well as students at the college level; (b) the applicant's experience in working a part of a team, on a music teaching staff or otherwise; and (c) the applicant's reason for wanting to enroll in this program and what motivates his or her desire to learn. This statement is in addition to the one requested for general admission); vdeo recording of teaching, preferably in both group and private string instruction settings, no less than 30 minutes in length (this requirement may be waived if the applicant has no prior teaching experience). Supporting area applications for violin and viola pedagogy are due December 10.

Entrance Examinations

Before their first term of enrollment, students who are admitted into a graduate music degree program must take entrance examinations in music theory and musicianship and musicology. These examinations are administered before each fall term during Week of Welcome. Students entering during winter, spring, or summer terms should work with the music graduate office to schedule these exams. Students who do not pass the examinations (or portions of them) must complete the appropriate review courses the first time they are offered. Students may elect not to take the musicology entrance exam and instead register for Music History Review (MUS413).

Master's Degree Requirements

In addition to the University of Oregon Graduate School's requirements for master's degrees, the School of Music and Dance has the following requirements. For additional information, contact the music graduate office or consult the *Procedures and Policies for Music Graduate Students* manual, which may be found on theGraduate Music Resources, Policies, and Forms (http://music.uoregon.edu/current-students/graduate-music/graduate-music-resources-policies-and-forms) website.

A minimum of 9 credits must be taken in 600- or 700-level courses and at least one-half of the required credits must be in courses intended for graduate students only. Degree candidates must complete a terminal project (e.g., recital, thesis, project), all of which must be archived in one of the following locations: Music Services in Knight Library, Scholars' Bank, ProQuest, or Cykler Music Education Library.

Master of Arts in Musicology

Performance Studies, at least three terms		6
Appropriate ensemble, at least three terms		3-6
MUS503	Thesis	9
MUS614	Introduction to Musicology	4
Select four of the following:		12

MUS660	Music in the Middle Ages	
MUS661	Music in the Renaissance	
MUS662	Music in the Baroque Era	
MUS663	Music in the Classical Period	
MUS664	Music in the Romantic Era	
MUS665	Music in the 20th Century	
MUS507 &MUS607	Seminar: [Topic] and Seminar: [Topic] (three seminars in Music History)	9-12
One graduate course in ethnomusicology		3-4
One course in music history/enthomusicology, theory, or approved area other than music		3-4
Total Credits		**49-57**

Language Requirement

Proficiency in a second language selected in consultation with an advisor. Language courses taken to satisfy this requirement may not be used to fulfill the 49 total graduate credits.

Additional Requirements

A final oral examination reviewing the thesis and degree course work.

Master of Arts in Music Theory

Performance Studies, at least three terms		6-12
Appropriate ensemble, at least three terms		3-6
MUS503	Thesis	9
MUS516–517	Post-Tonal Theory I-II	6
MUS530–531	Schenkerian Analysis	6
MUS611	Research Methods in Music	3
MUS633	Advanced Schenkerian Analysis	3
MUS634	Advanced Post-Tonal Theory	3
Select three of the following:		9-12
MUS533–535	Counterpoint	
MUS607	Seminar: [Topic] (Music Theory)	
Select two of the following:		6
MUS660	Music in the Middle Ages	
MUS661	Music in the Renaissance	
MUS662	Music in the Baroque Era	
MUS663	Music in the Classical Period	
MUS664	Music in the Romantic Era	
MUS665	Music in the 20th Century	
Total Credits		**54-66**

Language Requirement

Reading proficiency in a second language (usually German), demonstrated by two years of successful undergraduate study or bytwo courses of the German for Reading Knowledge sequence (German for Reading Knowledge (GER327), German for Reading Knowledge (GER328)). Language courses taken to satisfy this requirement may not be used to fulfill the 55 total graduate credits.

Additional Requirements

A final oral examination reviewing the thesis and degree course work.

Master of Music in Intermedia Music Technology

Two 500-level seminars or courses in music outside the music technology area, approved by an advisor		6-8
MUS550	SensorMusik	3
MUS570	History of Electroacoustic Music	3
MUS571	Musical Performance Networks	3
MUS609	Terminal Project	9
MUS611	Research Methods in Music	3
MUS645	Advanced Electronic Composition	18
MUS693	Oregon Electronic Device Orchestra	4
Two nonmusic courses, approved in advance by the advisor		6-8
Total Credits		**55-59**

Additional Requirements

- proficiency exam—a juried demonstration of the student's mastery of specific software (Pro Tools, Cubase, Peak, Kyma, and Max)
- technical exam—a four-hour written examination on theoretical aspects of music technology
- intermedia essay—a take-home exam during which an essay is written on artistic and aesthetic issues related to music technology and other arts. The essay is written after passing the proficiency and technical exams and is read by three faculty members
- final oral examination—reviewing the terminal project and degree course work

Master of Music in Music: Jazz Studies––Composition-Arranging Emphasis

MUJ583–584	Advanced Jazz Arranging I-II	6
MUJ605	Reading and Conference: [Topic] (Research Presentation Preparation)	4
MUS611	Research Methods in Music	3
MUE639	Pedagogy and Practicum: [Topic] (Jazz Studies)	3
MUJ660	Survey of Jazz Composition	3
MUJ661	Jazz Program Planning and Development	3
Select one of the following:		6-12
MUJ690	Jazz Laboratory Band III (six terms)	
MUJ691	Jazz Laboratory Band II (six terms)	
MUJ692	Oregon Jazz Ensemble (six terms)	
MUJ695	Small Jazz Ensemble: [Topic] (three terms)	3
At least four 500-level or above seminars or courses in music outside the jazz area [1,2]		12-16
Electives at the 500-level or above [3]		11
Total Credits		**54-64**

1. Individualized study and experimental courses do not fulfill this requirement.
2. Seminar and courses must by approved by advisor.
3. Choose electives in consultation with advisor.

Additional Requirements

- successful completion of the graduate jazz arranging barrier exam
- a recorded public recital or CD project of works composed under the guidance of a member of the jazz faculty and approved by the jazz studies committee
- a public lecture-presentation of independent research conducted under the guidance of a member of the jazz faculty
- a final oral examination with emphasis on jazz history, literature, and pedagogy

Both the recital-CD project and lecture-demonstration must have prior approval from the jazz studies committee.

Master of Music in Music: Jazz Studies––Instrumental Performance Emphasis

MUJ577–579	Advanced Jazz Repertoire I-III	9
MUS611	Research Methods in Music	3
MUE639	Pedagogy and Practicum: [Topic] (Jazz Studies)	3
MUJ661	Jazz Program Planning and Development	3
Jazz performance studies		12
Select one of the following:		3-6
MUJ690	Jazz Laboratory Band III (three terms)	
MUJ691	Jazz Laboratory Band II (three terms)	
MUJ692	Oregon Jazz Ensemble (three terms)	
MUJ695	Small Jazz Ensemble: [Topic] (six terms)	6
At least four 500-level or above seminars or courses in music outside the jazz area [1,2]		12-16
Electives at the 500-level or above [3]		3
Total Credits		**54-61**

1. Individualized study and experimental courses do not fulfill this requirement.
2. Seminar and courses must by approved by an advisor.
3. Choose electives in consultation with advisor.

Additional Requirements

- successful completion of the graduate jazz performance barrier exam
- a full-length, recorded public recital or CD project demonstrating mastery of jazz performance and showcasing creativity
- a public lecture-presentation of independent research conducted under the guidance of a member of the jazz faculty
- a final oral examination with emphasis on jazz history, literature, and pedagogy

Both the recital-CD project and lecture-demonstration must have prior approval from the jazz studies committee.

Master of Music in Music: Conducting––Choral Emphasis

Performance Studies: Voice, at least three terms		6
MUS607	Seminar: [Topic] (three terms of Advanced Choral Conducting)	6
MUS607	Seminar: [Topic] (two terms of Choral literature courses)	6
MUE609	Practicum: [Topic] (three terms)	6
Select one of the following:		6
MUS697	Chorus: [Topic] (three terms of Chamber Choir or University Singers)	
MUS611	Research Methods in Music	3
Select two of the following:		6
MUS661	Music in the Renaissance	
MUS662	Music in the Baroque Era	
MUS663	Music in the Classical Period	
MUS664	Music in the Romantic Era	
MUS665	Music in the 20th Century	
Select one of the following:		3
MUS607	Seminar: [Topic] (Master Class in Conducting associated with the Oregon Bach Festival)	
MUS680–682	Historical Performance Practices I-III	
Select one of the following:		3
MUS507	Seminar: [Topic] (Issues and Practices in Choral Music, Choral Techniques)	
MUE542	Teaching Singing in the Classroom	
MUE639	Pedagogy and Practicum: [Topic] (Choral Conducting)	
Electives in the area of emphasis, chosen in consultation with advisor		9
Total Credits		**54**

Residence Requirement

Three consecutive terms must be in residence, excluding summer sessions.

Additional Requirements

- final program portfolio
- as a culminating demonstration of professional capability in the major field, the student must conduct a juried, concert-length public performance or the equivalent
- piano proficiency examination
- a final oral examination that covers degree course work

Master of Music in Music: Conducting––Orchestral Emphasis

MUS510	Experimental Course: [Topic] (Score Reading)	3
MUS515	Advanced Aural Skills	3
orMUS524	Advanced Keyboard Harmony	
MUS611	Research Methods in Music	3
MUS624	Instrumental Conducting Laboratory (six terms)	12
MUS625	Orchestral Music: Bach to Beethoven	2
MUS626	Orchestral Music: 1825 to Modern	2
MUS629	Repertoire and Analysis	3
MUP Performance Studies (three terms)		6
Select two of the following:		6
MUS662	Music in the Baroque Era	
MUS663	Music in the Classical Period	

MUS664	Music in the Romantic Era	
MUS665	Music in the 20th Century	
MUS681	Historical Performance Practices II	3
orMUS682	Historical Performance Practices III	
Ensemble (three terms) [1]		6
Electives in the area of emphasis [2]		8
Total Credits		**57**

1 Ensemble must by approved by an advisor.

2 Choose electives in consultation with advisor.

Additional Requirements

- as a culminating demonstration of professional capability in the major field, the student must conduct a juried, concert-length public performance or the equivalent
- academic year in residence
- a final oral examination that covers degree course work
- a research paper dealing with some aspect of orchestral conducting

Master of Music in Music: Conducting––Wind Ensemble Emphasis

MUS611	Research Methods in Music	3
MUS620	Bibliography in Instrumental Conducting	3
MUS621–623	Wind Repertoire	9
MUS624	Instrumental Conducting Laboratory (three terms)	6
MUP641	Performance Studies: Piano (or above, three terms)	6
Select one of the following:		3
MUS660	Music in the Middle Ages	
MUS661	Music in the Renaissance	
MUS662	Music in the Baroque Era	
MUS663	Music in the Classical Period	
MUS664	Music in the Romantic Era	
MUS665	Music in the 20th Century	3
MUS695	Band: [Topic] (three terms of Wind Ensemble)	6
Electives in the area of emphasis, chosen in consultation with an advisor		12
Total Credits		**51**

Additional Requirements

- as a culminating demonstration of professional capability in the major field, the student must conduct a juried rehearsal and concert-length public performance or the equivalent
- academic year in residence
- a final oral examination that covers degree course work
- a research paper dealing with some aspect of wind ensemble conducting

Master of Music in Music: Piano Pedagogy

MUS650–652	Piano Literature	9
MUE571	Piano Pedagogy I: Teaching Beginners	3
MUE572	Piano Pedagogy II: Teaching Groups	2
MUE573	Piano Pedagogy III: Teaching Intermediate Levels	2
MUE591	Advanced Pedagogy	3
MUE609	Practicum: [Topic] (three terms)	3
MUS611	Research Methods in Music	3
MUP641	Performance Studies: Piano (or above) [1]	12
Appropriate ensemble, at least three terms		3-6
500-level or above seminars or courses in music history, theory, or literature		6
Music electives at the 500-level or above [2]		3
MUE601	Research: [Topic] (Final Project) [3]	3
Total Credits		**52-55**

1 Minimum of 12 credits.

2 Choose electives in consultation with advisor.

3 Project and recital of at least thirty minutes of music performance. (If pursuing concurrent piano performance degree, lecture-demonstration in lieu of recital.)

Additional Requirement

A final oral examination reviewing the project and degree course work.

Master of Music in Music Composition

Appropriate ensemble, at least three terms		3-6
MUS516	Post-Tonal Theory I	3
Select one of the following:		3
MUS517	Post-Tonal Theory II	
MUS531	Schenkerian Analysis	
MUS634	Advanced Post-Tonal Theory	
MUS530	Schenkerian Analysis	3
MUS533–535	Counterpoint	12
MUS538	Composers Forum (at least four terms)	4
Select one of the following:		3-4
MUS547	Digital Audio and Sound Design	
MUS548	Interactive Media Performance	
MUS645	Advanced Electronic Composition	
Select one of the following:		4
MUS551	Introduction to Ethnomusicology	
MUS552	Musical Instruments of the World	
MUS553	Folk Music of the Balkans	
MUS554	Music of India	
MUS590	Balinese Gamelan (two terms)	
MUS605	Reading and Conference: [Topic] (Thesis Proposal)	1
MUS611	Research Methods in Music	3
MUS640–642	Advanced Composition Studies (two years of sequence)	18
Select one of the following:		3
MUS660	Music in the Middle Ages	
MUS661	Music in the Renaissance	
MUS662	Music in the Baroque Era	
MUS663	Music in the Classical Period	
MUS664	Music in the Romantic Era	

MUS665	Music in the 20th Century	3
MUS503	Thesis [1]	9
Total Credits		**72-76**

1. A composition of substantial dimension, composed under the guidance of a member of the music composition faculty, performed and recorded on campus.

Additional Requirements

- proficiency in notation
- proficiency in orchestration
- proficiency in piano at level of MUP271 Performance Studies: Piano or proficiency inPerformance Studies: Piano (MUP171) and proficiency in another instrument or in Performance Studies: Voice (MUP174) or above
- public performance—usually a graduate recital lasting fifty minutes—of works composed under the guidance of a composition faculty member
- final oral examination reviewing the thesis and degree course work

Master of Music in Music Education

Candidates are required to establish an area of emphasis among the following:

- Choral music education (voice and piano must be used)
- Elementary general music education (voice and piano must be used)
- Instrumental music education: band (traditional wind or percussion instruments must be used)
- Instrumental music education: orchestra (violin, viola, cello, or double bass must be used)

MUE613	Research Methods in Music Education	3
MUE632	Music in School and Society	3
MUE638	Curricular Strategies in Music Education	3
Select one of the following:		3
MUS660	Music in the Middle Ages	
MUS661	Music in the Renaissance	
MUS662	Music in the Baroque Era	
MUS663	Music in the Classical Period	
MUS664	Music in the Romantic Era	
MUS665	Music in the 20th Century	
500-level or above music history of theory course		3-4
500-level or above music education courses in area of emphasis [1]		12
600-level or above courses [2]		6
Ensemble, three terms [1]		3-6
Performance Studies, three terms [1]		6-12
Electives [2]		6
Select one of the following:		
MUE503	Thesis (and oral examination) [3]	
Major project of course work and oral examination [3,4]		
Major project of recital and oral examination [3,5]		
Total Credits		**48-58**

1. Chosen in consultation with advisor.
2. Suggested courses: Administration of School Music (MUE 636), Law and Governance (EDLD 627), or other courses approved by the advisor.
3. Oral examination covers all music education course work.
4. Course work is 6 credits of Research: [Topic] (MUE601).
5. Requires enrollment inPerformance Studies: Piano (MUP641) through Performance Studies: Percussion (MUP661) or above. During term of recital, must be enrolled in Performance Studies.

Additional Requirements

As needed, courses in expository writing.

Master of Music in Music Performance

Options are available in bassoon, cello, clarinet, collaborative piano,euphonium, flute, horn, oboe, percussion, piano pedagogy and performance, solo piano, saxophone, trombone, trumpet, tuba, viola, violin, and voice.

MUS611	Research Methods in Music	3
Performance Studies [1,2,3]		12
Appropriate ensemble, at least three terms [4]		3-6
MUS691	Collegium Musicum [2]	1
Select one of the following:		3
MUS660	Music in the Middle Ages	
MUS661	Music in the Renaissance	
MUS662	Music in the Baroque Era	
MUS663	Music in the Classical Period	
MUS664	Music in the Romantic Era	
MUS665	Music in the 20th Century	
500-level or above music theory course		3-4
600-level or above course in musicology/ethnomusicology or theory [5]		3-4
500-level or above course in musicology/ethnomusicology, theory, or literature [5]		3-4
Electives, approved by an advisor		17
Total Credits		**48-54**

1. MUP670 Performance Studies: Piano Accompanying through MUP691 Performance Studies: Percussion
2. During the term of the public recital, enroll in Performance Studies: Piano Accompanying (MUP670) through Performance Studies: Percussion (MUP691). For procedures, consult advisor.
3. Concurrent enrollment in a band, chorus, or orchestra ensemble is required, even if the ensemble requirement for the program is completed.
4. Exception is collaborative piano option.
5. Exceptions are collaborative piano and voice options.

Ensemble Requirements

Before each fall term, students must audition for ensemble placement. Students entering winter and spring terms audition at the time of entrance. Factors for placement include the student's preference, level of ability, major performance medium, educational and musical needs, and the needs of the school's ensembles.

- Instrumental ensemble options: University Symphony Orchestra,Oregon Wind Ensemble, Oregon Symphonic Band
- Voice ensemble options: University Singers, Chamber Choir, Repertoire Singers,Opera Ensemble, Women's Choir
- Students studying piano, collaborative piano, harpsichord, organ, harp, or classical guitar may enroll in one of the following courses instead of large conducted ensembles:

MUS521–523	The Collaborative Pianist	6
MUS605	Reading and Conference: [Topic]	1-4
MUS691	Collegium Musicum	1-3
MUS694	Chamber Ensemble: [Topic]	1

Options for Music Performance Majors and Associated Requirements

Options are available in bassoon, cello, clarinet, euphonium, flute, harp, harpsichord, horn, multiple woodwinds or brass, oboe, organ, percussion, collaborative piano, solo piano, saxophone, double bass, trombone, trumpet, tuba, viola, violin, violin and viola performance and pedagogy, voice.

Additional Requirements

Final oral examination with emphasis on history, literature, and pedagogy of the primary performance medium.

Additional Requirements for Selected Options

Harpsichord

MUS605	Reading and Conference: [Topic] (Harpsichord Literature)	3
MUS650	Piano Literature	3

Multiple Woodwind or Brass Instruments

MUS605	Reading and Conference: [Topic] (Wind Instrument Music)	3
Performance Studies, at least 3 credits in each secondary instrument [1]		6
MUE639	Pedagogy and Practicum: [Topic] (Woodwinds or Brass)	3

1 MUP621 Performance Studies: Flute through MUP630 Performance Studies: Tuba.

Additional Requirements

- Public recital of both solo and ensemble music on the primary instrument, and performance of a substantial composition on each of the two secondary instruments during a public student recital
- final oral examination with emphasis on history, literature, and pedagogy of the primary and secondary instruments

Organ

MUS605	Reading and Conference: [Topic] (Organ Literature)	1-4
MUE639	Pedagogy and Practicum: [Topic] (Organ)	3

Percussion

Percussion master class course, concurrent with performance study	3-6

Piano

MUS650–652	Piano Literature	9

Collaborative Piano

MUS155–156	Introduction to Lyric Diction	4
MUS521–523	The Collaborative Pianist	6
MUS567–568	Solo Vocal Music	6
MUS605	Reading and Conference: [Topic]	2
MUP671	Performance Studies: Piano	4
MUS694	Chamber Ensemble: [Topic] (four terms)	4
Electives, approved by an advisor		24
Total Credits		**50**

Additional Requirements

Two public recitals: consult an advisor for procedures.

Violin and Viola Performance and Pedagogy

MUE528	Music for Early Childhood	3
MUE530	Music Classroom Management	3
MUE559	Suzuki Pedagogy I	3
MUE560	Suzuki Pedagogy II	3
MUE561	Suzuki Pedagogy III	3
MUE562	Suzuki Pedagogy IV	3
MUE563	Pedagogy Methods: Violin and Viola	2
MUE609	Practicum: [Topic] (five terms, CMI Preparation and Teaching)	5

Voice

MUS555–556	Lyric Diction	6
MUS567–568	Solo Vocal Music	6
MUS574–575	History of Opera	8
MUE639	Pedagogy and Practicum: [Topic] (Voice)	3
Electives, approved by an advisor		31
Total Credits		**54**

Additional Requirements

One year of college study in each of the following languages: Italian, French, German.

Doctoral Degree Requirements

In addition to the Graduate School's requirements for doctoral degrees, the School of Music and Dance has the following core and general requirements. For additional information, contact the music graduate office or consult the *Procedures and Policies for Music Graduate Students* manual, which may be found on theGraduate Music Resources,

Policies, and Forms (http://music.uoregon.edu/current-students/graduate-music/graduate-music-resources-policies-and-forms) website.

At least one-half of the required credits must be in courses intended for graduate students only.

Doctor of Musical Arts Core Courses

MUS607	Seminar: [Topic] (Lecture-Document Organization)	2
MUS611	Research Methods in Music	3
MUS629	Repertoire and Analysis	3
MUE641	College Music Teaching	3
Select two of the following:		6
MUS660	Music in the Middle Ages	
MUS661	Music in the Renaissance	
MUS662	Music in the Baroque Era	
MUS663	Music in the Classical Period	
MUS664	Music in the Romantic Era	
MUS665	Music in the 20th Century	
Total Credits		**17**

Doctor of Philosophy Core Courses

MUS611	Research Methods in Music	3
MUS629	Repertoire and Analysis [1]	3
MUE641	College Music Teaching	3
Select two of the following:		6
MUS660	Music in the Middle Ages	
MUS661	Music in the Renaissance	
MUS662	Music in the Baroque Era	
MUS663	Music in the Classical Period	
MUS664	Music in the Romantic Era	
MUS665	Music in the 20th Century [2]	
Total Credits		**15**

1 Students with a primary or supporting area in music theory are exempt from MUS 629.

2 Students with a primary or supporting area in composition must take Music in the 20th Century (MUS665).

General Degree Requirements

Other courses. Eight credits of nonmusic courses (excluding basic language courses taken to fulfill the language requirement) chosen in consultation with the faculty advisor. Students in the DMA program in music performance (collaborative piano option) must take courses in art history to fulfill this requirement. Students in the PhD program in music education are exempt from this requirement.

Ensemble. After conditional admission, students with a primary or supporting area in piano performance must enroll in three terms of piano accompaniment courses (The Collaborative Pianist (MUS521), The Collaborative Pianist (MUS522), The Collaborative Pianist (MUS523)). Students with a primary area in music performance (collaborative piano option) must enroll in three terms of chamber ensemble accompanment courses—Chamber Ensemble: [Topic] (MUS694). Students with a primary or supporting area in voice, wind, string, or percussion performance must enroll in three consecutive terms of band, chorus, or orchestra, and they must audition for ensemble placement before each fall term. Students with a primary area in voice may substitute Opera Workshop (MUS698) for chorus.

In making assignments, a faculty auditioning committee and the performance instructors give priority to the University Symphony Orchestra, University Singers, Chamber Choir, and Oregon Wind Ensemble. Assignments take into account the student's preference, level of ability, major performance medium, educational and musical needs, and the needs of the school's ensembles.

Language. PhD candidates, except those in music education, must demonstrate proficiency in a second and third language, usually chosen from French, German, and Italian. DMA candidates must demonstrate proficiency in a second language, usually French, German, or Italian. Students with a primary or supporting area in voice must complete two years of college study in French, German, or Italian and one year of college study in each of the other two.

Specific Area Requirements

In addition to the degree requirements of the Graduate School and the School of Music and Dance for doctoral degrees referenced above, the following are specific requirements for primary and supporting areas. Ifapproved by the supporting area advisor, courses used to fulfill primary requirements may also be used to fulfill supporting area requirements.

Doctor of Musical Arts in Music Composition––Primary Area

Primary area requirements are the same for the PhD and DMA degrees except for the choice of supporting area. PhD candidates choose from intermedia music technology, ethnomusicology, music education,music theory, ormusicology. DMA candidates choose from collaborative piano, choral conducting, jazz studies, multiple woodwinds, music performance, orchestral conducting, piano pedagogy, violin and viola pedagogy, or wind ensemble conducting.

MUS516	Post-Tonal Theory I	3
Select one of the following:		3
MUS517	Post-Tonal Theory II	
MUS531	Schenkerian Analysis	
MUS634	Advanced Post-Tonal Theory	
MUS530	Schenkerian Analysis	3
MUS533–535	Counterpoint	12
MUS538	Composers Forum (at least four terms)	4
Select one of the following:		3-4
MUS547	Digital Audio and Sound Design	
MUS548	Interactive Media Performance	
MUS645	Advanced Electronic Composition	
Select one of the following:		2-4
MUS551	Introduction to Ethnomusicology	
MUS552	Musical Instruments of the World	
MUS553	Folk Music of the Balkans	
MUS554	Music of India	
MUS590	Balinese Gamelan (two terms)	
500- or 600-level seminar or course in musicology/ethnomusicology or theory		3-4
MUS603	Dissertation [1]	18

MUS605	Reading and Conference: [Topic] (Composition Dissertation Proposal) [1]	1
MUE639	Pedagogy and Practicum: [Topic] (Composition)	3
MUS640–642	Advanced Composition Studies (two sequences)	18
Total Credits		**75-77**

1 Summer session enrollment requires advisor's consent.

Note: Candidates must take MUS665 Music in the 20th Century as one of the two period survey courses in the core requirements (p. 668). (See Doctor of Philosophy Core Courses, which are listed elsewhere in this catalog.)

Additional Requirements

- proficiency in notation
- proficiency in orchestration
- public performance (60-minute minimum) of compositions completed during doctoral study that have been approved by the music composition faculty—performance on the University of Oregon campus
- reading and recording of the dissertation

Doctor of Musical Arts in Music Performance––Primary Area

Options are available in bassoon, cello, clarinet, collaborative piano, data-driven instruments,euphonium, flute, horn, oboe, percussion, piano pedagogy and performance, solo piano, saxophone, trombone, trumpet, tuba, viola, violin, and voice.

Two or more seminars or courses in musicology-ethnomusicology or theory at the graduate level		6
MUE639	Pedagogy and Practicum: [Topic]	3
Performance studies, six terms [1]		24
MUS601	Research: [Topic] (Lecture-Document) [2,3]	6,18
orMUS603	Dissertation	
MUS607	Seminar: [Topic] (Lecture-Document Organization)	1-5
MUS650–652	Piano Literature [4]	9
Total Credits		**49-65**

1 Performance Studies: Collaborative Piano (MUP770) through Performance Studies: Percussion (MUP791).

2 DMA students may complete either option.

3 Summer session enrollment requires advisor's consent.

4 Piano students only.

Additional Requirement

Three public performances (subject to prerecital approval by faculty jury) on the University of Oregon campus, including one solo recital.

In addition, students in the collaborative piano option must meet the following requirements:

Collaborative Piano Option

MUS555–556	Lyric Diction	6
MUS567–568	Solo Vocal Music	6
MUS574	History of Opera	4
orMUS575	History of Opera	
MUP612	Performance Studies: Harpsichord [1]	2
MUS691	Collegium Musicum (one term)	3
MUS694	Chamber Ensemble: [Topic] (Accompanying) (3 terms) [2]	3
Two art history courses [3]		8

1 Must be taken prior to Collegium Musicum (MUS691).

2 Fulfills ensemble requirement.

3 Fulfills nonmusic courses.

Piano Performance and Pedagogy Option

MUE528	Music for Early Childhood	3
MUE547	Psychology of Music	3
MUE571	Piano Pedagogy I: Teaching Beginners	3
MUE572	Piano Pedagogy II: Teaching Groups	2
MUE573	Piano Pedagogy III: Teaching Intermediate Levels	2
MUE591	Advanced Pedagogy	3
MUE639	Pedagogy and Practicum: [Topic] (Piano Pedagogy and Practicum II)	3
MUE639	Pedagogy and Practicum: [Topic] (Piano Pedagogy and Practicum III)	3

Data-Driven Instruments Option

MUS550	SensorMusik	3
MUS570	History of Electroacoustic Music	3
MUS571	Musical Performance Networks	3

Doctor of Philosophy in Music Composition––Primary Area

Primary-area requirements are the same for the PhD and DMA degrees except for the choice of supporting area. PhD candidates choose from intermedia music technology, ethnomusicology, music education, music theory, ormusicology. DMA candidates choose from collaborative piano, choral conducting, jazz studies, multiple woodwinds, music performance, orchestral conducting, piano pedagogy, violin and viola pedagogy, or wind ensemble conducting.

MUS516	Post-Tonal Theory I	3
Select one of the following:		3
MUS517	Post-Tonal Theory II	
MUS531	Schenkerian Analysis	
MUS634	Advanced Post-Tonal Theory	
MUS530	Schenkerian Analysis	3
MUS533–535	Counterpoint	12
MUS538	Composers Forum (at least four terms)	4
Select one of the following:		3-4
MUS547	Digital Audio and Sound Design	
MUS548	Interactive Media Performance	

MUS645	Advanced Electronic Composition	
Select one of the following:		2-4
MUS551	Introduction to Ethnomusicology	
MUS552	Musical Instruments of the World	
MUS553	Folk Music of the Balkans	
MUS554	Music of India	
MUS590	Balinese Gamelan (two terms)	
500- or 600-level seminar or course in musicology/ ethnomusicology or theory		3-4
MUS603	Dissertation [1]	18
MUS605	Reading and Conference: [Topic] (Dissertation Proposal) [1]	1
MUE639	Pedagogy and Practicum: [Topic] (Composition)	3
MUS640–642	Advanced Composition Studies (two sequences)	18
Total Credits		**75-77**

1 Summer session enrollment requires advisor's consent.

Note: Candidates must takeMUS665 Music in the 20th Centuryas one of the two period survey courses in thecore requirements (p. 668). (See Doctor of Philosophy Core Courses.)

Additional Requirements

- proficiency in notation
- proficiency in orchestration
- public performance (60-minute minimum) of compositions completed during doctoral study that have been approved by the music composition faculty—performance on the University of Oregon campus
- reading and recording of the dissertation

Doctor of Philosophy in Music Education––Primary Area

MUE601	Research: [Topic] [1]	3-6
MUE603	Dissertation [1]	18
MUE613	Research Methods in Music Education	3
MUE632	Music in School and Society	3
MUE638	Curricular Strategies in Music Education	3
Qualitative research methods		3-4
Quantitative research methods		3-4
Music education research readings (seminar)		3
Additional graduate MUE courses in specialty area to be chosen in consultation with advisor		6
Total Credits		**45-50**

1 Summer session enrollment requires advisor's consent.

Note: Candidates are exempt from nonmusiccourse requirements (p. 668)and core languagecourse requirements (p. 668).

Additional Requirement

A minimum of two consecutive academic years (not including summer sessions) in residency at the University of Oregon.

Doctor of Philosophy in Music Theory––Primary Area

Select three of the following:		8-12
MUS507	Seminar: [Topic]	
MUS524	Advanced Keyboard Harmony	
MUS533	Counterpoint	
MUS534	Counterpoint	
MUS535	Counterpoint	
MUS516–517	Post-Tonal Theory I-II	6
Three music theory seminars		9
MUS530–531	Schenkerian Analysis	6
MUE639	Pedagogy and Practicum: [Topic] (Music Theory)	3
MUS603	Dissertation [1]	18
MUS630–632	History of Theory I-III	9
MUS633	Advanced Schenkerian Analysis	3
MUS634	Advanced Post-Tonal Theory	3
Total Credits		**65-69**

1 Available during summer session only with advisor's consent.

Note: Students with a primary area in music theory are exempt fromMUS629 Repertoire and Analysis.

Additional Requirement

One public lecture (subject to faculty approval) on the University of Oregon campus.

Doctor of Philosophy in Musicology––Primary Area

Select two of the following:		6
MUS530	Schenkerian Analysis	
MUS531	Schenkerian Analysis	
MUS630	History of Theory I	
MUS631	History of Theory II	
MUS632	History of Theory III	
MUS633	Advanced Schenkerian Analysis	
MUS551	Introduction to Ethnomusicology	4
MUS603	Dissertation [1]	18
MUS614	Introduction to Musicology	4
Five music history seminars (at least one 607)		15-20
MUE639	Pedagogy and Practicum: [Topic] (Musicology)	3
MUS643	Notation of Medieval and Renaissance Music	3
Select one of the following:		3
MUS680	Historical Performance Practices I	
MUS681	Historical Performance Practices II	
MUS682	Historical Performance Practices III	
MUS691	Collegium Musicum	1
Total Credits		**57-62**

1 Available during summer session only with advisor's consent.

Additional Requirements

- consult with advisor and develop a plan to remedy any deficiencies and prepare for comprehensive examinations (no credit earned for this preparation)
- one public lecture (subject to faculty approval) given on the University of Oregon campus

Supporting Area Options

Supporting area options include arts administration, collaborative piano, choral conducting, ethnomusicology,independent research, intermedia music technology,jazz studies, multiple woodwinds, music education,music performance, music theory,musicology,orchestral conducting, piano pedagogy, violin and viola pedagogy, or wind ensemble conducting.

Arts Administration––Supporting Area

Offered through the School of Architecture and Allied Arts.

AAD550	Art in Society	4
AAD562	Cultural Policy	4
AAD571	Performing Arts Management	4
AAD572	Artistic Administration in the Performing Arts	4
AAD601	Research: [Topic]	3
AAD609	Practicum: [Topic]	3
AAD610	Experimental Course: [Topic] (Arts Marketing, Media, and Communications)	8
AAD612	Cultural Administration	4
Capstone synthesis or research paper and public presentation		

Choral Conducting––Supporting Area

MUE602	Supervised College Teaching (Music)	3
MUS607	Seminar: [Topic] (Choral Conducting (three terms))	6
MUS607	Seminar: [Topic] (Choral Literature (two terms))	6
Select two of the following:		6
MUS607	Seminar: [Topic] (Master Class: Oregon Bach Festival)	
MUS680	Historical Performance Practices I	
MUS681	Historical Performance Practices II	
MUS682	Historical Performance Practices III	
MUE609	Practicum: [Topic]	2
MUP614	Performance Studies: Voice (three terms)	6-12
orMUP644	Performance Studies: Voice	
MUE639	Pedagogy and Practicum: [Topic] (Conducting)	3
MUS697	Chorus: [Topic] (Chamber Choir or University Singers) (three terms)	6
Total Credits		**38-44**

Additional Requirements

- piano proficiency demonstrated by examination
- one public choral conducting performance (faculty approval required)
- diction proficiency in French, German, Italian, and Latin, which may be demonstrated by successfully completingLyric Diction (MUS555–556)or by examination

Collaborative Piano––Supporting Area: Instrumental Emphasis

Both options require a 60-minute public recital, which may show either vocal or instrumental emphasis, though both must be represented. The student must enroll in Performance Studies: Piano Accompanying (MUP670) the term before and the term of the degree recital. The recital must be performed on the University of Oregon campus.

MUS155–156	Introduction to Lyric Diction	4
MUS521–523	The Collaborative Pianist	6
MUS605	Reading and Conference: [Topic] (Instrumental Duo)	2
MUE639	Pedagogy and Practicum: [Topic] (Piano Accompaniment)	3
MUP670	Performance Studies: Piano Accompanying (at least three terms)	9
MUS694	Chamber Ensemble: [Topic] (at least four terms)	4
Total Credits		**28**

Collaborative Piano––Supporting Area: Vocal Emphasis

MUS155–156	Introduction to Lyric Diction	4
MUS521–523	The Collaborative Pianist	6
Select one of the following:		6-7
Option 1		
MUS567–568	Solo Vocal Music (two terms)	
Option 2		
MUS567–568	Solo Vocal Music	
MUS574–575	History of Opera	
MUE639	Pedagogy and Practicum: [Topic] (Piano Accompaniment)	3
MUP670	Performance Studies: Piano Accompanying (at least three terms)	9
Total Credits		**28-29**

Ethnomusicology––Supporting Area

MUS551	Introduction to Ethnomusicology	4
Select at least four of the following:		16
MUS507	Seminar: [Topic] (on a topic in ethnomusicology)	
MUS508	Workshop: [Topic] (on a topic in ethnomusicology)	
MUS552	Musical Instruments of the World	
MUS553	Folk Music of the Balkans	
MUS554	Music of India	
MUS558	Celtic Music	
MUS560	Music and Gender	
MUS562	Popular Musics in the African Diaspora	
MUS605	Reading and Conference: [Topic] [1]	

MUS610	Experimental Course: [Topic] (Andean Music Ensemble)	
Select one course listed above or from outside the School of Music and Dance (e.g., anthropology, folklore) in consultation with advisor		4
MUE639	Pedagogy and Practicum: [Topic] (Ethnomusicology) [2]	3
Total Credits		**27**

1 Available during summer session only with advisor's consent.

2 If primary area is musicology, not required.

Historical Performance Practice––Supporting Area

One art history course chosen in consultation with advisor		4
MUS533	Counterpoint	4
orMUS534	Counterpoint	
MUS607	Seminar: [Topic] (Rhetoric in Music)	4
MUS614	Introduction to Musicology	4
MUS630	History of Theory I	3
orMUS631	History of Theory II	
MUE639	Pedagogy and Practicum: [Topic]	3
MUS643	Notation of Medieval and Renaissance Music	3
MUS660	Music in the Middle Ages	3
MUS661	Music in the Renaissance	3
MUS662	Music in the Baroque Era	3
MUS663	Music in the Classical Period	3
Select two of the following:		6
MUS680	Historical Performance Practices I	
MUS681	Historical Performance Practices II	
MUS682	Historical Performance Practices III	
MUS691	Collegium Musicum (at least four terms)	4
One undergraduate or graduate course or seminar in English, French, German, Italian, Latin, or Spanish literature before 1800, chosen in consultation with advisor		3-4
Proficiency in performance studies courses		
Total Credits		**50-51**

Individualized Study––Supporting Area

Student must provide a statement describing the focus and goals, including a list of the courses[1] and an approval page signed by one music faculty member who agrees to serve as the advisor.[2]

1 A minimum of 24 graduate credits in music or outside of music, or a combination, including at least four regularly scheduled courses (i.e., not individualized study, studio lessons, ensemble or experimental courses).

2 The primary area advisor *may not* also serve as the supporting area advisor. However, if the focus of the supporting area is primarily outside of music, the plan of study must be approved by both a music faculty member who serves as coordinator (and may be the primary area advisor) and a faculty member from outside of music, who serves as the supporting area advisor.

Intermedia Music Technology––Supporting Area

MUS446	Computer Music Applications: [Topic]	3
MUS547	Digital Audio and Sound Design	4
MUS548	Interactive Media Performance	3
MUS645	Advanced Electronic Composition (three terms)	9
MUE639	Pedagogy and Practicum: [Topic] (Intermedia Music Technology)	3
Additional course in consultation with the advisor		
Total Credits		**22**

Additional Requirement

A final lecture-recital.

Jazz Studies––Supporting Area: Jazz Arranging Option

Select one of the following:		9
MUJ580–582	Jazz Arranging I-III	
MUJ583–585	Advanced Jazz Arranging I-III	
MUE639	Pedagogy and Practicum: [Topic] (Jazz Studies)	3
MUJ660	Survey of Jazz Composition	3
MUJ692	Oregon Jazz Ensemble (three terms)	3
orMUJ690–691	Jazz Laboratory Band III-II	
Total Credits		**18**

Additional Requirements

- a recorded public recital and recording or CD project of works composed under the guidance of a member of the jazz faculty and approved by the jazz studies committee
- final comprehensive examination

Jazz Studies––Supporting Area: Jazz Performance Option

Select one of the following:		9
MUJ574–576	Jazz Repertoire I-III	
MUJ577–579	Advanced Jazz Repertoire I-III	
MUE639	Pedagogy and Practicum: [Topic] (Jazz Studies)	3
Performance Studies, jazz only [1]		12
MUJ695	Small Jazz Ensemble: [Topic] (three terms)	3
Total Credits		**27**

1 Performance Studies: Piano Accompanying (MUP670) through Performance Studies: Percussion (MUP691).

Additional Requirements

- a full-length, recorded public recital or CD project demonstrating mastery of jazz performance and showcasing creativity, under the guidance of a member of the jazz faculty and approved by the jazz studies committee
- final comprehensive examination

Multiple Woodwinds––Supporting Area

Performance Studies, select one of the following: [1,2]		12-24
Option 1		
MUP621	Performance Studies: Flute	
MUP622	Performance Studies: Oboe	
MUP623	Performance Studies: Clarinet	
MUP624	Performance Studies: Saxophone	
MUP625	Performance Studies: Bassoon	
Option 2		
MUP651	Performance Studies: Flute	
MUP652	Performance Studies: Oboe	
MUP653	Performance Studies: Clarinet	
MUP654	Performance Studies: Saxophone	
MUP655	Performance Studies: Bassoon	
MUS605	Reading and Conference: [Topic] [3,4]	6
MUE639	Pedagogy and Practicum: [Topic] (Multiple Woodwinds)	3
Total Credits		**21-33**

1. Performance studies in two secondary woodwind instruments chosen from flute, oboe, clarinet, saxophone, and bassoon, three terms each over two years.
2. Ajuried performance of a sonata or concerto from the standard repertoire and a chamber piece that includes the secondary woodwind instrument that was studied; literature selected in consultation with the faculty member teaching the instrument
3. One course for each secondary instrument covering the history and literature of that instrument. These courses are designed to suit the needs of the student by the faculty advisor for that area.
4. Available during summer session only with advisor's consent.

Additional Requirements

End-of-term juried performances for members of the faculty on each of the two supporting instruments as follows:

1. two during the first year on one instrument
2. two during the second year on the second instrument
3. final end-of-term juried performance of both woodwinds

Music Composition––Supporting Area

MUS533–535	Counterpoint	12
MUS538	Composers Forum (four terms)	4
MUE639	Pedagogy and Practicum: [Topic] (Composition)	3
MUS640–642	Advanced Composition Studies (four terms)	12
Total Credits		**31**

Note: Candidates must takeMUS665 Music in the 20th Centuryas one of the two period survey courses in thecore requirements (p. 668).

Additional Requirements

- proficiency in notation
- proficiency in orchestration
- public performance (30-minute minimum) of music compositions completed during doctoral study that have been approved by the music composition faculty—must be presented on the University of Oregon campus

Music Education––Supporting Area

Statistical methods (for list of appropriate courses, see advisor), one term		3
MUE613	Research Methods in Music Education	3
MUE639	Pedagogy and Practicum: [Topic] (Music Education)	3
Additional graduate MUE courses chosen in consultation with advisor		9
Performance Studies, three terms		6-12
Total Credits		**24-30**

Music Performance––Supporting Area

MUE639	Pedagogy and Practicum: [Topic]	3
Performance Studies, three terms [1]		12
Large ensemble, three terms		6

1. MUP741 Performance Studies: Piano through MUP761 Performance Studies: Percussion, with the exception of the collaborative piano option.

Additional Requirement

Two public performances (subject to prerecital approval by faculty hearing) on the University of Oregon campus. One must be a solo recital, with the exception of the collaborative piano option.

Collaborative Piano Option––Instrumental Emphasis

MUP670	Performance Studies: Piano Accompanying (at least 3 terms)	9
MUS694	Chamber Ensemble: [Topic] (three terms) [1]	3
MUS605	Reading and Conference: [Topic] (Instrumental Duo or)	1-4
Lyric diction proficiency (to be met by passing MUS155 and MUS156, Introduction to Lyric Diction, or the equivalent)		

1. Fulfills core requirement for ensemble.
2. Fulfills core requirement (p. 658) for nonmusic courses.

Additional Requirement

A 60-minute public recital (subject to prerecital approval by faculty hearing) on the University of Oregon campus.

Collaborative Piano Option––Vocal Emphasis

Choose either	
MUS567	Solo Vocal Music
MUS568	Solo Vocal Music
or	
MUS574	History of Opera
MUS575	History of Opera

Lyric Diction Proficiency (to be met by passing MUS155 and MUS156 Intro to Lyric Diction, or the equivalent)

Additional Requirement

A 60-minute public recital (subject to prerecital approval by faculty hearing) on the University of Oregon campus.

Solo Piano Option

MUS650–652	Piano Literature	9

Music Theory––Supporting Area

Select four of the following:		12
MUS516	Post-Tonal Theory I	
MUS517	Post-Tonal Theory II	
MUS530	Schenkerian Analysis	
MUS531	Schenkerian Analysis	
MUS633	Advanced Schenkerian Analysis	
MUS634	Advanced Post-Tonal Theory	
Select at least three of the following:		8-12
Seminars: Advanced Keyboard Harmony		
MUS533	Counterpoint	
MUS534	Counterpoint	
MUS535	Counterpoint	
MUE639	Pedagogy and Practicum: [Topic] (Music Theory)	3
In addition to primary area requirements, at least one graduate-level course or seminar in musicology-ethnomusicology or music theory		3-4
Total Credits		**26-31**

Note: Candidates are exempt fromMUS629 Repertoire and Analysisincore requirements (p. 668).

Musicology––Supporting Area

MUS551	Introduction to Ethnomusicology	4
MUS614	Introduction to Musicology	4
MUE639	Pedagogy and Practicum: [Topic] (Musicology)	3
MUS660	Music in the Middle Ages	3
MUS665	Music in the 20th Century	3
MUS507 &MUS607	Seminar: [Topic] and Seminar: [Topic]	3-4
Select one of the following:		3-4
MUS553	Folk Music of the Balkans	
MUS554	Music of India	
MUS560	Music and Gender	
MUS574	History of Opera	
orMUS575	History of Opera	
MUS661	Music in the Renaissance	
MUS662	Music in the Baroque Era	
MUS663	Music in the Classical Period	
MUS664	Music in the Romantic Era	
MUS680	Historical Performance Practices I	
MUS681	Historical Performance Practices II	
MUS682	Historical Performance Practices III	
Seminar in jazz		
Other course approved by the advisor		
Total Credits		**23-25**

Orchestral Conducting––Supporting Area

MUS620	Bibliography in Instrumental Conducting	3
MUS624	Instrumental Conducting Laboratory (three terms)	6
MUE639	Pedagogy and Practicum: [Topic] (Conducting)	3
MUS625	Orchestral Music: Bach to Beethoven	2
MUS626	Orchestral Music: 1825 to Modern	2
MUS681	Historical Performance Practices II	3
orMUS682	Historical Performance Practices III	
Ensemble approved by advisor		3-6
Performance Studies, three terms [1]		6-12
Total Credits		**28-37**

[1] MUP611 Performance Studies: Piano through MUP791 Performance Studies: Percussion

Additional Requirement

A juried rehearsal and a juried conducting performance in addition to those required at master's level.

Piano Pedagogy––Supporting Area

MUE571	Piano Pedagogy I: Teaching Beginners	3
MUE572	Piano Pedagogy II: Teaching Groups	2
MUE573	Piano Pedagogy III: Teaching Intermediate Levels	2
MUE609	Practicum: [Topic] (three terms)	3
MUE639	Pedagogy and Practicum: [Topic] (Piano Pedagogy)	3
MUP641 (or above) Performance Studies: Piano		12
Total Credits		**25**

Additional Requirement

If primary area is other than piano performance, asolo 30-minute piano recital (subject to prerecital approval by faculty hearing) on the University of Oregon campus.

Violin and Viola Pedagogy––Supporting Area

MUE528	Music for Early Childhood	3
MUE530	Music Classroom Management (or other course approved by advisor)	3
MUE559	Suzuki Pedagogy I	3
MUE560	Suzuki Pedagogy II	3
MUE561	Suzuki Pedagogy III	3
MUE562	Suzuki Pedagogy IV	3
MUE563	Pedagogy Methods: Violin and Viola	2
MUE609	Practicum: [Topic] (five terms)	5

MUE639	Pedagogy and Practicum: [Topic] (Violin/ Viola Pedagogy) [1]	3
Total Credits		**28**

[1] If primary area is string performance, not required.

Additional Requirement

A 90-minute public master class.

Wind Ensemble Conducting––Supporting Area

MUS620	Bibliography in Instrumental Conducting	3
MUS621–623	Wind Repertoire	9
MUS624	Instrumental Conducting Laboratory (three terms)	6
MUE639	Pedagogy and Practicum: [Topic] (Conducting)	3
MUS695	Band: [Topic] (three terms)	6
Performance Studies, three terms [1]		6-12
Total Credits		**33-39**

[1] Performance Studies: Piano (MUP611) through Performance Studies: Percussion (MUP791).

Additional Requirement

A juried rehearsal and a juried conducting performance.

Program Requirements

Comprehensive Examinations

Written and oral comprehensive examinations in the primary and supporting areas are taken before advancement to candidacy but after meeting the following conditions:

1. Completion of core course work
2. Completion of all course work and additional requirements (e.g., recitals, CD recording, capstone presentation) in the examination area
3. Satisfaction of all general degree requirements (not mandatory if the supporting area exam is taken before the primary area exam)
4. Approval from area advisor

Additional information about comprehensive examinations is available from the music graduate office and the advisor.

Advancement to Candidacy

Advancement to candidacy is based on successful completion of comprehensive examinations, approval by the advisory committee of the dissertation or lecture-document proposal, and the recommendation of the advisor.

Dissertation

A dissertation is required in all doctoral degree programs except the DMA in performance, for which a lecture-document that focuses on some aspect of the performance medium may be substituted.

For candidates whose primary area is composition, the dissertation must be an original composition of major proportions composed during doctoral study and performed and recorded on the University of Oregon campus.

Time Limit

Doctoral students have seven years from the term of matriculation to complete the degree. All course work, the comprehensive examinations, any required recitals, and the dissertation must be satisfactorily completed before the end of the seven-year period. If this period is exceeded, an additional year of residence or a new set of comprehensive examinations or both are required.

Research (MUE or MUS 601), Dissertation (MUE or MUS 603), and Reading and Conference (MUE, MUJ, or MUS 605) are available during summer session only with advisor's consent.

Final Oral Defense

A final oral defense is required in all degree programs. The candidate is expected to defend the dissertation or lecture-document and show a command of the primary area. Members of the dissertation or lecture-document advisory committee typically conduct the final examination; their appointment is subject to approval by the dean of the Graduate School.

Courses

MUE199. Special Studies: [Topic]. 1-5 Credits.
Repeatable.

MUE326. Foundations of Music Education. 3 Credits.
Professional orientation for prospective school music teachers; curricular, historical, philosophical, and social foundation of music education; ethical, professional, and social aspects of teaching; comprehensive field experience. Extra fee.

MUE386. Teaching Laboratory I. 1 Credit.
Practice in teaching using microteaching techniques and music education methods in a laboratory setting.
Prereq: admission to music education.

MUE387. Teaching Laboratory I. 1 Credit.
Practice in teaching using microteaching techniques and music education methods in a laboratory setting.
Prereq: admission to music education.

MUE388. Teaching Laboratory I. 1 Credit.
Practice in teaching using microteaching techniques and music education methods in a laboratory setting.
Prereq: admission to music education.

MUE392. Instrumental Techniques: [Topic]. 1 Credit.
Repeatable. Elementary instruction in pedagogy and performance of various instruments. Sections in violin and cello, low brass, high brass, percussion, flute and clarinet, saxophone, oboe and bassoon, and voice. Instrument rental fee.
Prereq: admission to music education.

MUE401. Research: [Topic]. 1-21 Credits.
Repeatable.

MUE403. Thesis. 1-12 Credits.
Repeatable.

MUE405. Reading and Conference: [Topic]. 1-4 Credits.
Repeatable. Individual study of topics at a level above that available in the standard curriculum.
Prereq: completion of all regularly scheduled courses related to the topic or equivalent.

MUE406. Field Studies: [Topic]. 1-21 Credits.
Repeatable.

MUE407. Seminar: [Topic]. 1-5 Credits.
Repeatable. Various advanced topics offered periodically according to student and faculty interest and availability.

MUE408. Workshop: [Topic]. 1-21 Credits.
Repeatable. Various topics at a level above that available in the standard curriculum.

MUE409. Practicum: [Topic]. 1-4 Credits.
Repeatable. Practical experience in guiding learning activities.

MUE410. Experimental Course: [Topic]. 1-5 Credits.
Repeatable.

MUE411. Band Methods. 3 Credits.
Concerns of band teachers in secondary and elementary schools. Observations, procedures, and instructional materials; planning and teaching lessons for analysis and criticism. Sequence. Repeatable once for a maximum of 6 credits; admission to the MUP 300 level in primary instrument required.
Prereq: admission to music education major; admission to the MUP 300 level on primary instrument; MUE 392, MUS 486; coreq: MUE 388 or 406.

MUE412. Elementary Music Methods. 3 Credits.
Introduction to a variety of skills and techniques necessary for successful music teaching in elementary school settings. Laboratory fee.
Prereq: admission to music education; admission to the MUP 300 level; MUE 411/511, 413/513; coreq: MUE 406, 486.

MUE413. Secondary Choral Methods. 3 Credits.
Secondary choral music curriculum, teaching methods, sight singing and music literacy, developing independent musicianship, philosophical and social foundation of vocal music education in the public schools.
Prereq: admission to music education major; admission to the MUP 300 level in voice or piano; MUS 484/584; coreq: MUE 388 or 488.

MUE420. Contemporary Methods. 3 Credits.
Study of contemporary methodologies used in planning and implementation of musical experiences for children in elementary school, including Dalcroze, Kodaly, Orff, and comprehensive musicianship.
Prereq: MUE 412/512, MUS 484/584.

MUE428. Music for Early Childhood. 3 Credits.
Musical characteristics and abilities of preschool children. Suitable materials and musical experiences; techniques involving parents and children in a laboratory setting. Laboratory fee. Repeatable once for maximum of 6 credits.

MUE429. Music in Special Education. 3 Credits.
Music for disabled or gifted learners. Educational and therapeutic uses of music for mentally, physically, and emotionally disabled as well as gifted learners.

MUE430. Music Classroom Management. 3 Credits.
Techniques in classroom management; crises prevention and intervention; techniques for providing a safe and positive classroom environment; professional ethics and legal expectations. Repeatable twice for a maximum of 9 credits.

MUE442. Teaching Singing in the Classroom. 3 Credits.
Methods for teaching group vocal technique in the classroom with emphasis on elementary, mid-level, and emerging adult voices. Concentration on development of the adolescent changing voice.
Prereq: admission to music education; coreq: MUE 386.

MUE447. Psychology of Music. 3 Credits.
Functions of the musical mind; knowledge and intellectual skills related to mature perception; implications for the teaching of music.

MUE455. Marching Band Methods. 3 Credits.
Teaching methods for secondary school marching bands.

MUE456. String Methods. 3 Credits.
Teaching methods for the beginning string class in elementary and middle schools. Development of technique sequences for string groups in secondary schools.

MUE459. Suzuki Pedagogy I. 3 Credits.
Development of skills for teaching beginning violin students and their parents using the Suzuki method, its philosophies, and Book I repertoire. Required observation and teaching assignment with Community Music Institute.

MUE460. Suzuki Pedagogy II. 3 Credits.
Development of skills for teaching beginning violin students using the Suzuki method, its philosophies, and Book II repertoire; methods for introducing music-reading and basic ensemble skills.
Prereq: MUE 459.

MUE461. Suzuki Pedagogy III. 3 Credits.
Development of skills for teaching intermediate violin students using the Suzuki method, its philosophies, and Book III repertoire, as well as supplementary repertoire, etudes, and scale studies.
Prereq: MUE 460.

MUE462. Suzuki Pedagogy IV. 3 Credits.
Development of skills for teaching advanced intermediate violin students using the Suzuki method, its philosophies, and Book IV repertoire, as well as supplementary repertoire, etudes, and scale studies.
Prereq: MUE 461/561.

MUE463. Pedagogy Methods: Violin and Viola. 2 Credits.
Principles and techniques of violin and viola teaching selected from the pedagogical approaches of Flesch, Galamian, Dounis, Rolland.

MUE471. Piano Pedagogy I: Teaching Beginners. 3 Credits.
In-depth study of beginning methods and materials for children and adults. Individual teaching experience. Offered alternating years.

MUE472. Piano Pedagogy II: Teaching Groups. 2 Credits.
Methods and materials for group instruction of all ages and levels. Survey of learning theories and new technologies. Individual and group teaching experience. Offered alternating years.
Prereq: MUE 471; coreq: MUE 609.

MUE473. Piano Pedagogy III: Teaching Intermediate Levels. 2 Credits.
Study of repertoire, technique, and teaching methods appropriate for intermediate-level piano students. Individual and master-class teaching experience. Offered alternating years.
Prereq: MUE 472; coreq MUE 409.

MUE486. Teaching Laboratory II. 1 Credit.
Practice in teaching using microteaching techniques and music education methods in a laboratory setting.
Prereq: admission to music education.

MUE487. Teaching Laboratory II. 1 Credit.
Practice in teaching using microteaching techniques and music education methods in a laboratory setting.
Prereq:admission to music education.

MUE488. Teaching Laboratory II. 1 Credit.
Practice in teaching using microteaching techniques and music education methods in a laboratory setting.
Prereq: admission to music education.

MUE491. Advanced Pedagogy: [Topic]. 3 Credits.
Sections in piano and other topics. Repeatable twice in different topics for maximum of 9 credits.

MUE503. Thesis. 1-16 Credits.
Repeatable.

MUE507. Seminar: [Topic]. 1-5 Credits.
Repeatable. Various advanced topics offered periodically according to student and faculty interest and availability.

MUE508. Workshop: [Topic]. 1-21 Credits.
Repeatable. Various topics at a level above that available in the standard curriculum.

MUE510. Experimental Course: [Topic]. 1-5 Credits.
Repeatable.

MUE511. Band Methods. 3 Credits.
Concerns of band teachers in secondary and elementary schools. Observations, procedures, and instructional materials; planning and teaching lessons for analysis and criticism. Sequence. Repeatable once for a maximum of 6 credits; admission to the MUP 300 level in primary instrument or voice required.
Prereq: admission to the MUP 300 level on primary instrument; MUE 392, MUS 486; coreq: MUE 388 or 488.

MUE512. Elementary Music Methods. 3 Credits.
Introduction to a variety of skills and techniques necessary for successful music teaching in elementary school settings. Laboratory fee.
Prereq: admission to music education; admission to the MUP 300 level; MUE 411/511, 413/513; coreq: MUE 486, 609.

MUE513. Secondary Choral Methods. 3 Credits.
Secondary choral music curriculum, teaching methods, sight singing and music literacy, developing independent musicianship, philosophical and social foundation of vocal music education in the public schools.
Prereq: admission to the MUP 300 level in voice or piano; MUS 484/584; coreq: MUE 388 or 488.

MUE520. Contemporary Methods. 3 Credits.
Study of contemporary methodologies used in planning and implementation of musical experiences for children in elementary school, including Dalcroze, Kodaly, Orff, and comprehensive musicianship.
Prereq: MUE 412/512, MUS 484/584.

MUE528. Music for Early Childhood. 3 Credits.
Musical characteristics and abilities of preschool children. Suitable materials and musical experiences; techniques involving parents and children in a laboratory setting. Laboratory fee. Repeatable once for maximum of 6 credits.

MUE529. Music in Special Education. 3 Credits.
Music for disabled or gifted learners. Educational and therapeutic uses of music for mentally, physically, and emotionally disabled as well as gifted learners.

MUE530. Music Classroom Management. 3 Credits.
Techniques in classroom management; crises prevention and intervention; techniques for providing a safe and positive classroom environment; professional ethics and legal expectations. Repeatable twice for a maximum of 9 credits.

MUE542. Teaching Singing in the Classroom. 3 Credits.
Methods for teaching group vocal technique in the classroom with emphasis on elementary, mid-level, and emerging adult voices. Concentration on development of the adolescent changing voice.
Prereq: admission to music education; coreq: MUE 386.

MUE547. Psychology of Music. 3 Credits.
Functions of the musical mind; knowledge and intellectual skills related to mature perception; implications for the teaching of music.

MUE555. Marching Band Methods. 3 Credits.
Teaching methods for secondary school marching bands.

MUE556. String Methods. 3 Credits.
Teaching methods for the beginning string class in elementary and middle schools. Development of technique sequences for string groups in secondary schools.

MUE559. Suzuki Pedagogy I. 3 Credits.
Development of skills for teaching beginning violin students and their parents using the Suzuki method, its philosophies, and Book I repertoire. Required observation and teaching assignment with Community Music Institute.

MUE560. Suzuki Pedagogy II. 3 Credits.
Development of skills for teaching beginning violin students using the Suzuki method, its philosophies, and Book II repertoire; methods for introducing music-reading and basic ensemble skills.
Prereq: MUE 560; coreq: MUE 607 (Seminar: Community Music Institute Preparation).

MUE561. Suzuki Pedagogy III. 3 Credits.
Development of skills for teaching intermediate violin students using the Suzuki method, its philosophies, and Book III repertoire, as well as supplementary repertoire, etudes, and scale studies.
Prereq: MUE 560; coreq: MUE 607 (Seminar: Community Music Institute Preparation).

MUE562. Suzuki Pedagogy IV. 3 Credits.
Development of skills for teaching advanced intermediate violin students using the Suzuki method, its philosophies, and Book IV repertoire, as well as supplementary repertoire, etudes, and scale studies.
Prereq: MUE 561.

MUE563. Pedagogy Methods: Violin and Viola. 2 Credits.
Principles and techniques of violin and viola teaching selected from the pedagogical approaches of Flesch, Galamian, Dounis, Rolland.

MUE571. Piano Pedagogy I: Teaching Beginners. 3 Credits.
In-depth study of beginning methods and materials for children and adults. Individual teaching experience. Offered alternate years.

MUE572. Piano Pedagogy II: Teaching Groups. 2 Credits.
Methods and materials for group instruction of all ages and levels. Survey of learning theories and new technologies. Individual and group teaching experience. Offered alternate years.
Prereq: MUE 4/571; coreq MUE 609

MUE573. Piano Pedagogy III: Teaching Intermediate Levels. 2 Credits.
Study of repertoire, technique, and teaching methods appropriate for intermediate-level piano students. Individual and master-class teaching experience. Offered alternate years.
Prereq: MUE 4/572; coreq: MUE 609.

MUE591. Advanced Pedagogy. 3 Credits.
Sections in piano and other topics. Repeatable twice in different topics for maximum of 9 credits.

MUE601. Research: [Topic]. 1-16 Credits.
Repeatable.

MUE602. Supervised College Teaching. 1-5 Credits.
Repeatable.

MUE603. Dissertation. 1-16 Credits.
Repeatable.

MUE605. Reading and Conference: [Topic]. 1-4 Credits.
Repeatable. Individual study of topics beyond regularly scheduled courses.
Prereq: completion of all regularly scheduled courses related to the topic or equivalent.

MUE606. Field Studies: [Topic]. 1-16 Credits.
Repeatable.

MUE607. Seminar: [Topic]. 1-5 Credits.
Repeatable. Recent topics are Field Experience, Thesis Organization.

MUE608. Workshop: [Topic]. 1-16 Credits.
Repeatable.

MUE609. Practicum: [Topic]. 1-4 Credits.
Repeatable. Professionally related experience, on campus or elsewhere, supervised by a qualified expert both in planning and in carrying out the project.
Prereq: knowledge and competence in the substance of the activity and in curricular planning.

MUE610. Experimental Course: [Topic]. 1-5 Credits.
Repeatable.

MUE613. Research Methods in Music Education. 3 Credits.
Experimental research including problem identification, research design, influencing variables, research tools, and the interpretation of data in relation to the teaching of music.

MUE632. Music in School and Society. 3 Credits.
Musical experiences and responses in contemporary society; standards for musical quality. Elementary and secondary school music programs, past and present, and their relationships to the communities they serve.

MUE636. Administration of School Music. 3 Credits.
Topics include facilities, budgets, capital equipment, sheet music purchase, music library, scheduling classes, school-year organization, grading, student handbooks, booster organizations, fundraising, public relations, concert preparation, and group travel.

MUE637. Technology of Teaching Music. 3 Credits.
Use of electronic equipment and computers in teaching music. Hardware and software appropriate for classroom use and for individualized instruction.

MUE638. Curricular Strategies in Music Education. 3 Credits.
Procedures for developing music courses for today's schools; determination of goals, content, instructional materials, and evaluative criteria; exploration of significant curriculum development projects in music education.

MUE639. Pedagogy and Practicum: [Topic]. 3 Credits.
Teaching strategies and practical application. Topics include composition, conducting, ethnomusicology, jazz studies, music education, music history, music technology, music theory, performance practice, instrumental conducting, voice, keyboard, strings, woodwinds, brass, and percussion. Repeatable twice when topic changes for maximum of 9 credits.

MUE641. College Music Teaching. 3 Credits.
Developing knowledge, skills, and attitudes useful for teaching music; current principles of educational psychology at the college level, instructional techniques, tests and measurements.

MUE777. Supervised Field Experience. 1 Credit.
Repeatable. Discussion of problems encountered in student teaching. Preparation of required work samples. Preparation for productive job search.

Courses

MUJ180. Jazz Performance Laboratory. 2 Credits.
Drills and practical application of scales, chords, harmonic progressions, rhythmic patterns, and approach-note groups for development of skills in small jazz ensembles.

MUJ181. Jazz Performance Laboratory. 2 Credits.
Drills and practical application of scales, chords, harmonic progressions, rhythmic patterns, and approach-note groups for development of skills in small jazz ensembles.

MUJ182. Jazz Performance Laboratory. 2 Credits.
Drills and practical application of scales, chords, harmonic progressions, rhythmic patterns, and approach-note groups for development of skills in small jazz ensembles.

MUJ199. Special Studies: [Topic]. 1-5 Credits.
Repeatable.

MUJ270. Jazz Theory. 2 Credits.
Introduction to jazz harmony: chord symbols, chord voicing practices, analysis, reharmonization practices, scale choices for improvisation, creation of bass lines.
Prereq: MUS 132.

MUJ271. Functional Jazz Piano I. 2 Credits.
Performance of one- and two-handed comping style including common voice-leading practices, scales, and harmonic formulas. Reading from chord symbols and lead sheets. Sequence.
Prereq: MUJ 270.

MUJ272. Functional Jazz Piano II. 2 Credits.
Performance of one- and two-handed comping style including common voice-leading practices, scales, and harmonic formulas. Reading from chord symbols and lead sheets. Sequence.
Prereq: MUJ 271.

MUJ273. Jazz Improvisation I. 2 Credits.
Task-oriented performance of selected standard jazz repertoire. Chord and scale study, solo transcription, analysis, pattern practice, simple compositional forms.
Prereq: MUJ 270.

MUJ274. Jazz Improvisation II. 2 Credits.
Task-oriented performance of selected standard jazz repertoire. Chord alteration, chord substitution, reharmonization and chromaticism.
Prereq: MUJ 270.

MUJ350. History of Jazz, 1900–1950. 4 Credits.
History, biography, multiculturalism, and racism in early jazz and swing through modern jazz. Includes Louis Armstrong, Duke Ellington, Charlie Parker, Dizzy Gillespie, Miles Davis.

MUJ351. History of Jazz, 1940 to Present. 4 Credits.
History, biography, multiculturalism, and racism in modern jazz and free jazz to present. Includes Charlie Parker, Dizzy Gillespie, Miles Davis, John Coltrane, Ornette Coleman.

MUJ390. Jazz Laboratory Band III. 1 Credit.
Large ensembles performing repertoire associated with the jazz idiom. Performances on campus, in the community, and at jazz festivals. Repeatable six times for a maximum of 7 credits.

MUJ391. Jazz Laboratory Band II. 1 Credit.
Large ensembles performing repertoire associated with the jazz idiom. Performances on campus, in the community, and at jazz festivals. Repeatable six times for a maximum of 7 credits.

MUJ392. Oregon Jazz Ensemble. 1-2 Credits.
Large ensembles performing repertoire associated with the jazz idiom. Performances on campus, in the community, and at jazz festivals.
Prereq: audition.

MUJ395. Small Jazz Ensemble: [Topic]. 1-2 Credits.
Improvisation group. Study current and past small-group jazz performances. Repeatable six times for a maximum of 14 credits.
Prereq: audition.

MUJ399. Special Studies: [Topic]. 1-5 Credits.
Repeatable.

MUJ405. Reading and Conference: [Topic]. 1-4 Credits.
Repeatable.

MUJ407. Seminar: [Topic]. 1-5 Credits.
Repeatable.

MUJ408. Workshop: [Topic]. 1-21 Credits.
Repeatable.

MUJ474. Jazz Repertoire I. 3 Credits.
Development of professional performance skills in improvisation through the study of traditional jazz repertoire. Sequence.
Prereq: MUJ 274.

MUJ475. Jazz Repertoire II. 3 Credits.
Development of professional performance skills in improvisation through the study of traditional jazz repertoire. Sequence.
Prereq: MUJ 474.

MUJ476. Jazz Repertoire III. 3 Credits.
Development of professional performance skills in improvisation through the study of traditional jazz repertoire. Sequence.
Prereq: MUJ 475.

MUJ477. Advanced Jazz Repertoire I. 3 Credits.
Development of professional performance skills in improvisation through study of traditional and contemporary jazz repertoire. Sequence.
Prereq: MUJ 476.

MUJ478. Advanced Jazz Repertoire II. 3 Credits.
Development of professional performance skills in improvisation through study of traditional and contemporary jazz repertoire. Sequence.
Prereq: MUJ 477.

MUJ479. Advanced Jazz Repertoire III. 3 Credits.
Development of professional performance skills in improvisation through study of traditional and contemporary jazz repertoire. Sequence.
Prereq: MUJ 478.

MUJ480. Jazz Arranging I. 3 Credits.
Study of use of common arranging skills: reharmonization, instrumentation, block harmonization, tutti scoring techniques, five-part density. Sequence.
Prereq: MUJ 272.

MUJ481. Jazz Arranging II. 3 Credits.
Study of use of common arranging skills: reharmonization, instrumentation, block harmonization, tutti scoring techniques, five-part density. Sequence.
Prereq: MUJ 480.

MUJ482. Jazz Arranging III. 3 Credits.
Study of use of common arranging skills: reharmonization, instrumentation, block harmonization, tutti scoring techniques, five-part density. Sequence.
Prereq: MUJ 481.

MUJ483. Advanced Jazz Arranging I. 3 Credits.
Composition, arranging, and performance of works for large and chamber jazz ensembles. Preparation of works for senior degree recitals. Sequence.
Prereq: MUJ 482.

MUJ484. Advanced Jazz Arranging II. 3 Credits.
Composition, arranging, and performance of works for large and chamber jazz ensembles. Preparation of works for senior degree recitals. Sequence.
Prereq: MUJ 483.

MUJ485. Advanced Jazz Arranging III. 3 Credits.
Composition, arranging, and performance of works for large and chamber jazz ensembles. Preparation of works for senior degree recitals. Sequence.
Prereq: MUJ 484.

MUJ503. Thesis. 1-16 Credits.
Repeatable.

MUJ507. Seminar: [Topic]. 1-5 Credits.
Repeatable.

MUJ508. Workshop: [Topic]. 1-21 Credits.
Repeatable.

MUJ574. Jazz Repertoire I. 3 Credits.
Development of professional performance skills in improvisation through the study of traditional jazz repertoire. Sequence.

MUJ575. Jazz Repertoire II. 3 Credits.
Development of professional performance skills in improvisation through the study of traditional jazz repertoire. Sequence.
Prereq: MUJ 474/574.

MUJ576. Jazz Repertoire III. 3 Credits.
Development of professional performance skills in improvisation through the study of traditional jazz repertoire. Sequence.
Prereq: MUJ 475/575.

MUJ577. Advanced Jazz Repertoire I. 3 Credits.
Development of professional performance skills in improvisation through study of traditional and contemporary jazz repertoire. Sequence.
Prereq: MUJ 476/576.

MUJ578. Advanced Jazz Repertoire II. 3 Credits.
Development of professional performance skills in improvisation through study of traditional and contemporary jazz repertoire. Sequence.
Prereq: MUJ 477/577.

MUJ579. Advanced Jazz Repertoire III. 3 Credits.
Development of professional performance skills in improvisation through study of traditional and contemporary jazz repertoire. Sequence.
Prereq: MUJ 478/578.

MUJ580. Jazz Arranging I. 3 Credits.
Study of use of common arranging skills: reharmonization, instrumentation, block harmonization, tutti scoring techniques, five-part density. Sequence.

MUJ581. Jazz Arranging II. 3 Credits.
Study of use of common arranging skills: reharmonization, instrumentation, block harmonization, tutti scoring techniques, five-part density. Sequence.
Prereq: MUJ 480/580.

MUJ582. Jazz Arranging III. 3 Credits.
Study of use of common arranging skills: reharmonization, instrumentation, block harmonization, tutti scoring techniques, five-part density. Sequence.
Prereq: MUJ 481/581.

MUJ583. Advanced Jazz Arranging I. 3 Credits.
Composition, arranging, and performance of works for large and chamber jazz ensembles. Preparation of works for graduate degree recitals. Sequence.
Prereq: MUJ 482/582.

MUJ584. Advanced Jazz Arranging II. 3 Credits.
Composition, arranging, and performance of works for large and chamber jazz ensembles. Preparation of works for graduate degree recitals. Sequence.
Prereq: MUJ 483/583.

MUJ585. Advanced Jazz Arranging III. 3 Credits.
Composition, arranging, and performance of works for large and chamber jazz ensembles. Preparation of works for graduate degree recitals. Sequence.
Prereq: MUJ 484/584.

MUJ605. Reading and Conference: [Topic]. 1-4 Credits.
Repeatable.

MUJ660. Survey of Jazz Composition. 3 Credits.
Overview of important developments and historically significant figures in jazz composition and arranging. Analysis of their music and stylistic traits.

MUJ661. Jazz Program Planning and Development. 3 Credits.
Designing and nurturing a successful jazz program. Jazz curriculum, grant writing, budgets, resources, organizing student support, setting and reaching program goals.

MUJ690. Jazz Laboratory Band III. 1 Credit.
Large ensembles performing repertoire associated with the jazz idiom. Performances on campus, in the community, and at jazz festivals. Repeatable six times for a maximum of 7 credits.

MUJ691. Jazz Laboratory Band II. 1 Credit.
Large ensembles performing repertoire associated with the jazz idiom. Performances on campus, in the community, and at jazz festivals. Repeatable six times for a maximum of 7 credits.

MUJ692. Oregon Jazz Ensemble. 1-2 Credits.
Large ensembles performing repertoire associated with the jazz idiom. Performances on campus, in the community, and at jazz festivals.

MUJ695. Small Jazz Ensemble: [Topic]. 1-2 Credits.
Improvisation group. Study current and past small-group jazz performances. Repeatable six times for a maximum of 14 credits.

Courses

MUP100. Basic Performance Studies: Piano. 2 Credits.
Beginning-level group instruction for students with little or no previous training. Repeatable twice for maximum of 6 credits.

MUP101. Basic Performance Studies: Voice. 2 Credits.
Beginning-level group instruction for students with little or no previous training. Repeatable twice for maximum of 6 credits.

MUP102. Basic Performance Studies: Strings. 2 Credits.
Beginning-level individual instruction for students with little or no previous training. Repeatable twice for maximum of 6 credits.

MUP103. Basic Performance Studies: Woodwinds. 2 Credits.
Beginning-level individual instruction for students with little or no previous training. Repeatable twice for maximum of 6 credits.
Prereq: Audition.

MUP104. Basic Performance Studies: Brass. 2 Credits.
Beginning-level individual instruction for students with little or no previous training. Repeatable twice for maximum of 6 credits.
Prereq: Audition.

MUP110. Basic Performance Studies: Classical Guitar. 2 Credits.
Studio Instruction. Repeatable twice for maximum of 6 credits.
Prereq: Audition.

MUP120. Beginning Guitar I. 3 Credits.
Beginning-level group instruction in the fundamentals of guitar playing, song accompaniment, ensemble playing, reading music, basic music theory, and practice skills. Students must provide own instruments. Repeatable twice for maximum of 9 credits.

MUP121. Beginning Guitar II. 3 Credits.
Continued study of topics in MUP 120 with emphasis on chord voicings, finger-style playing, and arranging. Requires music reading and barre-chord skills. Group instruction. Students must provide own instruments. Repeatable twice for maximum of 9 credits.
Prereq: MUP 120.

MUP122. Funk Guitar. 2 Credits.
Fundamental techniques and theory used by guitarists to play in a funk style of music. Students must provide own instruments. Group instruction. Repeatable twice for a maximum of 6 credits.

MUP127. Blues Guitar I. 2 Credits.
Introduction to blues chords, scales, songs, and related techniques. Designed for beginners; students must provide own instruments. Group instruction. Repeatable once for maximum of 4 credits.

MUP140. Performance Studies: Voice. 2-4 Credits.
Studio instruction in performance for students with minimal previous training. Repeatable eleven times for maximum of 48 credits.
Prereq: Audition; coreq for majors: enroll in major ensemble.

MUP141. Performance Studies: Piano. 2-4 Credits.
Repeatable. Studio instruction in performance for students with minimal previous training. Repeatable eleven times for maximum of 48 credits.
Prereq: Audition; coreq for majors: enroll in major ensemble.

MUP142. Performance Studies: Harpsichord. 2-4 Credits.
Repeatable. Studio instruction in performance for students with minimal previous training. Repeatable eleven times for maximum of 48 credits.
Prereq: Audition; coreq for majors: enroll in major ensemble.

MUP143. Performance Studies: Organ. 2-4 Credits.
Repeatable. Studio instruction in performance for students with minimal previous training. Repeatable eleven times for maximum of 48 credits.
Prereq: Audition; coreq for majors: enroll in major ensemble.

MUP145. Performance Studies: Violin. 2-4 Credits.
Repeatable. Studio instruction in performance for students with minimal previous training. Repeatable eleven times for maximum of 48 credits.
Prereq: Audition; coreq for majors: enroll in major ensemble.

MUP146. Performance Studies: Viola. 2-4 Credits.
Repeatable. Studio instruction in performance for students with minimal previous training. Repeatable eleven times for maximum of 48 credits.
Prereq: Audition; coreq for majors: enroll in major ensemble.

MUP147. Performance Studies: Cello. 2-4 Credits.
Repeatable. Studio instruction in performance for students with minimal previous training. Repeatable eleven times for maximum of 48 credits.
Prereq: Audition; coreq for majors: enroll in major ensemble.

MUP148. Performance Studies: Bass. 2-4 Credits.
Repeatable. Studio instruction in performance for students with minimal previous training. Repeatable eleven times for maximum of 48 credits.
Prereq: Audition; coreq for majors: enroll in major ensemble.

MUP149. Performance Studies: Harp. 2-4 Credits.
Repeatable. Studio instruction in performance for students with minimal previous training. Repeatable eleven times for maximum of 48 credits.
Prereq: Audition; coreq for majors: enroll in major ensemble.

MUP150. Performance Studies: Guitar. 2-4 Credits.
Repeatable. Studio instruction in performance for students with minimal previous training. Repeatable eleven times for maximum of 48 credits.
Prereq: Audition; coreq for majors: enroll in major ensemble.

MUP151. Performance Studies: Flute. 2-4 Credits.
Repeatable. Studio instruction in performance for students with minimal previous training. Repeatable eleven times for maximum of 48 credits.
Prereq: Audition; coreq for majors: enroll in major ensemble.

MUP152. Performance Studies: Oboe. 2-4 Credits.
Repeatable. Studio instruction in performance for students with minimal previous training. Repeatable eleven times for maximum of 48 credits.
Prereq: Audition; coreq for majors: enroll in major ensemble.

MUP153. Performance Studies: Clarinet. 2-4 Credits.
Repeatable. Studio instruction in performance for students with minimal previous training. Repeatable eleven times for maximum of 48 credits.
Prereq: Audition; coreq for majors: enroll in major ensemble.

MUP154. Performance Studies: Saxophone. 2-4 Credits.
Repeatable. Studio instruction in performance for students with minimal previous training. Repeatable eleven times for maximum of 48 credits.
Prereq: Audition; coreq for majors: enroll in major ensemble.

MUP155. Performance Studies: Bassoon. 2-4 Credits.
Repeatable. Studio instruction in performance for students with minimal previous training. Repeatable eleven times for maximum of 48 credits.
Prereq: Audition; coreq for majors: enroll in major ensemble.

MUP156. Performance Studies: Trumpet. 2-4 Credits.
Repeatable. Studio instruction in performance for students with minimal previous training. Repeatable eleven times for maximum of 48 credits.
Prereq: Audition; coreq for majors: enroll in major ensemble.

MUP157. Performance Studies: French Horn. 2-4 Credits.
Repeatable. Studio instruction in performance for students with minimal previous training. Repeatable eleven times for maximum of 48 credits.
Prereq: Audition; coreq for majors: enroll in major ensemble.

MUP158. Performance Studies: Trombone. 2-4 Credits.
Repeatable. Studio instruction in performance for students with minimal previous training. Repeatable eleven times for maximum of 48 credits.
Prereq: Audition; coreq for majors: enroll in major ensemble.

MUP159. Performance Studies: Euphonium. 2-4 Credits.
Repeatable. Studio instruction in performance for students with minimal previous training. Repeatable eleven times for maximum of 48 credits.
Prereq: Audition; coreq for majors: enroll in major ensemble.

MUP160. Performance Studies: Tuba. 2-4 Credits.
Repeatable. Studio instruction in performance for students with minimal previous training. Repeatable eleven times for maximum of 48 credits.
Prereq: Audition; coreq for majors: enroll in major ensemble.

MUP161. Performance Studies: Percussion. 2-4 Credits.
Repeatable. Studio instruction in performance for students with minimal previous training. Repeatable eleven times for maximum of 48 credits.
Prereq: Audition; coreq: MUS 394 Percussion Ensemble, enroll in major ensemble.

MUP162. Performance Studies: [Topic]. 1-5 Credits.
Recent topics include Beatles Guitar Music, Jazz Drumset, Baroque Cello. Repeatable five times when topic changes for a maximum of 30 credits.

MUP163. Functional Piano. 2 Credits.
Group instruction in functional keyboard skills. Repeatable twice for maximum of 6 credits.
Prereq: MUS 138.

MUP171. Performance Studies: Piano. 2-4 Credits.
Repeatable. Studio Instruction.
Prereq: Audition; coreq for majors: enroll in major ensemble.

MUP172. Performance Studies: Harpsichord. 2-4 Credits.
Repeatable. Studio Instruction.
Prereq: Audition; coreq for majors: enroll in major ensemble.

MUP173. Performance Studies: Organ. 2-4 Credits.
Repeatable. Studio Instruction.
Prereq: Audition; coreq for majors: enroll in major ensemble.

MUP174. Performance Studies: Voice. 2-4 Credits.
Repeatable. Studio Instruction.
Prereq: Audition; coreq for majors: enroll in major ensemble.

MUP175. Performance Studies: Violin. 2-4 Credits.
Repeatable. Studio Instruction.
Prereq: Audition; coreq for majors: enroll in major ensemble.

MUP176. Performance Studies: Viola. 2-4 Credits.
Repeatable. Studio Instruction.
Prereq: Audition; coreq for majors: enroll in major ensemble.

MUP177. Performance Studies: Cello. 2-4 Credits.
Repeatable. Studio Instruction.
Prereq: Audition; coreq for majors: enroll in major ensemble.

MUP178. Performance Studies: Bass. 2-4 Credits.
Repeatable. Studio Instruction.
Prereq: Audition; coreq for majors: enroll in major ensemble.

MUP179. Performance Studies: Harp. 2-4 Credits.
Repeatable. Studio Instruction.
Prereq: Audition; coreq for majors: enroll in major ensemble.

MUP180. Performance Studies: Guitar. 2-4 Credits.
Repeatable. Studio Instruction.
Prereq: Audition; coreq for majors: enroll in major ensemble.

MUP181. Performance Studies: Flute. 2-4 Credits.
Repeatable. Studio Instruction.
Prereq: Audition; coreq for majors: enroll in major ensemble.

MUP182. Performance Studies: Oboe. 2-4 Credits.
Repeatable. Studio Instruction.
Prereq: Audition; coreq for majors: enroll in major ensemble.

MUP183. Performance Studies: Clarinet. 2-4 Credits.
Repeatable. Studio Instruction.
Prereq: Audition; coreq for majors: enroll in major ensemble.

MUP184. Performance Studies: Saxophone. 2-4 Credits.
Repeatable. Studio Instruction.
Prereq: Audition; coreq for majors: enroll in major ensemble.

MUP185. Performance Studies: Bassoon. 2-4 Credits.
Repeatable. Studio Instruction.
Prereq: Audition; coreq for majors: enroll in major ensemble.

MUP186. Performance Studies: Trumpet. 2-4 Credits.
Repeatable. Studio Instruction.
Prereq: Audition; coreq for majors: enroll in major ensemble.

MUP187. Performance Studies: French Horn. 2-4 Credits.
Repeatable. Studio Instruction.
Prereq: Audition; coreq for majors: enroll in major ensemble.

MUP188. Performance Studies: Trombone. 2-4 Credits.
Repeatable. Studio Instruction.
Prereq: Audition; coreq for majors: enroll in major ensemble.

MUP189. Performance Studies: Euphonium. 2-4 Credits.
Repeatable. Studio Instruction.
Prereq: Audition; coreq for majors: enroll in major ensemble.

MUP190. Performance Studies: Tuba. 2-4 Credits.
Repeatable. Studio Instruction.
Prereq: Audition; coreq for majors: enroll in major ensemble.

MUP191. Performance Studies: Percussion. 2-4 Credits.
Repeatable. Studio Instruction.
Prereq: Audition; coreq: MUS 394 Percussion Ensemble; additional coreq for majors: enroll in major ensemble.

MUP199. Special Studies: [Topic]. 1-5 Credits.
Recent topics include Breathing Technique and Tuba-Euphonium Routine.

MUP271. Performance Studies: Piano. 2-4 Credits.
Repeatable. Studio instruction. Repeatable six times.
Prereq: Audition to demonstrate proficiency equivalent to completion of 100 level; coreq for majors: enroll in major ensemble.

MUP272. Performance Studies: Harpsichord. 2-4 Credits.
Repeatable. Studio instruction. Repeatable six times.
Prereq: Audition to demonstrate proficiency equivalent to completion of 100 level; coreq for majors: enroll in major ensemble.

MUP273. Performance Studies: Organ. 2-4 Credits.
Repeatable. Studio instruction. Repeatable six times.
Prereq: Audition to demonstrate proficiency equivalent to completion of 100 level; coreq for majors: enroll in major ensemble.

MUP274. Performance Studies: Voice. 2-4 Credits.
Repeatable. Studio instruction. Repeatable six times.
Prereq: Audition to demonstrate proficiency equivalent to completion of 100 level; coreq for majors: enroll in major ensemble.

MUP275. Performance Studies: Violin. 2-4 Credits.
Repeatable. Studio instruction. Repeatable six times.
Prereq: Audition to demonstrate proficiency equivalent to completion of 100 level; coreq for majors: enroll in major ensemble.

MUP276. Performance Studies: Viola. 2-4 Credits.
Repeatable. Studio instruction. Repeatable six times.
Prereq: Audition to demonstrate proficiency equivalent to completion of 100 level; coreq for majors: enroll in major ensemble.

MUP277. Performance Studies: Cello. 2-4 Credits.
Repeatable. Studio instruction. Repeatable six times.
Prereq: Audition to demonstrate proficiency equivalent to completion of 100 level; coreq for majors: enroll in major ensemble.

MUP278. Performance Studies: Bass. 2-4 Credits.
Repeatable. Studio instruction. Repeatable six times.
Prereq: Audition to demonstrate proficiency equivalent to completion of 100 level; coreq for majors: enroll in major ensemble.

MUP279. Performance Studies: Harp. 2-4 Credits.
Repeatable. Studio instruction. Repeatable six times.
Prereq: Audition to demonstrate proficiency equivalent to completion of 100 level; coreq for majors: enroll in major ensemble.

MUP280. Performance Studies: Guitar. 2-4 Credits.
Repeatable. Studio instruction. Repeatable six times.
Prereq: Audition to demonstrate proficiency equivalent to completion of 100 level; coreq for majors: enroll in major ensemble.

MUP281. Performance Studies: Flute. 2-4 Credits.
Repeatable. Studio instruction. Repeatable six times.
Prereq: Audition to demonstrate proficiency equivalent to completion of 100 level; coreq for majors: enroll in major ensemble.

MUP282. Performance Studies: Oboe. 2-4 Credits.
Repeatable. Studio instruction. Repeatable six times.
Prereq: Audition to demonstrate proficiency equivalent to completion of 100 level; coreq for majors: enroll in major ensemble.

MUP283. Performance Studies: Clarinet. 2-4 Credits.
Repeatable. Studio instruction. Repeatable six times.
Prereq: Audition to demonstrate proficiency equivalent to completion of 100 level; coreq for majors: enroll in major ensemble.

MUP284. Performance Studies: Saxophone. 2-4 Credits.
Repeatable. Studio instruction. Repeatable six times.
Prereq: Audition to demonstrate proficiency equivalent to completion of 100 level; coreq for majors: enroll in major ensemble.

MUP285. Performance Studies: Bassoon. 2-4 Credits.
Repeatable. Studio instruction. Repeatable six times.
Prereq: Audition to demonstrate proficiency equivalent to completion of 100 level; coreq for majors: enroll in major ensemble.

MUP286. Performance Studies: Trumpet. 2-4 Credits.
Repeatable. Studio instruction. Repeatable six times.
Prereq: Audition to demonstrate proficiency equivalent to completion of 100 level; coreq for majors: enroll in major ensemble.

MUP287. Performance Studies: French Horn. 2-4 Credits.
Repeatable. Studio instruction. Repeatable six times.
Prereq: Audition to demonstrate proficiency equivalent to completion of 100 level; coreq for majors: enroll in major ensemble.

MUP288. Performance Studies: Trombone. 2-4 Credits.
Repeatable. Studio instruction. Repeatable six times.
Prereq: Audition to demonstrate proficiency equivalent to completion of 100 level; coreq for majors: enroll in major ensemble.

MUP289. Performance Studies: Euphonium. 2-4 Credits.
Repeatable. Studio instruction. Repeatable six times.
Prereq: Audition to demonstrate proficiency equivalent to completion of 100 level; coreq for majors: enroll in major ensemble.

MUP290. Performance Studies: Tuba. 2-4 Credits.
Repeatable. Studio instruction. Repeatable six times.
Prereq: Audition to demonstrate proficiency equivalent to completion of 100 level; coreq for majors: enroll in major ensemble.

MUP291. Performance Studies: Percussion. 2-4 Credits.
Repeatable. Studio instruction. Repeatable six times.
Prereq: Audition to demonstrate proficiency equivalent to completion of 100 level; coreq: MUS 394 Percussion Ensemble; additional coreq for majors: enroll in major ensemble.

MUP341. Performance Studies: Piano. 2-4 Credits.
Repeatable. Studio instruction. Repeatable six times.
Prereq: Audition to demonstrate proficiency equivalent to completion of 200 level; coreq for majors: enroll in major ensemble.

MUP342. Performance Studies: Harpsichord. 2-4 Credits.
Repeatable. Studio instruction. Repeatable six times.
Prereq: Audition to demonstrate proficiency equivalent to completion of 200 level; coreq for majors: enroll in major ensemble.

MUP343. Performance Studies: Organ. 2-4 Credits.
Repeatable. Studio instruction. Repeatable six times.
Prereq: Audition to demonstrate proficiency equivalent to completion of 200 level; coreq for majors: enroll in major ensemble.

MUP344. Performance Studies: Voice. 2-4 Credits.
Repeatable. Studio instruction. Repeatable six times.
Prereq: Audition to demonstrate proficiency equivalent to completion of 200 level; coreq for majors: enroll in major ensemble.

MUP345. Performance Studies: Violin. 2-4 Credits.
Repeatable. Studio instruction. Repeatable six times.
Prereq: Audition to demonstrate proficiency equivalent to completion of 200 level; coreq for majors: enroll in major ensemble.

MUP346. Performance Studies: Viola. 2-4 Credits.
Repeatable. Studio instruction. Repeatable six times.
Prereq: Audition to demonstrate proficiency equivalent to completion of 200 level; coreq for majors: enroll in major ensemble.

MUP347. Performance Studies: Cello. 2-4 Credits.
Repeatable. Studio instruction. Repeatable six times.
Prereq: Audition to demonstrate proficiency equivalent to completion of 200 level; coreq for majors: enroll in major ensemble.

MUP348. Performance Studies: Bass. 2-4 Credits.
Repeatable. Studio instruction. Repeatable six times.
Prereq: Audition to demonstrate proficiency equivalent to completion of 200 level; coreq for majors: enroll in major ensemble.

MUP349. Performance Studies: Harp. 2-4 Credits.
Repeatable. Studio instruction. Repeatable six times.
Prereq: Audition to demonstrate proficiency equivalent to completion of 200 level; coreq for majors: enroll in major ensemble.

MUP350. Performance Studies: Guitar. 2-4 Credits.
Repeatable. Studio instruction. Repeatable six times.
Prereq: Audition to demonstrate proficiency equivalent to completion of 200 level; coreq for majors: enroll in major ensemble.

MUP351. Performance Studies: Flute. 2-4 Credits.
Repeatable. Studio instruction. Repeatable six times.
Prereq: Audition to demonstrate proficiency equivalent to completion of 200 level; coreq for majors: enroll in major ensemble.

MUP352. Performance Studies: Oboe. 2-4 Credits.
Repeatable. Studio instruction. Repeatable six times.
Prereq: Audition to demonstrate proficiency equivalent to completion of 200 level; coreq for majors: enroll in major ensemble.

MUP353. Performance Studies: Clarinet. 2-4 Credits.
Repeatable. Studio instruction. Repeatable six times.
Prereq: Audition to demonstrate proficiency equivalent to completion of 200 level; coreq for majors: enroll in major ensemble.

MUP354. Performance Studies: Saxophone. 2-4 Credits.
Repeatable. Studio instruction. Repeatable six times.
Prereq: Audition to demonstrate proficiency equivalent to completion of 200 level; coreq for majors: enroll in major ensemble.

MUP355. Performance Studies: Bassoon. 2-4 Credits.
Repeatable. Studio instruction. Repeatable six times.
Prereq: Audition to demonstrate proficiency equivalent to completion of 200 level; coreq for majors: enroll in major ensemble.

MUP356. Performance Studies: Trumpet. 2-4 Credits.
Repeatable. Studio instruction. Repeatable six times.
Prereq: Audition to demonstrate proficiency equivalent to completion of 200 level; coreq for majors: enroll in major ensemble.

MUP357. Performance Studies: French Horn. 2-4 Credits.
Repeatable. Studio instruction. Repeatable six times.
Prereq: Audition to demonstrate proficiency equivalent to completion of 200 level; coreq for majors: enroll in major ensemble.

MUP358. Performance Studies: Trombone. 2-4 Credits.
Repeatable. Studio instruction. Repeatable six times.
Prereq: Audition to demonstrate proficiency equivalent to completion of 200 level; coreq for majors: enroll in major ensemble.

MUP359. Performance Studies: Euphonium. 2-4 Credits.
Repeatable. Studio instruction. Repeatable six times.
Prereq: Audition to demonstrate proficiency equivalent to completion of 200 level; coreq for majors: enroll in major ensemble.

MUP360. Performance Studies: Tuba. 2-4 Credits.
Repeatable. Studio instruction. Repeatable six times.
Prereq: Audition to demonstrate proficiency equivalent to completion of 200 level; coreq for majors: enroll in major ensemble.

MUP361. Performance Studies: Percussion. 2-4 Credits.
Repeatable. Studio instruction. Repeatable six times.
Prereq: Audition to demonstrate proficiency equivalent to completion of 200- level; coreq: MUS 394 Percussion Ensemble; additional coreq for majors: enroll in major ensemble.

MUP362. Performance Studies: [Topic]. 1-5 Credits.
Recent topics include Beatles Guitar Music, Jazz Drumset, Baroque Cello. Repeatable five times when topic changes for a maximum of 30 credits.

MUP371. Performance Studies: Piano. 2-4 Credits.
Repeatable. Studio instruction. Repeatable six times.
Prereq: Audition to demostrate proficiency equivalent to completion of MUP 271; coreq for majors: enroll in major ensemble.

MUP372. Performance Studies: Harpsichord. 2-4 Credits.
Repeatable. Studio instruction. Repeatable six times.
Prereq: Audition to demostrate proficiency equivalent to completion of MUP 272; coreq for majors: enroll in major ensemble.

MUP373. Performance Studies: Organ. 2-4 Credits.
Repeatable. Studio instruction. Repeatable six times.
Prereq: Audition to demostrate proficiency equivalent to completion of MUP 273; coreq for majors: enroll in major ensemble.

MUP374. Performance Studies: Voice. 2-4 Credits.
Repeatable. Studio instruction. Repeatable six times.
Prereq: Audition to demostrate proficiency equivalent to completion of MUP 274; coreq for majors: enroll in major ensemble.

MUP375. Performance Studies: Violin. 2-4 Credits.
Repeatable. Studio instruction. Repeatable six times.
Prereq: Audition to demostrate proficiency equivalent to completion of MUP 275; coreq for majors: enroll in major ensemble.

MUP376. Performance Studies: Viola. 2-4 Credits.
Repeatable. Studio instruction. Repeatable six times.
Prereq: Audition to demostrate proficiency equivalent to completion of MUP 276; coreq for majors: enroll in major ensemble.

MUP377. Performance Studies: Cello. 2-4 Credits.
Repeatable. Studio instruction. Repeatable six times.
Prereq: Audition to demostrate proficiency equivalent to completion of MUP 277; coreq for majors: enroll in major ensemble.

MUP378. Performance Studies: Bass. 2-4 Credits.
Repeatable. Studio instruction. Repeatable six times.
Prereq: Audition to demostrate proficiency equivalent to completion of MUP 278; coreq for majors: enroll in major ensemble.

MUP379. Performance Studies: Harp. 2-4 Credits.
Repeatable. Studio instruction. Repeatable six times.
Prereq: Audition to demostrate proficiency equivalent to completion of MUP 279; coreq for majors: enroll in major ensemble.

MUP380. Performance Studies: Guitar. 2-4 Credits.
Repeatable. Studio instruction. Repeatable six times.
Prereq: Audition to demostrate proficiency equivalent to completion of MUP 280; coreq for majors: enroll in major ensemble.

MUP381. Performance Studies: Flute. 2-4 Credits.
Repeatable. Studio instruction. Repeatable six times.
Prereq: Audition to demostrate proficiency equivalent to completion of MUP 281; coreq for majors: enroll in major ensemble.

MUP382. Performance Studies: Oboe. 2-4 Credits.
Repeatable. Studio instruction. Repeatable six times.
Prereq: Audition to demostrate proficiency equivalent to completion of MUP 282; coreq for majors: enroll in major ensemble.

MUP383. Performance Studies: Clarinet. 2-4 Credits.
Repeatable. Studio instruction. Repeatable six times.
Prereq: Audition to demostrate proficiency equivalent to completion of MUP 283; coreq for majors: enroll in major ensemble.

MUP384. Performance Studies: Saxophone. 2-4 Credits.
Repeatable. Studio instruction. Repeatable six times.
Prereq: Audition to demostrate proficiency equivalent to completion of MUP 284; coreq for majors: enroll in major ensemble.

MUP385. Performance Studies: Bassoon. 2-4 Credits.
Repeatable. Studio instruction. Repeatable six times.
Prereq: Audition to demostrate proficiency equivalent to completion of MUP 285; coreq for majors: enroll in major ensemble.

MUP386. Performance Studies: Trumpet. 2-4 Credits.
Repeatable. Studio instruction. Repeatable six times.
Prereq: Audition to demostrate proficiency equivalent to completion of MUP 286; coreq for majors: enroll in major ensemble.

MUP387. Performance Studies: French Horn. 2-4 Credits.
Repeatable. Studio instruction. Repeatable six times.
Prereq: Audition to demostrate proficiency equivalent to completion of MUP 287; coreq for majors: enroll in major ensemble.

MUP388. Performance Studies: Trombone. 2-4 Credits.
Repeatable. Studio instruction. Repeatable six times.
Prereq: Audition to demostrate proficiency equivalent to completion of MUP 288; coreq for majors: enroll in major ensemble.

MUP389. Performance Studies: Euphonium. 2-4 Credits.
Repeatable. Studio instruction. Repeatable six times.
Prereq: Audition to demostrate proficiency equivalent to completion of MUP 289; coreq for majors: enroll in major ensemble.

MUP390. Performance Studies: Tuba. 2-4 Credits.
Repeatable. Studio instruction. Repeatable six times.
Prereq: Audition to demostrate proficiency equivalent to completion of MUP 290; coreq for majors: enroll in major ensemble.

MUP391. Performance Studies: Percussion. 2-4 Credits.
Repeatable. Studio instruction. Repeatable six times.
Prereq: Audition to demostrate proficiency equivalent to completion of MUP 291; coreq: MUS 394 Percussion Ensemble; additional coreq for majors: enroll in major ensemble.

MUP471. Performance Studies: Piano. 2-4 Credits.
Repeatable. Studio instruction. Repeatable six times.
Prereq: Audition to demonstrate proficiency equivalent to completion of MUP 371; coreq for majors: enroll in major ensemble.

MUP472. Performance Studies: Harpsichord. 2-4 Credits.
Repeatable. Studio instruction. Repeatable six times.
Prereq: Audition to demonstrate proficiency equivalent to completion of MUP 372; coreq for majors: enroll in major ensemble.

MUP473. Performance Studies: Organ. 2-4 Credits.
Repeatable. Studio instruction. Repeatable six times.
Prereq: Audition to demonstrate proficiency equivalent to completion of MUP 373; coreq for majors: enroll in major ensemble.

MUP474. Performance Studies: Voice. 2-4 Credits.
Repeatable. Studio instruction. Repeatable six times.
Prereq: Audition to demonstrate proficiency equivalent to completion of MUP 374; coreq for majors: enroll in major ensemble.

MUP475. Performance Studies: Violin. 2-4 Credits.
Repeatable. Studio instruction. Repeatable six times.
Prereq: Audition to demonstrate proficiency equivalent to completion of MUP 375; coreq for majors: enroll in major ensemble.

MUP476. Performance Studies: Viola. 2-4 Credits.
Repeatable. Studio instruction. Repeatable six times.
Prereq: Audition to demonstrate proficiency equivalent to completion of MUP 376; coreq for majors: enroll in major ensemble.

MUP477. Performance Studies: Cello. 2-4 Credits.
Repeatable. Studio instruction. Repeatable six times.
Prereq: Audition to demonstrate proficiency equivalent to completion of MUP 377; coreq for majors: enroll in major ensemble.

MUP478. Performance Studies: Bass. 2-4 Credits.
Repeatable. Studio instruction. Repeatable six times.
Prereq: Audition to demonstrate proficiency equivalent to completion of MUP 378; coreq for majors: enroll in major ensemble.

MUP479. Performance Studies: Harp. 2-4 Credits.
Repeatable. Studio instruction. Repeatable six times.
Prereq: Audition to demonstrate proficiency equivalent to completion of MUP 379; coreq for majors: enroll in major ensemble.

MUP480. Performance Studies: Guitar. 2-4 Credits.
Repeatable. Studio instruction. Repeatable six times.
Prereq: Audition to demonstrate proficiency equivalent to completion of MUP 380; coreq for majors: enroll in major ensemble.

MUP481. Performance Studies: Flute. 2-4 Credits.
Repeatable. Studio instruction. Repeatable six times.
Prereq: Audition to demonstrate proficiency equivalent to completion of MUP 381; coreq for majors: enroll in major ensemble.

MUP482. Performance Studies: Oboe. 2-4 Credits.
Repeatable. Studio instruction. Repeatable six times.
Prereq: Audition to demonstrate proficiency equivalent to completion of MUP 382; coreq for majors: enroll in major ensemble.

MUP483. Performance Studies: Clarinet. 2-4 Credits.
Repeatable. Studio instruction. Repeatable six times.
Prereq: Audition to demonstrate proficiency equivalent to completion of MUP 383; coreq for majors: enroll in major ensemble.

MUP484. Performance Studies: Saxophone. 2-4 Credits.
Repeatable. Studio instruction. Repeatable six times.
Prereq: Audition to demonstrate proficiency equivalent to completion of MUP 384; coreq for majors: enroll in major ensemble.

MUP485. Performance Studies: Bassoon. 2-4 Credits.
Repeatable. Studio instruction. Repeatable six times.
Prereq: Audition to demonstrate proficiency equivalent to completion of MUP 385; coreq for majors: enroll in major ensemble.

MUP486. Performance Studies: Trumpet. 2-4 Credits.
Repeatable. Studio instruction. Repeatable six times.
Prereq: Audition to demonstrate proficiency equivalent to completion of MUP 386; coreq for majors: enroll in major ensemble.

MUP487. Performance Studies: French Horn. 2-4 Credits.
Repeatable. Studio instruction. Repeatable six times.
Prereq: Audition to demonstrate proficiency equivalent to completion of MUP 387; coreq for majors: enroll in major ensemble.

MUP488. Performance Studies: Trombone. 2-4 Credits.
Repeatable. Studio instruction. Repeatable six times.
Prereq: Audition to demonstrate proficiency equivalent to completion of MUP 388; coreq for majors: enroll in major ensemble.

MUP489. Performance Studies: Euphonium. 2-4 Credits.
Repeatable. Studio instruction. Repeatable six times.
Prereq: Audition to demonstrate proficiency equivalent to completion of MUP 389; coreq for majors: enroll in major ensemble.

MUP490. Performance Studies: Tuba. 2-4 Credits.
Repeatable. Studio instruction. Repeatable six times.
Prereq: Audition to demonstrate proficiency equivalent to completion of MUP 390; coreq for majors: enroll in major ensemble.

MUP491. Performance Studies: Percussion. 2-4 Credits.
Repeatable. Studio instruction. Repeatable six times.
Prereq: Audition to demonstrate proficiency equivalent to completion of MUP 391; coreq: MUS 394 Percussion Ensemble; additional coreq for majors: enroll in major ensemble.

MUP611. Performance Studies: Piano. 2 Credits.
Repeatable. Studio instruction. Repeatable twice for a maximum of 6 credits.
Prereq: Audition to demonstrate proficiency required for admission to MUP 271; coreq for majors: enroll in major ensemble.

MUP612. Performance Studies: Harpsichord. 2 Credits.
Repeatable. Studio instruction. Repeatable twice for a maximum of 6 credits.
Prereq: Audition to demonstrate proficiency required for admission to MUP 272; coreq for majors: enroll in major ensemble.

MUP613. Performance Studies: Organ. 2 Credits.
Repeatable. Studio instruction. Repeatable twice for a maximum of 6 credits.
Prereq: Audition to demonstrate proficiency required for admission to MUP 273; coreq for majors: enroll in major ensemble.

MUP614. Performance Studies: Voice. 2 Credits.
Repeatable. Studio instruction. Repeatable twice for a maximum of 6 credits.
Prereq: Audition to demonstrate proficiency required for admission to MUP 274; coreq for majors: enroll in major ensemble.

MUP615. Performance Studies: Violin. 2 Credits.
Repeatable. Studio instruction. Repeatable twice for a maximum of 6 credits.
Prereq: Audition to demonstrate proficiency required for admission to MUP 275; coreq for majors: enroll in major ensemble.

MUP616. Performance Studies: Viola. 2 Credits.
Repeatable. Studio instruction. Repeatable twice for a maximum of 6 credits.
Prereq: Audition to demonstrate proficiency required for admission to MUP 276; coreq for majors: enroll in major ensemble.

MUP617. Performance Studies: Cello. 2 Credits.
Repeatable. Studio instruction. Repeatable twice for a maximum of 6 credits.
Prereq: Audition to demonstrate proficiency required for admission to MUP 277; coreq for majors: enroll in major ensemble.

MUP618. Performance Studies: Bass. 2 Credits.
Repeatable. Studio instruction. Repeatable twice for a maximum of 6 credits.
Prereq: Audition to demonstrate proficiency required for admission to MUP 278; coreq for majors: enroll in major ensemble.

MUP619. Performance Studies: Harp. 2 Credits.
Repeatable. Studio instruction. Repeatable twice for a maximum of 6 credits.
Prereq: Audition to demonstrate proficiency required for admission to MUP 279; coreq for majors: enroll in major ensemble.

MUP620. Performance Studies: Guitar. 2 Credits.
Repeatable. Studio instruction. Repeatable twice for a maximum of 6 credits.
Prereq: Audition to demonstrate proficiency required for admission to MUP 280; coreq for majors: enroll in major ensemble.

MUP621. Performance Studies: Flute. 2 Credits.
Repeatable. Studio instruction. Repeatable twice for a maximum of 6 credits.
Prereq: Audition to demonstrate proficiency required for admission to MUP 281; coreq for majors: enroll in major ensemble.

MUP622. Performance Studies: Oboe. 2 Credits.
Repeatable. Studio instruction. Repeatable twice for a maximum of 6 credits.
Prereq: Audition to demonstrate proficiency required for admission to MUP 282; coreq for majors: enroll in major ensemble.

MUP623. Performance Studies: Clarinet. 2 Credits.
Repeatable. Studio instruction. Repeatable twice for a maximum of 6 credits.
Prereq: Audition to demonstrate proficiency required for admission to MUP 283; coreq for majors: enroll in major ensemble.

MUP624. Performance Studies: Saxophone. 2 Credits.
Repeatable. Studio instruction. Repeatable twice for a maximum of 6 credits.
Prereq: Audition to demonstrate proficiency required for admission to MUP 284; coreq for majors: enroll in major ensemble.

MUP625. Performance Studies: Bassoon. 2 Credits.
Repeatable. Studio instruction. Repeatable twice for a maximum of 6 credits.
Prereq: Audition to demonstrate proficiency required for admission to MUP 285; coreq for majors: enroll in major ensemble.

MUP626. Performance Studies: Trumpet. 2 Credits.
Repeatable. Studio instruction. Repeatable twice for a maximum of 6 credits.
Prereq: Audition to demonstrate proficiency required for admission to MUP 286; coreq for majors: enroll in major ensemble.

MUP627. Performance Studies: French Horn. 2 Credits.
Repeatable. Studio instruction. Repeatable twice for a maximum of 6 credits.
Prereq: Audition to demonstrate proficiency required for admission to MUP 287; coreq for majors: enroll in major ensemble.

MUP628. Performance Studies: Trombone. 2 Credits.
Repeatable. Studio instruction. Repeatable twice for a maximum of 6 credits.
Prereq: Audition to demonstrate proficiency required for admission to MUP 288; coreq for majors: enroll in major ensemble.

MUP629. Performance Studies: Euphonium. 2 Credits.
Repeatable. Studio instruction. Repeatable twice for a maximum of 6 credits.
Prereq: Audition to demonstrate proficiency required for admission to MUP 289; coreq for majors: enroll in major ensemble.

MUP630. Performance Studies: Tuba. 2 Credits.
Repeatable. Studio instruction. Repeatable twice for a maximum of 6 credits.
Prereq: Audition to demonstrate proficiency required for admission to MUP 290; coreq for majors: enroll in major ensemble.

MUP631. Performance Studies: Percussion. 2 Credits.
Repeatable. Studio instruction. Repeatable twice for a maximum of 6 credits.
Prereq: Audition to demonstrate proficiency required for admission to MUP 291; coreq: MUS 694 Percussion Ensemble; additional coreq for majors: enroll in major ensemble.

MUP641. Performance Studies: Piano. 2-4 Credits.
Repeatable. Studio instruction. Repeatable for maximum of 12 credits.
Prereq: Audition to demonstrate proficiency required for admission to MUP 341 or 371; coreq for majors: enroll in major ensemble.

MUP642. Performance Studies: Harpsichord. 2-4 Credits.
Repeatable. Studio instruction. Repeatable for maximum of 12 credits.
Prereq: Audition to demonstrate proficiency required for admission to MUP 342 or 372; coreq for majors: enroll in major ensemble.

MUP643. Performance Studies: Organ. 2-4 Credits.
Repeatable. Studio instruction. Repeatable for maximum of 12 credits.
Prereq: Audition to demonstrate proficiency required for admission to MUP 343 or 373; coreq for majors: enroll in major ensemble.

MUP644. Performance Studies: Voice. 2-4 Credits.
Repeatable. Studio instruction. Repeatable for maximum of 12 credits.
Prereq: Audition to demonstrate proficiency required for admission to MUP 344 or 374; coreq for majors: enroll in major ensemble.

MUP645. Performance Studies: Violin. 2-4 Credits.
Repeatable. Studio instruction. Repeatable for maximum of 12 credits.
Prereq: Audition to demonstrate proficiency required for admission to MUP 345 or 375; coreq for majors: enroll in major ensemble.

MUP646. Performance Studies: Viola. 2-4 Credits.
Repeatable. Studio instruction. Repeatable for maximum of 12 credits.
Prereq: Audition to demonstrate proficiency required for admission to MUP 346 or 376; coreq for majors: enroll in major ensemble.

MUP647. Performance Studies: Cello. 2-4 Credits.
Repeatable. Studio instruction. Repeatable for maximum of 12 credits.
Prereq: Audition to demonstrate proficiency required for admission to MUP 347 or 377; coreq for majors: enroll in major ensemble.

MUP648. Performance Studies: Bass. 2-4 Credits.
Repeatable. Studio instruction. Repeatable for maximum of 12 credits.
Prereq: Audition to demonstrate proficiency required for admission to MUP 348 or 378; coreq for majors: enroll in major ensemble.

MUP649. Performance Studies: Harp. 2-4 Credits.
Repeatable. Studio instruction. Repeatable for maximum of 12 credits.
Prereq: Audition to demonstrate proficiency required for admission to MUP 349 or 379; coreq for majors: enroll in major ensemble.

MUP651. Performance Studies: Flute. 2-4 Credits.
Repeatable. Studio instruction. Repeatable for maximum of 12 credits.
Prereq: Audition to demonstrate proficiency required for admission to MUP 351 or 381; coreq for majors: enroll in major ensemble.

MUP652. Performance Studies: Oboe. 2-4 Credits.
Repeatable. Studio instruction. Repeatable for maximum of 12 credits.
Prereq: Audition to demonstrate proficiency required for admission to MUP 352 or 382; coreq for majors: enroll in major ensemble.

MUP653. Performance Studies: Clarinet. 2-4 Credits.
Repeatable. Studio instruction. Repeatable for maximum of 12 credits.
Prereq: Audition to demonstrate proficiency required for admission to MUP 353 or 383; coreq for majors: enroll in major ensemble.

MUP654. Performance Studies: Saxophone. 2-4 Credits.
Repeatable. Studio instruction. Repeatable for maximum of 12 credits.
Prereq: Audition to demonstrate proficiency required for admission to MUP 354 or 384; coreq for majors: enroll in major ensemble.

MUP655. Performance Studies: Bassoon. 2-4 Credits.
Repeatable. Studio instruction. Repeatable for maximum of 12 credits.
Prereq: Audition to demonstrate proficiency required for admission to MUP 355 or 385; coreq for majors: enroll in major ensemble.

MUP656. Performance Studies: Trumpet. 2-4 Credits.
Repeatable. Studio instruction. Repeatable for maximum of 12 credits.
Prereq: Audition to demonstrate proficiency required for admission to MUP 356 or 386; coreq for majors: enroll in major ensemble.

MUP657. Performance Studies: French Horn. 2-4 Credits.
Repeatable. Studio instruction. Repeatable for maximum of 12 credits.
Prereq: Audition to demonstrate proficiency required for admission to MUP 356 or 386; coreq for majors: enroll in major ensemble.

MUP658. Performance Studies: Trombone. 2-4 Credits.
Repeatable. Studio instruction. Repeatable for maximum of 12 credits.
Prereq: Audition to demonstrate proficiency required for admission to MUP 358 or 388; coreq for majors: enroll in major ensemble.

MUP659. Performance Studies: Euphonium. 2-4 Credits.
Repeatable. Studio instruction. Repeatable for maximum of 12 credits.
Prereq: Audition to demonstrate proficiency required for admission to MUP 359 or 389; coreq for majors: enroll in major ensemble.

MUP660. Performance Studies: Tuba. 2-4 Credits.
Repeatable. Studio instruction. Repeatable for maximum of 12 credits.
Prereq: Audition to demonstrate proficiency required for admission to MUP 360 or 390; coreq for majors: enroll in major ensemble.

MUP661. Performance Studies: Percussion. 2-4 Credits.
Repeatable. Studio instruction. Repeatable for maximum of 12 credits. Prereq: Audition to demonstrate proficiency required for admission to MUP 361 or 392; coreq: MUS 694 Percussion Ensemble; additional coreq for majors: enroll in major ensemble.

MUP662. Advanced Performance Studies: [Topic]. 1-5 Credits.
Repeatable. Recent topics include Beatles Guitar Music, Jazz Drumset, Baroque Cello, Basso Continuo. Repeatable when topic changes. Repeatable five times for a maximum of 30 credits.

MUP670. Performance Studies: Piano Accompanying. 2-4 Credits.
Repeatable. Studio instruction. Concentration on vocal and instrumental repertoire. Repeatable six times.
Prereq: Audition to master's level.

MUP671. Performance Studies: Piano. 2-4 Credits.
Repeatable. Studio instruction. Repeatable six times.
Prereq: Audition to master's level.

MUP672. Performance Studies: Harpsichord. 2-4 Credits.
Repeatable. Studio instruction. Repeatable six times.
Prereq: Audition to master's level.

MUP673. Performance Studies: Organ. 2-4 Credits.
Repeatable. Studio instruction. Repeatable six times.
Prereq: Audition to master's level.

MUP674. Performance Studies: Voice. 2-4 Credits.
Repeatable. Studio instruction. Repeatable six times.
Prereq: Audition to master's level.

MUP675. Performance Studies: Violin. 2-4 Credits.
Repeatable. Studio instruction. Repeatable six times.
Prereq: Audition to master's level.

MUP676. Performance Studies: Viola. 2-4 Credits.
Repeatable. Studio instruction. Repeatable six times.
Prereq: Audition to master's level.

MUP677. Performance Studies: Cello. 2-4 Credits.
Repeatable. Studio instruction. Repeatable six times.
Prereq: Audition to master's level.

MUP678. Performance Studies: Bass. 2-4 Credits.
Repeatable. Studio instruction. Repeatable six times.
Prereq: Audition to master's level.

MUP679. Performance Studies: Harp. 2-4 Credits.
Repeatable. Studio instruction. Repeatable six times.
Prereq: Audition to master's level.

MUP681. Performance Studies: Flute. 2-4 Credits.
Repeatable. Studio instruction. Repeatable six times.
Prereq: Audition to master's level.

MUP682. Performance Studies: Oboe. 2-4 Credits.
Repeatable. Studio instruction. Repeatable six times.
Prereq: Audition to master's level.

MUP683. Performance Studies: Clarinet. 2-4 Credits.
Repeatable. Studio instruction. Repeatable six times.
Prereq: Audition to master's level.

MUP684. Performance Studies: Saxophone. 2-4 Credits.
Repeatable. Studio instruction. Repeatable six times.
Prereq: Audition to master's level.

MUP685. Performance Studies: Bassoon. 2-4 Credits.
Repeatable. Studio instruction. Repeatable six times.
Prereq: Audition to master's level.

MUP686. Performance Studies: Trumpet. 2-4 Credits.
Repeatable. Studio instruction. Repeatable six times.
Prereq: Audition to master's level.

MUP687. Performance Studies: French Horn. 2-4 Credits.
Repeatable. Studio instruction. Repeatable six times.
Prereq: Audition to master's level.

MUP688. Performance Studies: Trombone. 2-4 Credits.
Repeatable. Studio instruction. Repeatable six times.
Prereq: Audition to master's level.

MUP689. Performance Studies: Euphonium. 2-4 Credits.
Repeatable. Studio instruction. Repeatable six times.
Prereq: Audition to master's level.

MUP690. Performance Studies: Tuba. 2-4 Credits.
Repeatable. Studio instruction. Repeatable six times.
Prereq: Audition to master's level.

MUP691. Performance Studies: Percussion. 2-4 Credits.
Repeatable. Studio instruction. Repeatable six times.
Prereq: Audition to master's level.

MUP741. Performance Studies: Piano. 2-4 Credits.
Repeatable. Studio instruction. Repeatable six times.
Prereq: Audition to doctoral supporting level.

MUP742. Performance Studies: Harpsichord. 2-4 Credits.
Repeatable. Studio instruction. Repeatable six times.
Prereq: Audition to doctoral supporting level.

MUP743. Performance Studies: Organ. 2-4 Credits.
Repeatable. Studio instruction. Repeatable six times.
Prereq: Audition to doctoral supporting level.

MUP744. Performance Studies: Voice. 2-4 Credits.
Repeatable. Studio instruction. Repeatable six times.
Prereq: Audition to doctoral supporting level.

MUP745. Performance Studies: Violin. 2-4 Credits.
Repeatable. Studio instruction. Repeatable six times.
Prereq: Audition to doctoral supporting level.

MUP746. Performance Studies: Viola. 2-4 Credits.
Repeatable. Studio instruction. Repeatable six times.
Prereq: Audition to doctoral supporting level.

MUP747. Performance Studies: Cello. 2-4 Credits.
Repeatable. Studio instruction. Repeatable six times.
Prereq: Audition to doctoral supporting level.

MUP748. Performance Studies: Bass. 2-4 Credits.
Repeatable. Studio instruction. Repeatable six times.
Prereq: Audition to doctoral supporting level.

MUP749. Performance Studies: Harp. 2-4 Credits.
Repeatable. Studio instruction. Repeatable six times.
Prereq: Audition to doctoral supporting level.

MUP751. Performance Studies: Flute. 2-4 Credits.
Repeatable. Studio instruction. Repeatable six times.
Prereq: Audition to doctoral supporting level.

MUP752. Performance Studies: Oboe. 2-4 Credits.
Repeatable. Studio instruction. Repeatable six times.
Prereq: Audition to doctoral supporting level.

MUP753. Performance Studies: Clarinet. 2-4 Credits.
Repeatable. Studio instruction. Repeatable six times.
Prereq: Audition to doctoral supporting level.

MUP754. Performance Studies: Saxophone. 2-4 Credits.
Repeatable. Studio instruction. Repeatable six times.
Prereq: Audition to doctoral supporting level.

MUP755. Performance Studies: Bassoon. 2-4 Credits.
Repeatable. Studio instruction. Repeatable six times.
Prereq: Audition to doctoral supporting level.

MUP756. Performance Studies: Trumpet. 2-4 Credits.
Repeatable. Studio instruction. Repeatable six times.
Prereq: Audition to doctoral supporting level.

MUP757. Performance Studies: French Horn. 2-4 Credits.
Repeatable. Studio instruction. Repeatable six times.
Prereq: Audition to doctoral supporting level.

MUP758. Performance Studies: Trombone. 2-4 Credits.
Repeatable. Studio instruction. Repeatable six times.
Prereq: Audition to doctoral supporting level.

MUP759. Performance Studies: Euphonium. 2-4 Credits.
Repeatable. Studio instruction. Repeatable six times.
Prereq: Audition to doctoral supporting level.

MUP760. Performance Studies: Tuba. 2-4 Credits.
Repeatable. Studio instruction. Repeatable six times.
Prereq: Audition to doctoral supporting level.

MUP761. Performance Studies: Percussion. 2-4 Credits.
Repeatable. Studio instruction. Repeatable six times.
Prereq: Audition to doctoral supporting level.

MUP769. Performance Studies: Data-Driven Instruments. 2-4 Credits.
Examines how recent technology can be performed in real time to actuate and control musical outcomes.
Prereq: Audition to doctoral primary area.

MUP770. Performance Studies: Collaborative Piano. 2-4 Credits.
Studio instruction. Concentration of vocal and instrumental repertoire.
Prereq: Audition to doctoral primary area.

MUP771. Performance Studies: Piano. 2-4 Credits.
Repeatable. Studio instruction. Repeatable six times.
Prereq: Audition to doctoral primary area.

MUP772. Performance Studies: Harpsichord. 2-4 Credits.
Repeatable. Studio instruction. Repeatable six times.
Prereq: Audition to doctoral primary area.

MUP773. Performance Studies: Organ. 2-4 Credits.
Repeatable. Studio instruction. Repeatable six times.
Prereq: Audition to doctoral primary area.

MUP774. Performance Studies: Voice. 2-4 Credits.
Repeatable. Studio instruction. Repeatable six times.
Prereq: Audition to doctoral primary area.

MUP775. Performance Studies: Violin. 2-4 Credits.
Repeatable. Studio instruction. Repeatable six times.
Prereq: Audition to doctoral primary area.

MUP776. Performance Studies: Viola. 2-4 Credits.
Repeatable. Studio instruction. Repeatable six times.
Prereq: Audition to doctoral primary area.

MUP777. Performance Studies: Cello. 2-4 Credits.
Repeatable. Studio instruction. Repeatable six times.
Prereq: Audition to doctoral primary area.

MUP778. Performance Studies: Bass. 2-4 Credits.
Repeatable. Studio instruction. Repeatable six times.
Prereq: Audition to doctoral primary area.

MUP779. Performance Studies: Harp. 2-4 Credits.
Repeatable. Studio instruction. Repeatable six times.
Prereq: Audition to doctoral primary area.

MUP781. Performance Studies: Flute. 2-4 Credits.
Repeatable. Studio instruction. Repeatable six times.
Prereq: Audition to doctoral primary area.

MUP782. Performance Studies: Oboe. 2-4 Credits.
Repeatable. Studio instruction. Repeatable six times.
Prereq: Audition to doctoral primary area.

MUP783. Performance Studies: Clarinet. 2-4 Credits.
Repeatable. Studio instruction. Repeatable six times.
Prereq: Audition to doctoral primary area.

MUP784. Performance Studies: Saxophone. 2-4 Credits.
Repeatable. Studio instruction. Repeatable six times.
Prereq: Audition to doctoral primary area.

MUP785. Performance Studies: Bassoon. 2-4 Credits.
Repeatable. Studio instruction. Repeatable six times.
Prereq: Audition to doctoral primary area.

MUP786. Performance Studies: Trumpet. 2-4 Credits.
Repeatable. Studio instruction. Repeatable six times.
Prereq: Audition to doctoral primary area.

MUP787. Performance Studies: French Horn. 2-4 Credits.
Repeatable. Studio instruction. Repeatable six times.
Prereq: Audition to doctoral primary area.

MUP788. Performance Studies: Trombone. 2-4 Credits.
Repeatable. Studio instruction. Repeatable six times.
Prereq: Audition to doctoral primary area.

MUP789. Performance Studies: Euphonium. 2-4 Credits.
Repeatable. Studio instruction. Repeatable six times.
Prereq: Audition to doctoral primary area.

MUP790. Performance Studies: Tuba. 2-4 Credits.
Repeatable. Studio instruction. Repeatable six times.
Prereq: Audition to doctoral primary area.

MUP791. Performance Studies: Percussion. 2-4 Credits.
Repeatable. Studio instruction. Repeatable six times.
Prereq: Audition to doctoral primary area.

Courses

MUS125. Understanding Music. 4 Credits.
Presents the basic elements of music, historical style periods of Western art music, development of jazz and popular music.

MUS129. Basic Guitar Theory. 2 Credits.
Develops skills to visualize and "think" on the fingerboard. Chords, scales and arpeggios, note location. Interval identification, chord spelling, and scale harmonizations. Students must provide own instrument. Amplifier provided. Basic music reading skills recommended. Extra fee.

MUS131. Music Theory I. 2 Credits.
Elementary study of musical structure, emphasizing the acquisition of descriptive, notational, compositional, and analytical capacity. Sequence.
Prereq: placement examination.

MUS132. Music Theory II. 2 Credits.
Elementary study of musical structure, emphasizing the acquisition of descriptive, notational, compositional, and analytical capacity. Sequence.
Prereq: MUS 131, 134, 137.

MUS133. Music Theory III. 2 Credits.
Elementary study of musical structure, emphasizing the acquisition of descriptive, notational, compositional, and analytical capacity. Sequence.
Prereq: MUS 132, 135, 138.

MUS134. Aural Skills I. 2 Credits.
Elementary ear training through sight singing, dictation, and related activities. Sequence.
Prereq: placement examination.

MUS135. Aural Skills II. 2 Credits.
Elementary ear training through sight singing, dictation, and related activities. Sequence.
Prereq: MUS 131, 134, 137.

MUS136. Aural Skills III. 2 Credits.
Elementary ear training through sight singing, dictation, and related activities. Sequence.
Prereq: MUS 132, 135, 138.

MUS137. Keyboard Skills I. 1 Credit.
Performance of rhythmic patterns, scales, intervals, and chord progressions. Harmonization, transposition, improvisation, and figured bass on the keyboard. Sequence. Keyboard lab fee.

MUS138. Keyboard Skills II. 1 Credit.
Performance of rhythmic patterns, scales, intervals, and chord progressions. Harmonization, transposition, improvisation, and figured bass on the keyboard. Sequence. Keyboard lab fee.
Prereq: MUS 131, 134, 137.

MUS139. Keyboard Skills III. 1 Credit.
Performance of rhythmic patterns, scales, intervals, and chord progressions. Harmonization, transposition, improvisation, and figured bass on the keyboard. Sequence. Keyboard lab fee.
Prereq: MUS 132, 135, 138.

MUS141. Popular Piano and Musicianship I. 4 Credits.
Study musicianship—integrated music theory, ear training, and piano—and understand the historical development of American music through piano instruction in popular music styles. Sequence with MUS 142, MUS 143.

MUS142. Popular Piano and Musicianship II. 4 Credits.
Continuing study of musicianship—integrated music theory, ear training, and piano—through piano instruction in popular music styles. Sequence with MUS 141, MUS 143.
Prereq: MUS 141.

MUS143. Popular Piano and Musicianship III. 4 Credits.
Continuing study of musicianship—integrated music theory, ear training, and piano—through piano instruction in popular music styles. Sequence with MUS 141, MUS 142.
Prereq: MUS 142.

MUS151. Popular Songwriting. 4 Credits.
Composing and producing songs using software applications and studying historical examples to understand how musical techniques reflect societal trends and express ideas. Music background optional.

MUS155. Introduction to Lyric Diction. 2 Credits.
Introduction to pronunciation of standard languages for students pursuing careers related to singing. The International Phonetic Alphabet is applied to the texts of simple repertoire. English, Italian, Spanish. Sequence.
Coreq: MUP 174 or above, Voice.

MUS156. Introduction to Lyric Diction. 2 Credits.
Introduction to pronunciation of standard languages for students pursuing careers related to singing. The International Phonetic Alphabet is applied to the texts of simple repertoire. German, French. Sequence.
Prereq: MUS 155; coreq: MUP 174 or above, Voice.

MUS168. Guided Listening. 1 Credit.
Guided listening experience designed to aid in acquisition of listening skills and experience with the most important repertoire, genres, and styles of Western music.

MUS198. Workshop: [Topic]. 1-2 Credits.
Repeatable.

MUS199. Special Studies: [Topic]. 1-5 Credits.
Repeatable.

MUS227. Elements of Electronic Music. 4 Credits.
Introduction to experimental and popular electronic music. Topics include fundamental elements of musical construction, history, technology, composers, musicians, copyright law, sampling, styles, and aesthetics.

MUS231. Music Theory IV. 2 Credits.
Study of musical structure, emphasizing the acquisition of descriptive, notational, compositional, and analytical capacity. Sequence.
Prereq: MUS 133, 136, 139 or equivalent.

MUS232. Music Theory V. 2 Credits.
Study of musical structure, emphasizing the acquisition of descriptive, notational, compositional, and analytical capacity. Sequence.
Prereq: MUS 231.

MUS233. Music Theory VI. 2 Credits.
Study of musical structure, emphasizing the acquisition of descriptive, notational, compositional, and analytical capacity. Sequence.
Prereq: MUS 232.

MUS234. Aural Skills IV. 2 Credits.
Ear training through sight singing, dictation, and related activities. Sequence.
Prereq: MUS 133, 136, 139 or equivalent.

MUS235. Aural Skills V. 2 Credits.
Ear training through sight singing, dictation, and related activities. Sequence.
Prereq: MUS 234.

MUS236. Aural Skills VI. 2 Credits.
Ear training through sight singing, dictation, and related activities. Sequence.
Prereq: MUS 235.

MUS237. Keyboard Skills IV. 1 Credit.
Performance of rhythmic patterns, scales, intervals, and chord progressions. Harmonization, transposition, improvisation, and figured bass on the keyboard. Sequence. Keyboard lab fee.
Prereq: MUS , 133, 136, 139 or equivalent.

MUS238. Keyboard Skills V. 1 Credit.
Performance of rhythmic patterns, scales, intervals, and chord progressions. Harmonization, transposition, improvisation, and figured bass on the keyboard. Sequence. Keyboard lab fee.
Prereq: MUS 237.

MUS239. Keyboard Skills VI. 1 Credit.
Performance of rhythmic patterns, scales, intervals, and chord progressions. Harmonization, transposition, improvisation, and figured bass on the keyboard. Sequence. Keyboard lab fee.
Prereq: MUS 238.

MUS240. Composition I. 3 Credits.
Introduction to musical composition. Problems of notation, scoring for instruments, basic concepts of form; contemporary techniques; emphasis on student's own beginning creative work. Sequence.
Prereq: MUS 133, 136, 139 or equivalent.

MUS241. Composition I. 3 Credits.
Introduction to musical composition. Problems of notation, scoring for instruments, basic concepts of form; contemporary techniques; emphasis on student's own beginning creative work. Sequence.
Prereq: MUS 240.

MUS242. Composition I. 3 Credits.
Introduction to musical composition. Problems of notation, scoring for instruments, basic concepts of form; contemporary techniques; emphasis on student's own beginning creative work. Sequence.
Prereq: MUS 241.

MUS250. Popular Musics in Global Context. 4 Credits.
Surveys the global popular music landscape of the 20th and 21st centuries, with an emphasis on identity and cultural mixture.

MUS264. Rock History, 1950–70. 4 Credits.
Evolution of rock emphasizing musical style and social context. Roots of rock through the British Invasion.

MUS265. Rock History, 1965 to Present. 4 Credits.
Evolution of rock emphasizing musical style and social context. Psychedelic rock to early rap music.

MUS267. Survey of Music History. 4 Credits.
Study of the history and evolution of music, principally Western art music, from the early Middle Ages to the present.
Prereq: WR 121, MUS 133.

MUS268. Survey of Music History. 4 Credits.
Study of the history and evolution of music, principally Western art music, from the early Middle Ages to the present.
Prereq: WR 121, MUS 133; pass Listening Repertoire Identification Exam.

MUS269. Survey of Music History. 4 Credits.
Study of the history and evolution of music, principally Western art music, from the early Middle Ages to the present.
Prereq: WR 121, MUS 133; pass Listening Repertoire Identification Exam.

MUS270. History of the Blues. 4 Credits.
Traces blues music from its African and African American roots through its 20th-century history and its influence on the values of jazz, rhythm and blues, and country music.

MUS281. Music of the Woodstock Generation. 4 Credits.
Examines the relationship between popular music and social upheavals in the United States during the 1960s.

MUS322. Music Fundamentals. 3 Credits.
Music notation and terminology; learning musical rudiments through singing simple songs; introduction to simple melodic, rhythmic, and harmonic instruments. Laboratory fee. Educational foundations majors only.

MUS327. Analysis: [Topic]. 3 Credits.
Techniques of analysis in various types of music. Repeatable when topic changes.
Prereq: MUS 233, 236, 239.

MUS340. Composition II. 3 Credits.
Composition and public performance of small works for piano, voice, and small ensembles.
Prereq: MUS 242 or equivalent.

MUS341. Composition II. 3 Credits.
Composition and public performance of small works for piano, voice, and small ensembles.
Prereq: MUS 242 or equivalent.

MUS342. Composition II. 3 Credits.
Composition and public performance of small works for piano, voice, and small ensembles.
Prereq: MUS 242 or equivalent.

MUS345M. Music, Politics, and Race. 4 Credits.
Examines a variety of musical forms and their relationship to histories of racial and social justice, inequality, and political movements. Offered alternate years. Multilisted with ES 345M.

MUS349. American Ethnic and Protest Music. 3 Credits.
Social change and ethnicity reflected by music of and about Native Americans, African Americans, and women as well as songs of protest and Spanish-speaking groups.

MUS351. The Music of Bach and Handel. 4 Credits.
Compositions by Bach and Handel such as organ chorales, cantatas, oratorios, operas, and masses; cultural context in Germany, France, Italy, and England for the development of their styles.

MUS353. Survey of Opera. 4 Credits.
Introduces great operas including works by Mozart, Wagner, and Verdi. Primarily for nonmajors.

MUS356. Innovative Jazz Musicians: [Topic]. 4 Credits.
Covers one or two innovative and influential jazz musicians per term. Examines issues of history, biography, multiculturalism, racism, and critical reception. Repeatable twice when topic changes for maximum of 12 credits.

MUS358. Music in World Cultures. 4 Credits.
Music of Africa, India, and Indonesia in sociocultural context. Emphasis on listening skills, relationships between music and culture, aesthetics, styles, genres, music structures and forms, and participatory music making.

MUS359. Music of the Americas. 4 Credits.
African American, Latin American, and Native American music in sociocultural context. Includes listening skills, music-culture relationship, aesthetics, styles, genres, music structures and forms, and participatory music making.

MUS360. Hip-Hop Music: History, Culture, Aesthetics. 4 Credits.
Examines the history and evolution of hip-hop and rap music in the late 20th and early 21st centuries.

MUS363. The Beatles and Their Times. 4 Credits.
Presents and examines the music of the Beatles in the context of post–World War II English and United States cultures and 1960s Western youth cultures.

MUS365. Regional Ethnomusicology: [Topic]. 4 Credits.
Students analyze the music and dance of a specified geographic region in relation to its culture. Covers local performance and genres, social constructions. Repeatable twice for a maximum of 12 credits when geographic region changes.

MUS380. Film: Drama, Photography, Music. 4 Credits.
Understanding the manner in which drama, photography, and music combine to form the whole through extensive viewing and analysis.

MUS382. American Musical Theater. 4 Credits.
Students analyze selected American musicals in relation to social conditions and events at different junctures in the 19th, 20th, and 21st centuries. Offered alternate years.

MUS384. Introduction to Conducting. 2 Credits.
Introduction to conducting with emphasis on the art and study of conducting, baton and left-hand technique, nonverbal communication, leadership, terminology, transpositions, and score reading.
Prereq: MUS 233, 236, 239, 267, 268, and 269.

MUS390. East European Folk Ensemble. 2 Credits.
Performance ensemble in which instrumentalists learn village-style folk dance music from Bulgaria, Macedonia, Serbia, Greece, and neighboring regions of Eastern Europe. Repeatable twice for maximum of 6 credits.

MUS391. Collegium Musicum. 1-3 Credits.
Study of music repertoire of the medieval, Renaissance, and baroque periods through rehearsals and extensive sight-reading; vocal and instrumental repertoire. Ensemble fee.
Prereq: audition.

MUS393. Oregon Electronic Device Orchestra. 2 Credits.
Performance ensemble that uses data-driven musical instruments in combination with software and hardware to perform music and intermedia compositions.
Prereq: MUS 447 or 448.

MUS394. Chamber Ensemble: [Topic]. 1 Credit.
Accompanying, Brass Choir, Brass Ensemble, Chamber Ensemble, Trombone Ensemble, Tuba and Euphonium Ensemble, Studio Guitar Ensemble, Jazz Guitar Ensemble, Oregon Percussion Ensemble.
Prereq: audition (except chamber ensemble).

MUS395. Band: [Topic]. 1-2 Credits.
Repeatable. Green Garter Band, Oregon Basketball Band, Oregon Marching Band, Oregon Wind Ensemble, UO Campus Band, UO Symphonic Band, Yellow Garter Band. Ensemble fee for Oregon Wind Ensemble, UO Symphonic Band, UO Campus Band.
Prereq: audition (except UO Campus Band and Oregon Marching Band).

MUS396. Orchestra: [Topic]. 2 Credits.
Repeatable. University Symphony Orchestra, Campus Orchestra. Ensemble fee.
Prereq: audition.

MUS397. Chorus: [Topic]. 2 Credits.
Repeatable. Chamber Choir, Concert Choir, Gospel Singers, Repertoire Singers, University Gospel Choir, University Gospel Ensemble, University Singers. Ensemble fee.
Prereq: audition or voice screening (except Gospel Choir, Men's Choir, and Women's Choir).

MUS398. Opera Workshop. 2 Credits.
Repeatable. Traditional and contemporary repertory for musical theater through analysis, rehearsal, and performance of complete and excerpted works; training in stage movement, diction, and rehearsal techniques.
Prereq: audition.

MUS399. Special Studies: [Topic]. 1-5 Credits.
Repeatable.

MUS401. Research: [Topic]. 1-21 Credits.
Repeatable.

MUS403. Thesis. 1-12 Credits.
Repeatable.

MUS405. Reading and Conference: [Topic]. 1-4 Credits.
Repeatable. Individual study of topics agreed upon by the student and faculty adviser.
Prereq: completion of all regularly scheduled courses related to the topic or equivalent.

MUS407. Seminar: [Topic]. 1-5 Credits.
Repeatable. Various topics at an advanced level, offered periodically according to student and faculty interest and availability.

MUS408. Workshop: [Topic]. 1-21 Credits.
Repeatable. A recent topic is Javanese Gamelan.

MUS409. Supervised Tutoring. 1-21 Credits.
Repeatable.

MUS410. Experimental Course: [Topic]. 1-5 Credits.
Repeatable. Recent courses include Meditation for Performers, Andean Music Ensemble, Campus Orchestra.

MUS412. Music Theory Review. 2 Credits.
Review of tonal theory. Graduate entrance examination required.

MUS413. Music History Review. 3 Credits.
Review of music history from the medieval period to the present. Graduate entrance examination required.

MUS414. Aural Skills Review. 2 Credits.
Review of aural skills and sight singing. Graduate entrance examination required.

MUS415. Advanced Aural Skills. 3 Credits.
Develops students' sight-singing and dictation skills in chromatic tonal music and introduces them to sight-singing and dictation strategies for atonal music. Offered alternate years.

MUS416. Post-Tonal Theory I. 3 Credits.
Introduction to theory and analysis of post-tonal music. Concepts of pitch-class set analysis and practical applications. Sequence. Offered alternate years.
Prereq: MUS 327.

MUS417. Post-Tonal Theory II. 3 Credits.
Introduction to theory and analysis of post-tonal music. Concepts of pitch-class set analysis and practical applications. Sequence. Offered alternate years.
Prereq: MUS 416.

MUS421. The Collaborative Pianist. 2 Credits.
Comprehensive study of techniques and literature for artistic ensemble performance by pianists. Includes chamber music, art song, opera arias, accompaniment, sight-reading, and orchestral reduction skills. Sequence. Repeatable once each for maximum of 4 credits per course.
Prereq: MUP 271 or above.

MUS422. The Collaborative Pianist. 2 Credits.
Comprehensive study of techniques and literature for artistic ensemble performance by pianists. Includes chamber music, art song, opera arias, accompaniment, sight-reading, and orchestral reduction skills. Sequence. Repeatable once each for maximum of 4 credits per course.
Prereq: MUS 421.

MUS423. The Collaborative Pianist. 2 Credits.
Comprehensive study of techniques and literature for artistic ensemble performance by pianists. Includes chamber music, art song, opera arias, accompaniment, sight-reading, and orchestral reduction skills. Sequence. Repeatable once each for maximum of 4 credits per course.
Prereq: MUS 422.

MUS424. Advanced Keyboard Harmony. 3 Credits.
Development of skills in figured bass realization, melody harmonization, and score reading at the keyboard. Offered alternate years.

MUS430. Schenkerian Analysis. 3 Credits.
Analytical techniques, developed by Heinrich Schenker, studied through application to music of all periods and styles. Sequence.
Prereq: MUS 327.

MUS431. Schenkerian Analysis. 3 Credits.
Analytical techniques, developed by Heinrich Schenker, studied through application to music of all periods and styles. Sequence.
Prereq: MUS 430.

MUS433. Counterpoint. 4 Credits.
Study of modal and tonal counterpoint through analysis and composition: 16th-century sacred polyphony.
Prereq: MUS 233, 236.

MUS434. Counterpoint. 4 Credits.
Study of modal and tonal counterpoint through analysis and composition: baroque imitative counterpoint.
Prereq: MUS 433.

MUS435. Counterpoint. 4 Credits.
Study of modal and tonal counterpoint through analysis and composition: varies—typically devoted to more advanced fugal writing, 20th-century counterpoint, or other modal composition.
Prereq: MUS 434.

MUS438. Composers Forum. 1 Credit.
Formulation of a two- or three-concert series of student compositions; sessions with visiting composers and UO performers and listening projects related to these residencies. Repeatable eleven times for a maximum of 12 credits.

MUS439. Scoring for Voices and Instruments. 3 Credits.
Techniques of arranging and scoring for various types of choral and instrumental groups.
Prereq: MUS 233, 236, 239.

MUS440. Composition III. 3 Credits.
Composition and public performance of works including large or chamber ensembles. Preparation of works for senior recital.
Prereq: MUS 342.

MUS441. Composition III. 3 Credits.
Composition and public performance of works including large or chamber ensembles. Preparation of works for senior recital.
Prereq: MUS 342.

MUS442. Composition III. 3 Credits.
Composition and public performance of works including large or chamber ensembles. Preparation of works for senior recital.
Prereq: MUS 342.

MUS445. Electronic Composition. 3 Credits.
Develops an elementary understanding about how computers and software are used to process digital audio and create musical compositions. Laboratory fee. Repeatable twenty-four times for maximum of 75 credits.
Prereq: MUS 447, 448, 476.

MUS446. Computer Music Applications: [Topic]. 3 Credits.
Use of computers for music notation, education, analysis, performance, research, and other applications. Repeatable three times when topic changes for maximum of 12 credits.

MUS447. Digital Audio and Sound Design. 4 Credits.
Examines concepts of digital audio representation, sampling, and processing; considers audio mixing, basic synthesis, and sound modification techniques and fundamentals of electroacoustic composition.

MUS448. Interactive Media Performance. 3 Credits.
Examines concepts of interactive performance using MIDI, digital audio, and video processing, and considers issues related to designing performance algorithms in software.

MUS450. SensorMusik. 3 Credits.
Repeatable. Examines the fundamental principles for microprocessors and sensor interface design within the context of musical performance, composition, and improvisation. Repeatable thrice for a maximum of 12 credits.

MUS451. Introduction to Ethnomusicology. 4 Credits.
World musics studied in their social and cultural contexts. Compares the varied approaches, ideas, and methods of selected American and European researchers since 1980.

MUS452. Musical Instruments of the World. 4 Credits.
Examines instruments of the world in their cultural contexts. Covers cross-cultural issues and focuses on particular geographic areas. Includes films, recordings, live demonstrations.

MUS453. Folk Music of the Balkans. 4 Credits.
Forms and styles of folk musics and dances in their cultural contexts in southeastern Europe: Albania, Bosnia, Bulgaria, Croatia, Greece, Macedonia, Romania, Serbia.

MUS454. Music of India. 4 Credits.
Classical music traditions of North and South India with some discussion of dance, rural folk music, and popular film music; participatory music making and demonstrations by visiting artists.

MUS455. Lyric Diction. 3 Credits.
Analysis and International Phonetic Alphabet transcription of song and opera texts with emphasis on the singer's approach to performance. Offered alternate years.
Prereq: MUS 156.

MUS456. Lyric Diction. 3 Credits.
Analysis and International Phonetic Alphabet transcription of song and opera texts with emphasis on the singer's approach to performance. Offered alternate years.
Prereq: MUS 156.

MUS457. Native American Music. 4 Credits.
Survey of ceremonial, powwow, folk, and contemporary music; women's musical traditions; Native American film music. Powwow drumming and singing in indigenous languages taught by a Native American. Offered summer session only.

MUS458. Celtic Music. 4 Credits.
Explores music and culture of Ireland, Scotland, Wales, and Brittany. History, culture, and modern and old performance styles studied.

MUS459. African Music. 4 Credits.
Authentic musical instruments, repertoire, and recordings illustrate how different societies use music to express identity in a contemporary and ever-changing Africa. Traditional and recent popular styles. Offered summer session only.

MUS460. Music and Gender. 4 Credits.
Examines the role of gender in shaping the music that is created, performed, taught, and listened to in representative cultures of the world, including the West.

MUS462. Popular Musics in the African Diaspora. 4 Credits.
Examines social and historical contexts of popular musics in the African diaspora from the 20th century forward. Geographic focus is North America, the Caribbean, and Africa.

MUS467. Solo Vocal Music. 3 Credits.
Solo songs with accompaniment; the lute air and Purcell; 19th-century art songs in Germany and France; 20th-century British, American, and Continental song literature; development of bases for artistic performance and sound critical judgment through study of text, voice, and accompaniment. Offered alternate years.
Prereq: MUS 269 or equivalent.

MUS468. Solo Vocal Music. 3 Credits.
Solo songs with accompaniment; the lute air and Purcell; 19th-century art songs in Germany and France; 20th-century British, American, and Continental song literature; development of bases for artistic performance and sound critical judgment through study of text, voice, and accompaniment. Offered alternate years.
Prereq: MUS 269 or equivalent.

MUS470. History of Electroacoustic Music. 3 Credits.
Examines the development of aesthetic movements, styles, media, instruments, and performance practice related to electroacoustic music. Repeatable once with no conditions.
Prereq: Standing as a music technology major or meeting the prerequisites for history survey courses.

MUS471. Musical Performance Networks. 3 Credits.
Examines various types of network architectures and data-processing and mapping strategies that can be applied to real-time musical outcomes. Repeatable with no conditions.

MUS474. History of Opera. 4 Credits.
Critical study of the musical and dramatic content of operas forming the standard international repertoire, from Monteverdi to Mozart.
Prereq: MUS 269 or equivalent.

MUS475. History of Opera. 4 Credits.
Critical study of the musical and dramatic content of operas forming the standard international repertoire, from Mozart to the present.
Prereq: MUS 269 or equivalent.

MUS476. Digital Audio Workstation Tech I. 3 Credits.
Explores how MIDI (musical instrument digital interface) is used to compose, edit, and record using a personal computer. Sequence with MUS 477 and 478. Basic Mac skills recommended. Repeatable once for a maximum of 6 credits.

MUS477. Digital Audio Workstation Tech II. 3 Credits.
Explores the principles and techniques used in recording audio with a computer. Sequence with MUS 476 and 478. Repeatable once for a maximum of 6 credits.
Prereq: MUS 476.

MUS478. Digital Audio Workstation Tech III. 3 Credits.
Explores advanced uses of plug-ins, mixing, and editing using a computer. Sequence with MUS 476 and 477. Repeatable once for a maximum of 6 credits.
Prereq: MUS 477.

MUS480. Audio Recording Techniques I. 3 Credits.
Hardware and software techniques for use in a recording studio environment, including microphone usage, recording techniques, and digital production. Sequence with MUS 481, 482.

MUS481. Audio Recording Techniques II. 3 Credits.
Application of advanced recording techniques. Sequence with MUS 480, 482.
Pre- or coreq: MUS 480.

MUS482. Audio Recording Techniques III. 3 Credits.
Focuses on the production concepts and techniques necessary to produce a full-length, professional-quality compact disc. Sequence with MUS 480, 481.
Prereq: MUS 481.

MUS484. Choral Conducting and Literature. 3 Credits.
Choral conducting, gesture and communication, rehearsal technique, and choral literature appropriate for secondary school choral music programs (grades 6–12), community youth choirs, and collegiate emsembles. Repeatable once for maximum of 6 credits.
Prereq: MUP 140 or higher.

MUS486. Instrumental Conducting. 3 Credits.
Conducting techniques as applied to band and orchestral music with emphasis on various styles and periods of music; study of 20th-century rhythms and related conducting problems. Repeatable once for a maximum of 6 credits.
Prereq: major standing.

MUS490. Balinese Gamelan. 2 Credits.
Pacific Rim Gamelan ensemble. Performance of original compositions and traditional music for gamelan. Limited to twelve performers. Three public performances a year.

MUS499. Senior Project. 3 Credits.
Projects in music history, analysis, theory, composition, performance, or related disciplines designed by the student in consultation with the instructor. Repeatable twice for maximum of 9 credits.

MUS503. Thesis. 1-16 Credits.
Repeatable.

MUS507. Seminar: [Topic]. 1-5 Credits.
Repeatable. Various topics at an advanced level, offered periodically according to student and faculty interest and availability.

MUS508. Workshop: [Topic]. 1-21 Credits.
Repeatable. A recent topic is Javanese Gamelan.

MUS510. Experimental Course: [Topic]. 1-5 Credits.
Repeatable.

MUS515. Advanced Aural Skills. 3 Credits.
Develops students' sight-singing and dictation skills in chromatic tonal music and introduces them to sight-singing and dictation strategies for atonal music. Offered alternate years.

MUS516. Post-Tonal Theory I. 3 Credits.
Introduction to theory and analysis of post-tonal music. Concepts of pitch-class set analysis and practical applications. Sequence. Offered alternate years.

MUS517. Post-Tonal Theory II. 3 Credits.
Introduction to theory and analysis of post-tonal music. Concepts of pitch-class set analysis and practical applications. Sequence. Offered alternate years.
Prereq: MUS 416/516.

MUS521. The Collaborative Pianist. 2 Credits.
Comprehensive study of techniques and literature for artistic ensemble performance by pianists. Includes chamber music, art song, opera arias, accompaniment, sight-reading, and orchestral reduction skills. Sequence. Repeatable once each for maximum of 4 credits per course.

MUS522. The Collaborative Pianist. 2 Credits.
Comprehensive study of techniques and literature for artistic ensemble performance by pianists. Includes chamber music, art song, opera arias, accompaniment, sight-reading, and orchestral reduction skills. Sequence. Repeatable once each for maximum of 4 credits per course.
Prereq: MUS 421/521.

MUS523. The Collaborative Pianist. 2 Credits.
Comprehensive study of techniques and literature for artistic ensemble performance by pianists. Includes chamber music, art song, opera arias, accompaniment, sight-reading, and orchestral reduction skills. Sequence. Repeatable once each for maximum of 4 credits per course.
Prereq: MUS 422/522.

MUS524. Advanced Keyboard Harmony. 3 Credits.
Development of skills in figured bass realization, melody harmonization, and score reading at the keyboard. Offered alternate years.

MUS530. Schenkerian Analysis. 3 Credits.
Analytical techniques, developed by Heinrich Schenker, studied through application to music of all periods and styles. Sequence.

MUS531. Schenkerian Analysis. 3 Credits.
Analytical techniques, developed by Heinrich Schenker, studied through application to music of all periods and styles. Sequence.
Prereq: MUS 4/530.

MUS533. Counterpoint. 4 Credits.
Study of modal and tonal counterpoint through analysis and composition: 16th-century sacred polyphony.

MUS534. Counterpoint. 4 Credits.
Study of modal and tonal counterpoint through analysis and composition: baroque imitative counterpoint.
Prereq: MUS 4/533.

MUS535. Counterpoint. 4 Credits.
Study of modal and tonal counterpoint through analysis and composition: focus varies—typically devoted to more advanced fugal writing, 20th-century counterpoint, or other modal composition.
Prereq: MUS 4/534.

MUS538. Composers Forum. 1 Credit.
Formulation of a two- or three-concert series of student compositions; sessions with visiting composers and UO performers and listening projects related to these residencies. Repeatable eleven times for a maximum of 12 credits.

MUS539. Scoring for Voices and Instruments. 3 Credits.
Techniques of arranging and scoring for various types of choral and instrumental groups.

MUS540. Composition III. 3 Credits.
Composition and public performance of works including large or chamber ensembles. Preparation of works for senior recital.

MUS541. Composition III. 3 Credits.
Composition and public performance of works including large or chamber ensembles. Preparation of works for senior recital.

MUS542. Composition III. 3 Credits.
Composition and public performance of works including large or chamber ensembles. Preparation of works for senior recital.

MUS547. Digital Audio and Sound Design. 4 Credits.
Examines concepts of digital audio representation, sampling, and processing; considers audio mixing, basic synthesis, and sound modification techniques and fundamentals of electroacoustic composition.

MUS548. Interactive Media Performance. 3 Credits.
Examines concepts of interactive performance using MIDI, digital audio, and video processing, and considers issues related to designing performance algorithms in software.

MUS550. SensorMusik. 3 Credits.
Examines the fundamental principles for microprocessors and sensor interface design within the context of musical performance, composition, and improvisation. Repeatable thrice for a maximum of 12 credits.

MUS551. Introduction to Ethnomusicology. 4 Credits.
World musics studied in their social and cultural contexts. Compares the varied approaches, ideas, and methods of selected American and European researchers since 1980.

MUS552. Musical Instruments of the World. 4 Credits.
Examines instruments of the world in their cultural contexts. Covers cross-cultural issues and focuses on particular geographic areas. Includes films, recordings, live demonstrations.

MUS553. Folk Music of the Balkans. 4 Credits.
Forms and styles of folk musics and dances in their cultural contexts in southeastern Europe: Albania, Bosnia, Bulgaria, Croatia, Greece, Macedonia, Romania, Serbia.

MUS554. Music of India. 4 Credits.
Classical music traditions of North and South India with some discussion of dance, rural folk music, and popular film music; participatory music making and demonstrations by visiting artists.

MUS555. Lyric Diction. 3 Credits.
Analysis and International Phonetic Alphabet transcription of song and opera texts with emphasis on the singer's approach to performance. Offered alternate years.

MUS556. Lyric Diction. 3 Credits.
Analysis and International Phonetic Alphabet transcription of song and opera texts with emphasis on the singer's approach to performance. Offered alternate years.

MUS557. Native American Music. 4 Credits.
Survey of ceremonial, powwow, folk, and contemporary music; women's musical traditions; Native American film music. Powwow drumming and singing in indigenous languages taught by a Native American. Offered summer session only.

MUS558. Celtic Music. 4 Credits.
Explores music and culture of Ireland, Scotland, Wales, and Brittany. History, culture, and modern and old performance styles studied.

MUS559. African Music. 4 Credits.
Authentic musical instruments, repertoire, and recordings illustrate how different societies use music to express identity in a contemporary and ever-changing Africa. Traditional and recent popular styles. Addison. Offered summer session only.

MUS560. Music and Gender. 4 Credits.
Examines the role of gender in shaping the music that is created, performed, taught, and listened to in representative cultures of the world, including the West.

MUS562. Popular Musics in the African Diaspora. 4 Credits.
Examines social and historical contexts of popular musics in the African diaspora from the 20th century on. Geographic focus is North America, the Caribbean, and Africa.

MUS567. Solo Vocal Music. 3 Credits.
Solo songs with accompaniment; the lute air and Purcell; 19th-century art songs in Germany and France; 20th-century British, American, and Continental song literature; development of bases for artistic performance and sound critical judgment through study of text, voice, and accompaniment. Offered alternate years.

MUS568. Solo Vocal Music. 3 Credits.
Solo songs with accompaniment; the lute air and Purcell; 19th-century art songs in Germany and France; 20th-century British, American, and Continental song literature; development of bases for artistic performance and sound critical judgment through study of text, voice, and accompaniment. Offered alternate years.

MUS570. History of Electroacoustic Music. 3 Credits.
Examines the development of aesthetic movements, styles, media, instruments, and performance practice related to electroacoustic music. Repeatable once with no conditions.
Prereq: Standing as a music technology major or meeting the prerequisites for history survey courses.

MUS571. Musical Performance Networks. 3 Credits.
Examines various types of network architectures and data-processing and mapping strategies that can be applied to real-time musical outcomes. Repeatable with no conditions.

MUS574. History of Opera. 4 Credits.
Critical study of the musical and dramatic content of operas forming the standard international repertoire, from Monteverdi to Mozart. Sequence.

MUS575. History of Opera. 4 Credits.
Critical study of the musical and dramatic content of operas forming the standard international repertoire, from Mozart to the present. Sequence.

MUS576. Digital Audio Workstation Tech I. 3 Credits.
Explores how MIDI (musical instrument digital interface) is used to compose, edit, and record using a personal computer. Sequence with MUS 577 and 578. Basic Mac skills recommended. Repeatable once for a maximum of 6 credits.

MUS577. Digital Audio Workstation Tech II. 3 Credits.
Explores the principles and techniques used in recording audio with a computer. Sequence with MUS 576 and 578. Repeatable once for a maximum of 6 credits.
Prereq: MUS 576.

MUS578. Digital Audio Workstation Tech III. 3 Credits.
Explores advanced uses of plug-ins, mixing, and editing using a computer. Sequence with MUS 576 and 577. Repeatable once for a maximum of 6 credits.
Prereq: MUS 577.

MUS580. Audio Recording Techniques I. 3 Credits.
Hardware and software techniques for use in a recording studio environment, including microphone usage, recording techniques, and digital production. Sequence with MUS 581, 582.

MUS581. Audio Recording Techniques II. 3 Credits.
Application of advanced recording techniques. Sequence with MUS 580, 582.
Pre- or coreq: MUS 580.

MUS582. Audio Recording Techniques III. 3 Credits.
Focuses on the production concepts and techniques necessary to produce a full-length, professional-quality compact disc. Sequence with MUS 580, 581.
Prereq: MUS 581.

MUS584. Choral Conducting and Literature. 3 Credits.
Choral conducting, gesture and communication, rehearsal technique, and choral literature appropriate for secondary school choral music programs (grades 6–12), community youth choirs, and collegiate emsembles. Repeatable once for maximum of 6 credits.

MUS590. Balinese Gamelan. 2 Credits.
Pacific Rim Gamelan ensemble. Performance of original compositions and traditional music for gamelan. Limited to twelve performers. Three public performances a year.

MUS601. Research: [Topic]. 1-16 Credits.
Repeatable.

MUS602. Supervised College Teaching. 1-5 Credits.
Repeatable.

MUS603. Dissertation. 1-16 Credits.
Repeatable.

MUS605. Reading and Conference: [Topic]. 1-4 Credits.
Repeatable. Individual study of topics beyond the availability of the standard curriculum.
Prereq: completion of all regularly scheduled courses related to the topic.

MUS607. Seminar: [Topic]. 1-5 Credits.
Repeatable. Studies of various topics at an advanced level offered periodically according to student and faculty interest and availability. Extra fee for Oregon Bach Festival seminars.

MUS608. Workshop: [Topic]. 1-16 Credits.
Repeatable.

MUS609. Terminal Project. 1-16 Credits.
Repeatable.

MUS610. Experimental Course: [Topic]. 1-5 Credits.
Repeatable. Recent courses include Campus Orchestra.

MUS611. Research Methods in Music. 3 Credits.
Use of reference, research, and bibliographical sources in music. Sequence.

MUS614. Introduction to Musicology. 4 Credits.
Introduces musicology and several of its subfields; includes current and recent arguments.
Prereq: major standing.

MUS620. Bibliography in Instrumental Conducting. 3 Credits.
Survey of research in conducting. Discussion of rehearsal strategies and psychology.

MUS621. Wind Repertoire. 3 Credits.
Survey and analysis of music composed for large wind groups, from 1500 to the present. Sequence.

MUS622. Wind Repertoire. 3 Credits.
Survey and analysis of music composed for large wind groups, from 1500 to the present. Sequence.
Prereq: MUS 621.

MUS623. Wind Repertoire. 3 Credits.
Survey and analysis of music composed for large wind groups, from 1500 to the present. Sequence.
Prereq: MUS 622.

MUS624. Instrumental Conducting Laboratory. 2 Credits.
Study, preparation, and conducting of works for instrumental ensembles in rehearsals and performances. Repeatable twice for maximum of 6 credits.

MUS625. Orchestral Music: Bach to Beethoven. 2 Credits.
Survey of orchestral music from Bach to Beethoven. Sequence with MUS 626. Offered alternate years.

MUS626. Orchestral Music: 1825 to Modern. 2 Credits.
Survey of orchestral music from 1825 to the modern era. Sequence with MUS 625. Offered alternate years.

MUS629. Repertoire and Analysis. 3 Credits.
Analytical interpretations of musical works in a context that focuses on repertoire rather than on particular analytical methodologies. The pieces studied vary each time the course is offered. Repeatable with varying repertoire.

MUS630. History of Theory I. 3 Credits.
Examination and evaluation of theories of music from ancient times to the 16th century, including Aristides Quintilianus, Boethius, Hucbald, Guido, Franco, Tinctoris, Ramis, and Aron. Offered alternate years.

MUS631. History of Theory II. 3 Credits.
Examination and evaluation of theories of music from the 16th to 19th centuries, including Glarean, Zarlino, Descartes, Rameau, Tartini, Kirnberger, C. P. E. Bach, Fetis, Sechter, and Helmholtz. Offered alternate years.

MUS632. History of Theory III. 3 Credits.
Theories of harmony and structure ranging from the mid-19th century to the present, including Hauptmann, Riemann, Schenker, Schoenberg, Hindemith, Babbitt, Forte, Lewin, Straus, and Lerdahl. Offered alternate years.

MUS633. Advanced Schenkerian Analysis. 3 Credits.
Advanced analytical techniques developed by Heinrich Schenker.
Pre- or coreq: MUS 431/531 or equivalent.

MUS634. Advanced Post-Tonal Theory. 3 Credits.
Analytic approaches to twelve-tone music.

MUS640. Advanced Composition Studies. 3 Credits.
Studio instruction in composition. Repeatable twice for a maximum of 9 credits.
Prereq: MUS 4/542; coreq: MUS 538.

MUS641. Advanced Composition Studies. 3 Credits.
Studio instruction in composition. Repeatable twice for a maximum of 9 credits.
Prereq: MUS 640; coreq: MUS 538.

MUS642. Advanced Composition Studies. 3 Credits.
Studio instruction in composition. Repeatable twice for a maximum of 9 credits.
Prereq: MUS 641; coreq MUS 538.

MUS643. Notation of Medieval and Renaissance Music. 3 Credits.
Representative examples of notational systems and practices in Western European polyphony from 900 to 1600. Offered alternate years.

MUS644. Notation of Medieval and Renaissance Music. 3 Credits.
Representative examples of notational systems and practices in Western European polyphony from 900 to 1600. Offered alternate years.

MUS645. Advanced Electronic Composition. 3 Credits.
Repeatable. Develops an advanced understanding of computers and software and how they are used to process digital audio and create musical and mediacompositions. Repeatable with instructor's consent.
Prereq: MUS 547, 548, 576; or equivalent.

MUS650. Piano Literature. 3 Credits.
Advanced study of solo piano literature from Bach to the present. Sequence with MUS 650, 651, 652. Offered alternate years.

MUS651. Piano Literature. 3 Credits.
Advanced study of solo piano literature from Bach to the present. Sequence with MUS 650, 651, 652. Offered alternate years.
Prereq: MUS 650.

MUS652. Piano Literature. 1-3 Credits.
Advanced study of solo piano literature from Bach to the present. Sequence with MUS 650, 651, 652. Offered alternate years.
Prereq: MUS 651.

MUS660. Music in the Middle Ages. 3 Credits.
Sources of Western European music in classical antiquity and the Near East; sacred monophony, secular monophony; development of polyphony. Offered alternate years.

MUS661. Music in the Renaissance. 3 Credits.
The central Renaissance style in 15th-century France and Italy; high Renaissance music; late Renaissance music; developments in England and Germany; instrumental music; Renaissance music theory. Offered alternate years.

MUS662. Music in the Baroque Era. 3 Credits.
Musical genres in Italy, France, Germany, Austria, Britain, the Netherlands, Spain, Mexico, and South America in historical, social, political, and cultural contexts—early 17th century through Bach and Handel. Offered alternate years.

MUS663. Music in the Classical Period. 3 Credits.
Study of galant, Emfindsamer, and classical styles from c. 1730 to Boccherini, Haydn, and Mozart. Focus on instrumental and sacred music, and on opera before Mozart. Offered alternate years.

MUS664. Music in the Romantic Era. 3 Credits.
Virtuosic and lyric extremes in instrumental and vocal styles. Literary romanticism, descriptive music, and the Lied; opera in France and Italy; Wagner's music drama as Gesamtkunstwerk. Offered alternate years.

MUS665. Music in the 20th Century. 3 Credits.
Crisis of romanticism and tonality: transition of Debussy, Mahler, and others; new styles of Stravinsky, Schoenberg, Bartok; developments in the United States; implications of recent trends. Offered alternate years.

MUS680. Historical Performance Practices I. 3 Credits.
Introduction to theory and practice of sound production, rhetoric, pronunciation, instrumentation, pitch, temperament, and ornamentation in period vocal and instrumental solo and ensemble music, from the 12th through 16th centuries. Offered once every third year.

MUS681. Historical Performance Practices II. 3 Credits.
Introduction to theory and practice of sound production, rhetoric, pronunciation, instrumentation, pitch, temperament, and ornamentation in period vocal and instrumental solo and ensemble music in the 17th and early 18th centuries. Offered once every third year.

MUS682. Historical Performance Practices III. 3 Credits.
Introduction to theory and practice of sound production, rhetoric, pronunciation, instrumentation, pitch, temperament, and ornamentation in period vocal and instrumental solo and ensemble music in the late 18th and 19th centuries. Offered once every third year.

MUS690. East European Folk Ensemble. 2 Credits.
Performance ensemble in which participants learn to play village-style folk dance music from Bulgaria, Macedonia, Serbia, Greece, and neighboring regions of Eastern Europe. Repeatable twice for a maximum of 6 credits.
Prereq: instructor's consent.

MUS691. Collegium Musicum. 1-3 Credits.
Study of music repertoire of the medieval, Renaissance, and baroque periods through rehearsals and extensive sight-reading; vocal and instrumental repertoire. Ensemble fee.
Prereq: audition.

MUS693. Oregon Electronic Device Orchestra. 2 Credits.
Performance ensemble that uses data-driven musical instruments in combination with software and hardware to perform music and intermedia compositions.
Prereq: MUS 547, 548.

MUS694. Chamber Ensemble: [Topic]. 1 Credit.
Accompanying, Brass Choir, Brass Ensemble, Chamber Ensemble, Trombone Ensemble, Tuba and Euphonium Ensemble, Studio Guitar Ensemble, Jazz Guitar Ensemble, Oregon Percussion Ensemble. Repeatable.
Prereq: audition (except chamber ensemble).

MUS695. Band: [Topic]. 1-2 Credits.
Green Garter Band, Oregon Basketball Band, Oregon Marching Band, Oregon Wind Ensemble, UO Campus Band, UO Symphonic Band, Yellow Garter Band. Ensemble fee for Oregon Wind Ensemble, UO Symphonic Band, UO Campus Band. Repeatable.
Prereq: audition (except UO Campus Band and Oregon Marching Band).

MUS696. Orchestra: [Topic]. 1-2 Credits.
University Symphony Orchestra, Campus Orchestra. Ensemble fee. Repeatable.
Prereq: audition.

MUS697. Chorus: [Topic]. 2 Credits.
Chamber Choir, Concert Choir, Gospel Singers, Repertoire Singers, University Gospel Choir, University Gospel Ensemble, University Singers. Ensemble fee. Repeatable.
Prereq: audition or voice screening (except Concert Choir and Gospel Choir).

MUS698. Opera Workshop. 2 Credits.
Traditional and contemporary repertory for musical theater through analysis, rehearsal, and performance of complete and excerpted works; training in stage movement, diction, and rehearsal techniques. Repeatable.
Prereq: audition.

Graduate School

Scott L. Pratt, Dean
541-346-5129
Susan Campbell Hall, first floor
1219 University of Oregon
Eugene, Oregon 97403-1219

Graduate Council

The Graduate Council is responsible for oversight of graduate education at the University of Oregon. The council consists of a representative elected committee of twelve faculty members, two students, and the dean and associate dean of the Graduate School. The current Graduate Council membership is listed on the Graduate School website.

Advanced Degrees and Certificates

Through the Graduate School, the University of Oregon offers study leading to advanced degrees in the liberal arts and sciences and in the professional areas of architecture and allied arts, business, conflict and dispute resolution, education, journalism and communication, and music. Program offerings are listed below. The advanced degree or certificate granted is noted next to the degree program. Where no degree is listed, the subject is an area of focus within the college, school, or department.

For information about law degrees, see the **School of Law** section of this catalog.

Specific program requirements for most of these degrees appear in the departmental sections of this catalog; general requirements of the Graduate School are stated in this section.

College of Arts and Sciences

Anthropology: MA, MS, PhD

- Archaeology
- Biological anthropology
- Cultural anthropology

Asian studies: MA

- China
- Japan
- Southeast Asia

Biology: MA, MS, PhD

- Biochemistry
- Biophysics
- Cell biology
- Developmental biology
- Ecology
- Evolution
- Genetics
- Marine biology
- Microbiology
- Molecular biology
- Neuroscience: specialization
- Structural biology

Chemistry and Biochemistry: MA, MS, PhD

- Biochemistry
- Cell biology
- Chemical physics
- Inorganic chemistry
- Materials science
- Molecular biology
- Neuroscience
- Organic chemistry
- Physical chemistry
- Theoretical chemistry

Classics: MA

- Classics
- Greek
- Latin

Comparative literature: MA*, PhD

Computer and information science: MA, MS, PhD

Creative writing: MFA

East Asian languages and literatures: MA, PhD

- Chinese literature
- Japanese literature

Economics: MA, MS, PhD

- Applied econometrics
- Economic growth and development
- Environmental economics
- Experimental economics
- Game theory
- Health economics
- Industrial organization
- International economics
- Labor economics
- Macroeconomics
- Public economics

English: MA, PhD

- American literature
- English literature
- Film studies
- Folklore
- Literature and environment
- Literary and critical theory
- Medieval studies
- Poetry and poetics
- Rhetoric and composition

Environmental studies: MA, MS

- Environmental sciences, studies, and policy: PhD
- Food studies: specialization

Folklore: MA, MS

Geography: MA, MS, PhD

- Behavioral geography
- Biogeography
- Cartography
- Climatology
- Cultural geography
- Economic geography
- Environmental change
- Feminist geography
- Geographic education
- Geographic information science
- Geomorphology
- Human-environment relations
- Political-ethnic geography
- Quaternary environments
- Regions: Africa, American West, China and East Asia, Europe, Latin America, Middle East, Russia
- Urban geography

Geological sciences: MA, MS, PhD

- Geodesy
- Geomorphology
- Mineral deposits
- Mineralogy-petrology-geochemistry
- Stratigraphy-sedimentary petrology-paleontology
- Structural geology-geophysics, tectonics, volcanology

German and Scandinavian

- German: MA, PhD

History: MA, PhD

- Africa
- Ancient history
- China and Japan
- Europe since 1789
- Europe, 1400–1815
- Latin America
- Medieval Europe
- Russia
- Southeast Asia
- United States

Human physiology: MS, PhD

- Athletic training
- Biomechanics
- Cardiovascular physiology
- Environmental physiology
- Exercise physiology
- Motor control
- Muscle metabolism and physiology
- Neurophysiology
- Respiratory physiology
- Women’s health

International studies: MA

Linguistics: MA, PhD

- Descriptive linguistics and language documentation
- Experimental linguistics
- Laboratory phonetics and phonology
- Language and cognition
- Language maintenance and revitalization

Mathematics: MA, MS, PhD

- Algebra
- Analysis
- Combinatorics
- Differential and algebraic geometry
- Geometry
- Mathematical physics
- Numerical analysis
- Probability
- Statistics
- Topology

Philosophy: MA, PhD

Physics: MA, MS, PhD

- Applied physics: MS
- Astronomy, astrophysics, cosmology
- Atomic, molecular, and optical physics
- Biophysics
- Condensed-matter physics
- Elementary-particle physics
- Fluid and superfluid mechanics

Political science: MA, MS, PhD

- Comparative politics
- Formal theory and methodology
- International relations
- Political theory
- Public policy
- United States politics

Psychology: MA, MS, PhD

- Clinical
- Cognitive
- Developmental
- Neuroscience: specialization
- Social and personality

Romance languages: MA, PhD

- French: MA
- Italian: MA
- Spanish: MA

Russian and East European studies: MA, certificate

Sociology: MA*, MS*, PhD

- Environment
- Labor, organization, and political economy
- Quantitative and qualitative methods of data collection and analysis
- Race and ethnicity
- Sex and gender
- Social demography
- Theory

Theater arts: MA, MS, MFA, PhD

Translation studies: specialization

Women's and gender studies: certificate

Professional Schools and Colleges

School of Architecture and Allied Arts

Architecture: MArch, PhD

- Interior architecture: MIArch
- Interior architecture: specialization
- Ecological design: certificate
- Housing: specialization
- Technical teaching in architecture: certificate
- Urban architecture and urban design: specialization

Art: MFA

- Ceramics
- Digital arts
- Fibers
- Metalsmithing and jewelry
- Painting
- Photography
- Printmaking
- Sculpture

Art history: MA, PhD

- Architectural history
- Ancient art
- Medieval art
- Renaissance-baroque art
- Modern art
- Asian art

Arts and administration

- Arts management: MA, MS
- Community and regional planning: MCRP
- Community arts
- Media management
- Performing arts management
- Museum studies: certificate

Historic preservation: MS

- Management of cultural resources
- Preservation theory, design, and technology
- Resource identification and evaluation

Landscape architecture: MLA, PhD

- Design theory
- Landscape history
- Landscape planning
- Landscape ecology

Planning, public policy and management

- Nonprofit management: MNM
- Nonprofit management: certificate
- Oregon leadership in sustainability: certificate
- Public administration: MPA

Charles H. Lundquist College of Business

Accounting: MActg, PhD

Finance: MA*, MS*, PhD

Management: MA*, MS*, PhD

- General business: MBA
- Finance and securities analysis: specialization
- Innovation and entrepreneurship: specialization
- Sports business: specialization
- Sustainable business practices: specialization

Marketing: MA*, MS*, PhD

Operations and business analytics: MA*, MS*, PhD

Sports product management: MS

College of Education

Communication disorders: certificate

Communication disorders and sciences: MA, MS, MEd, PhD

Continuing administrator–superintendent: certificate

Counseling, family, and human services: MA, MS, MEd

- Couples and family therapy

Counseling psychology: DEd, PhD

Critical and sociocultural studies in education: PhD

Curriculum and teacher education: MS

Curriculum and teaching: MEd

Early childhood: certificate

Early childhood–elementary special education: certificate

Early intervention–early childhood special education: certificate

Educational leadership: MA, MS, MEd, DEd, PhD

Elementary: certificate

English speakers other languages: certificate

English speakers other languages—bilingual: certificate

Initial administrator: certificate

Integrated teaching: certificate

Interdisciplinary studies: teaching: one subject: MA *inactive*

Middle-secondary education: certificate

Middle-secondary special education: certificate

Music education: certificate

Prevention science: specialization

Reading education teaching: certificate *inactive*

Spanish language psychological service and research: specialization

School psychology: MA, MS, MEd, PhD, certificate

Special education: MA, MS, MEd, DEd,PhD, certificate

Special education: rehabilitation: DEd,PhD

School of Journalism and Communication

Communication ethics: certificate

Journalism: MA, MS

Journalism: magazine: MA*inactive*, MS *inactive*

Journalism: multimedia: MA, MS

Journalism: news-editorial: MA*inactive*, MS*inactive*

Media studies: MA, MS, PhD

Strategic communication: MA, MS

School of Law

Conflict and dispute resolution: MA, MS

School of Music and Dance

Dance: MA, MS, MFA

Music

- Intermedia music technology: MMus
- Music composition: MMus, DMA, PhD
- Music: conducting: MMus (Choral, orchestral, wind ensemble)
- Music education: MMus, PhD
- Musicology: MA, PhD
- Music: jazz studies: MMus
- Music performance: MMus, DMA (collaborative or solo piano, harpsichord, multiple woodwinds or brass instruments, organ, percussion, piano pedagogy, voice, violin and viola performance and pedagogy)
- Music: piano pedagogy: MMus
- Music theory: MA, PhD

Those programs through which a master's degree is only attainable en route to a doctoral degree are marked with an asterisk (*).

Graduate School

Interdisciplinary Programs

Interdisciplinary studies: applied information management: MS

Interdisciplinary studies: individualized program: MA, MS

Interdisciplinary (School of Architecture and Allied Arts, School of Journalism and Communication, and College of Arts and Sciences): new media and culture: certificate

General Information

Students who want to earn a second bachelor’s degree should not apply to the Graduate School. They should submit an application for postbaccalaureate undergraduate student status to the Office of Admissions: admissions.uoregon.edu/otherapplicants/postbacc; telephone 541-346-3201.

Students who want to earn a graduate degree or graduate certificate are admitted to the Graduate School in accordance with the procedures described in this section.

Graduate Admission

To be admitted to the Graduate School for the purpose of seeking a graduate degree or graduate certificate or for enrolling in a formal nondegree graduate program, a student must hold a bachelor's degree from a regionally accredited four-year college or university in the United States or its equivalent from a foreign country and must be accepted by the professional school or major department in which he or she proposes to study. Proof of English language proficiency is also required for applicants whose native language is not English.

Graduate Classification

Students seeking certificates or advanced degrees are classified as follows:

- Graduate postbaccalaureate
- Graduate premaster’s
- Graduate conditional master’s
- Graduate master’s
- Graduate postmaster’s
- Graduate conditional doctoral
- Graduate doctoral
- Graduate postdoctoral

The university’s schools and departments determine their own requirements for graduate admission. Students should become familiar with these requirements before applying and address inquiries about graduate admission to the department or school in which they plan to study, not to the Graduate School or to the Office of Admissions.

Initial student status may be either conditional or unconditional. If a student has not been granted unconditional student status after the

completion of 36 credits of graduate course work, the Graduate School may inquire into their status and recommend that a decision on the student's status be made as soon as possible.

A former University of Oregon student must be admitted formally to the Graduate School in the same way as a student from any other college or university.

A student who has been admitted to a graduate program and wants to change his or her major must apply for admission to the new department.

Students must pay a nonrefundable $50 fee when applying for admission. This fee is waived for applicants who have previous enrollment in a University of Oregon graduate degree program or who are currently enrolled in such a program and are applying to a different graduate program. The fee is also waived for current University of Oregon staff members, applicants who have submitted another graduate application and paid the application fee for the same academic year, and participants in undergraduate research programs for minority students. A limited number of application fee waivers are offered to participants in service-based organizations; active members, reservists, or veterans of the US armed services; and applicants with demonstrated financial need.

Application Procedure

Students seeking admission to the Graduate School must submit an online application. Links may be found on each department's or school's website, or by contacting the department directly. Official transcripts from all colleges or universities from which the student has received a bachelor's or advanced degree must be sent to the Office of Admissions upon application.

Departments determine additional transcript requirements. The applicant may also be asked to submit materials such as transcripts of test scores (e.g., Graduate Record Examinations, Miller Analogies Test), evidence of foreign-language proficiency, and letters of reference. The applicant should ascertain from the school or department what additional materials, if any, are expected and send them directly to the department. In some cases, these materials will be collected electronically as part of the online application.

Admission for Graduate Postbaccalaureate Study

An applicant with a bachelor's degree or the equivalent from a regionally accredited institution who wants to take graduate course work but does not intend to pursue a specific graduate degree must submit the official application form and an official transcript from the college or university from which he or she received the bachelor's degree and any subsequent advanced degrees to the Graduate School. University of Oregon graduates do not need to send an official transcript to the Graduate School. Graduate postbaccalaureate status is a nondegree classification. Credits earned by postbaccalaureate students are recorded on the student's transcript. For more information, see Other Graduate Classifications (p. 703) below under General Requirements and Policies.

International Students

Applicants who are not United States citizens or immigrants are considered for admission to the university as international students.

A satisfactory command of the English language is required for admission to the University of Oregon. Applicants whose native language is not English must show proof of language proficiency through one of the following three methods:

- *Test of English as a Foreign Language (TOEFL):* Minimum score, 575 (paper) or 88 (Internet-based). Some departments require a higher score.
- *International English Language Testing System (IELTS):* Minimum score, 7.0 overall band score. Some departments require a higher score.
- *Degree from an English-speaking country:* Submit degree transcripts proving that you have received a bachelor's degree or higher from a regionally accredited United States institution or from an institution in the following countries: Australia, Canada (excluding Quebec), Ireland, New Zealand, or the United Kingdom.

Requesting Scores

Scores should be sent directly from the testing agency to the University of Oregon. The institution code is 4846. You should also have a copy sent to the department to which you are applying, if required.For more information, visit the testing sites online: TOEFL, www.toefl.org (http://www.toefl.org); IELTS, www.ielts.org (http://www.ielts.org); UO Testing Center, testing.uoregon.edu.

Language Requirement for International Graduate Teaching Fellows

Graduate students who are nonnative speakers of English who have been hired in teaching positions are required to prove their spoken English proficiency by achieving a minimum score on the Test of Spoken English (TSE), or the speaking component of either the Internet-based TOEFL or the academic version of the International English Language Testing System (IELTS) test. GTFs who do not meet the minimum score for these tests must take the UO Speaking Proficiency English Assessment Kit (SPEAK) Test.

International students who want instruction in English as a second language before beginning their studies at the University of Oregon or another university in the United States may enroll in the American English Institute. For more information, visit aei.uoregon.edu.

International students must carry health and accident insurance for themselves and their dependent family members living in the United States. Students' insurance policies must meet the minimum University of Oregon health insurance requirements. These requirements may be met by purchasing the health insurance administered by the University Health Center. This plan may be purchased during the registration process. Questions about the minimum requirements should be directed to the International Student Advisor, Office of International Affairs, 5209 University of Oregon, Eugene OR 97403-5209; telephone 541-346-3206.

Course Numbering System

500–599

Courses that offer graduate-level work in classes that may also include undergraduate students.

600–699

Graduate courses for graduate students only.

700–799

Except in the School of Music and Dance, courses of a highly technical nature that count toward a professional degree only, not toward advanced academic degrees such as an MA, MS, or PhD. Both 600- and 700-level courses with the MUP subject code denote graduate courses

that apply toward advanced academic degrees in the School of Music and Dance.

503, 507, 508, 510, 601–610, 704–710

Graduate and professional courses that may be repeated for credit under the same number.

General Requirements and Policies

Course Registration Requirements and Limits

A graduate student may register for up to 16 credits of graduate or undergraduate course work. Registration in excess of this level, up to a maximum of 18 credits, requires payment of additional fees for each extra credit. During summer session, graduate students are limited to a maximum of 16 credits. Minimum registration is three graduate credits a term.

International students should request information from the Office of International Affairs about Immigration and Naturalization Service regulations and minimum credit requirements.

Graduate students working toward an advanced degree must be enrolled continuously until all degree requirements are completed (see Continuous Enrollment (p. 704)). Furthermore, students who use faculty assistance, services, or facilities must register each term for at least 3 graduate credits to compensate for usage. This includes students who are taking only comprehensive or final examinations or presenting recitals or terminal projects.

In the term in which a degree is granted, the student must register for at least 3 graduate credits. If the student is completing a master's degree thesis in this final term, registration must include at least 1 of the 3 credits in Thesis (503). If a doctoral dissertation is being completed, registration must include at least 3 credits in Dissertation (603). Exceptions may be made depending on the timing of the submission of the thesis or dissertation. See the Graduate School website for details.

Students living elsewhere while writing a thesis or dissertation and sending chapters to an advisor for feedback must register for a minimum of 3 graduate credits a term; they should register for thesis or dissertation credits.

Various on- and off-campus agencies and offices have their own course-load requirements. For example, some agencies that offer student loans set registration requirements. The Office of the Registrar can only certify the number of credits for which a student has officially registered. Because the minimum registration requirements for the Graduate School may not satisfy some agency requirements, it is the student's responsibility to register for the required number of credits.

Course Enrollment for Faculty and Staff Members

Faculty and staff members who want to take graduate courses should refer to the Human Resources office for information about regulations and fees. Officers of administration are subject to faculty policy.

Faculty members (including officers of administration) may not pursue an advanced degree in the department in which they hold an appointment. To pursue a degree in another department, they must submit a petition to the dean of the Graduate School for approval. More information about the petition process is available on the Graduate School website.

Joint-Campus Program

Graduate students at the university may, with advisor and departmental approval, take graduate courses at institutions in the Oregon University System participating in the joint campus program. A student registers for these courses with the University of Oregon registrar, who records each grade on the academic record under Joint Campus Experimental Course: [Topic] (JC610). The student must be a matriculated UO graduate student in an advanced degree program and registered for UO courses during the same term the Joint Campus Experimental Course: [Topic] (JC610) course is taken. A maximum of 15 credits taken under the joint campus program may be applied toward a graduate degree program. Joint campus course work counts toward the 24 graded credits required for the master's degree. Forms are available in the Office of the Registrar.

WICHE Regional Graduate Programs

The Western Interstate Commission for Higher Education (WICHE) coordinates a graduate exchange program, the Western Regional Graduate Program (WRGP), to enable students from Alaska, Arizona, California, Colorado, Hawaii, Idaho, Montana, Nevada, New Mexico, North Dakota, Oregon, South Dakota, Utah, Washington, and Wyoming to apply for admission to selected professional programs and, if admitted, to be treated as resident students for tuition purposes.

The University of Oregon has two WRGP programs: historic preservation and human physiology. For information, visit hp.uoregon.edu.

WGRP certification must be renewed each academic year.

Grade Requirements

Graduate students must maintain at least a 3.00 grade point average (GPA) in graduate courses taken in the degree program. Grades of D+ or less for graduate courses are not accepted for graduate credit but are computed in the GPA. Similarly, the grade of N (no pass) is not accepted for graduate credit. A grade of pass (P) must be equal to or better than a B–.

A GPA below 3.00 at any time during a graduate student's studies or the accumulation of more than 5 credits of N or F grades—regardless of the GPA—is considered unsatisfactory. The dean of the Graduate School, after consultation with the student's home department, may drop the student from the Graduate School, thus terminating the student's degree program.

Other Graduate Classifications

A student not seeking a graduate degree may be classified as a graduate student doing graduate-level work as follows:

- postbaccalaureate graduate
- premaster's
- postmaster's
- postdoctoral
- nonadmitted Community Education Program participant

Credits earned in these classifications are recorded on the student's transcript.

Up to 15 graduate credits earned under one or more of the above classifications may later be counted in a master's degree program if

endorsed by the school or department and approved by the Graduate School. Students must submit a Request for Transfer of Graduate Credit form which is available on the Graduate School website. These credits fall within the 15-credit maximum of transfer credit allowed for a master's degree program. Approved credits may be used to meet relevant university degree requirements.

Incompletes

For graduate students, there are two sets of policies regarding incompletes on the student record—the first is departmental, the second involves the Graduate School. Graduate students should become familiar with both sets of policies.

Graduate School policy requires that graduate students must convert a graduate course grade of Incomplete ("I") into a passing grade within one calendar year of the term the course was taken. After one year, the student must petition the Graduate School for the removal of the incomplete.

To be eligible for Graduate School approval on a Petition to Remove an Incomplete, all of the following criteria must be met:

- The incomplete must be no more than seven years old
- The student must have the approval of the instructor to complete the outstanding course requirements
- The student must not have completed a terminal advanced degree since the term of enrollment in the course. Incompletes that remain on the academic record after a degree has been awarded may not be removed. All course work documented on the transcript at the time of the awarding of the degree stands as a permanent record and it is not permissible to revise the record

An incomplete "I" assigned to Thesis (503), Research (601), Dissertation (603), and Terminal Project (609) does not require a petition. Thesis and dissertation credits are automatically converted upon awarding of the degree when the thesis or dissertation is completed and accepted by the Graduate School. Research and terminal project credits require the instructor to submit a Supplementary Grade Report to the Office of the Registrar.

This policy applies to the level of the course and not to the level of the student. An undergraduate in a graduate-level course will be evaluated under Graduate School policy. A graduate student in an undergraduate level course will follow policies in effect for undergraduate students.

Continuous Enrollment

Unless leave status has been approved, a student in an advanced degree or graduate certificate program must remain in continuous enrollment at the university, taking at least 3 graduate credits each term, until all the program's requirements have been completed. Registration for summer session is not required unless the student is using university facilities or faculty or staff services. Failure to maintain continuous enrollment effectively withdraws the student from graduate status. See Permission to Reregister (p. 704).

On-Leave Status

A graduate student interrupting a study program for one or more terms, excluding summer session, must register for on-leave status to ensure a place upon return. Only graduate students in good standing are eligible for on-leave status.

The Graduate School must receive the application by the last registration day—as noted in the class schedule—of the term the leave begins. Leave status is granted for a specified period excluding summer session. Students with approved leave status need not pay fees. However, students must register and pay fees if they use university facilities or faculty or staff services during the on-leave term.

Master's Students

Master's students, except summer-only students, may apply for a maximum of three academic terms of on-leave status during the course of study for the degree. A master's student who attends the university only during summer session must obtain on-leave status for each ensuing school year. These summer students also must complete all degree requirements within the seven-year time limit.

Doctoral Students

Doctoral students may apply for a maximum of six academic terms of on-leave status during the course of study for the degree. See Continuous Enrollment (p. 709) under Doctoral Degrees.

Additional details about on-leave status and how to apply are available on the Graduate School website.

Permission to Reregister

A graduate student who fails to maintain continuous enrollment or obtain on-leave status is required to file a Permission to Reregister form and petition for reinstatement (using the General Petition form). Both forms are available on the Graduate School website. The petition is reviewed by the student's major department and the Graduate School. The student may, at the discretion of the department, be required to meet departmental admission policies and degree completion requirements that are in effect on the date of reenrollment. Doctoral students may, at the discretion of the department, be required to register for a new year of residency—three consecutive terms of at least 9 graduate credits in each term. They may also be required to retake the comprehensive examinations if completed prior to stopping out, if the department feels that this is necessary in order to demonstrate currency of knowledge.

Review of the Permission to Reregister form may result in a change of residency status from resident to nonresident. More information is available from the residency officer in the Office of Admissions.

Graduate Residency

Each graduate degree at the University of Oregon has a residency requirement that dictates how much of the work required for that degree must be completed at the University of Oregon. Please refer to the **Master's Degrees** and **Doctoral Degrees** sections below for details about residency requirements for each type of degree.

Waiver of Regulations

Graduate students may file a petition requesting exemption from any academic requirement. The petition must first be submitted to the academic department for review and supporting statement. The Graduate School then reviews the educational purpose the regulation in question was designed to serve. Petitions are seldom granted if the only reason given is to save the student from inconvenience or expense.

Graduate School petition forms are available on the Graduate School's website.

Graduate Tuition, Fees, and Financial Aid

Tuition and Fees

The University of Oregon has differential graduate tuition. Please refer to the Office of the Registrar's website for the current tuition and fees schedule: http://registrar.uoregon.edu/costs/tuition-fees.

Fellowships and Financial Aid

One purpose of scholarship and fellowship support provided by the UO Graduate School is to enhance the diversity of the graduate student population by seeking talented students from groups historically underrepresented in graduate education. Broadening the talent pool from which graduate students are chosen enriches the educational and scholarly activities of all students and faculty members and is good academic practice. By bringing diverse individuals together to engage in intellectual activities, graduate programs engender respect for intellect, regardless of source, and help to build a community whose members are judged by the quality of their ideas.

At the University of Oregon, financial aid is available through graduate teaching and research fellowships (GTFs), training grant stipends, scholarships, work-study, loans, and part-time jobs. GTFs are available to qualified graduate students who are enrolled in the Graduate School and who have been admitted to an advanced degree program. Inquire at the department for specific application deadlines. Fellowship awards are based on the student's potential as a graduate student. All GTFs—research, teaching, and administrative—are represented by the Graduate Teaching Fellows Federation (GTFF), American Federation of Teachers, Local 3544. Recruitment and selection follow established published procedures from departments and the provisions of the GTFF contract. Details of appointment procedures are available from the departments. Reappointment is subject to departmental policy but is always contingent upon making satisfactory progress toward the degree.

Teaching Fellowships

Nearly all the schools and departments award graduate teaching fellowships (GTFs). For 2015–16, minimum-level salaries at 0.49 full-time equivalent (FTE) range from $13,455 to $16,048 for the academic year. The minimum appointment is a 0.20 FTE position. Graduate teaching fellows (GTFs) must be enrolled in an advanced degree program and must register for and complete a minimum of 9 graduate credits toward the degree each term. Credits earned in audited courses do not count. Tuition for up to 16 credits a term, a health insurance premium subsidy, and mandatory fees subsidy are provided by the university. Failure to enroll for and complete the minimum of 9 credits a term may nullify an appointment.

Nonnative speakers of English who accept teaching-related GTF positions must demonstrate appropriate English language proficiency. See "Language Requirement for International Graduate Teaching Fellows" above.

Research Fellowships

A number of departments and schools employ graduate students to work on research projects under the supervision of faculty members. Funds typically come from research grants and contracts. Salaries and tuition policy are the same as for graduate students with teaching fellowships. In addition, some departments have federally supported training grants and consider fellowship applicants for support through these resources.

Fellowships from Other Sources

Graduate students may be eligible for fellowship awards granted by federal agencies and private foundations. Information on internal and external funding opportunities is available on the Graduate School website.

Postdoctoral Fellowships

The University of Oregon participates in several postdoctoral fellowship programs and provides facilities for postdoctoral study under faculty supervision. More information is available from individual schools and departments.

Other Financial Assistance

Some forms of financial aid depend on financial need, defined as the difference between the cost of attending an institution and the amount the student and his or her family can contribute toward these expenses. See the **Student Financial Aid and Scholarships** (p. 28) section of this catalog for information about available aid and application procedures.

International Students

International students may work on campus during the school year but should not expect to work off campus. Those who hold student (F-1) visas are expected to have sufficient funds for the period of their studies. Their dependents are not usually allowed to work. However, if it is necessary for a dependent to work, students should contact the Office of International Affairs.

International students are eligible for institutionally-supported teaching and research fellowships described above.

Master's Degrees

Master's degree candidates must fulfill the requirements of the Graduate School, which are listed below. Students must also complete the additional requirements set by the school or department in which the degree is to be awarded. These are described in the departmental sections of this catalog.

Credit Requirements

To earn a master's degree, students must complete an integrated program of study through either a departmental discipline or a program of interdisciplinary studies totaling no fewer than 45 graduate credits. As noted above, some departments require more than 45 credits.

The credits must be taken after admission to the master's degree program (conditional or unconditional) or approved for transfer (see **Transferred Credit** below). Of the total, 24 credits must be in UO-graded courses passed with a grade point average (GPA) of 3.00 or better. A minimum of 30 credits in the major are required for a master's degree with a departmental major. In addition, at least 9 credits in courses numbered 600–699 must be taken in residence.

Students working toward a 45-credit master's degree with thesis must register for a minimum of 36 credits of course work and 9 credits in Thesis (503). Credit for thesis is given pass/no pass.

Second Master's Degree

Students who earned the first master's degree from the University of Oregon may earn a second master's degree in another field by taking at least 30 graduate credits, of which 24 must be in courses taken for letter grades, after official admission as a master's degree candidate

in the new major at the university. This provision does not apply to a second master's degree in the Interdisciplinary Studies: Individualized Program (IS:IP). Although the second master's degree may be permitted with reduced credits, complete records of the student's graduate-level study must reflect the equivalent of all requirements for completion of the degree as described in the University of Oregon Catalog. Schools and departments may require more than this 30-credit minimum or deny the request. Students pursuing two graduate degrees at the same time must file a concurrent degree form, available on the Graduate School website. If the first master's degree is from another institution, the second master's degree program must comply with the standard university master's degree requirements (a minimum of 45 credits).

Time Limit

Students must complete all work for the master's degree within seven years, including transferred credits, thesis, the language requirement for an MA, and all examinations. On-leave status does not extend the seven-year deadline unless an extension is expressly approved by the Graduate School.

Residency and Enrollment Requirements

For a master's degree, the Graduate School requires that a minimum of 30 credits (applicable to degree requirements) be taken at the University of Oregon during at least two terms of study. A second University of Oregon master's degree also requires a minimum of 30 credits and at least two terms of study at the University of Oregon. Individual schools or departments may have additional residence requirements.

Students enrolled in an advanced degree program must attend the university continuously, except for summers, until all the program's requirements have been completed, unless on-leave status has been approved. For more information, see Course Registration Requirements and Limits (p. 703), Continuous Enrollment (p. 704), Graduate Residency (p. 704), and On-Leave Status (p. 704) under General Requirements and Policies.

Transferred Credit

Graduate Credit from Other Institutions

Graduate credit earned while a graduate student in another accredited graduate school may be counted toward the master's degree under the following conditions:

1. Total transferred credits may not exceed 15 credits in a master's degree program
2. Courses must be relevant to the degree program as a whole
3. The student's home department and the Graduate School must approve the transfer
4. Grades earned must be A+, A, A–, B+, B, or P
5. The courses may not have been used to satisfy the requirements for another degree
6. Transfer courses are subject to the seven-year limit for degree completion

Transferred credit may not be used to meet the requirement of 24 credits in University of Oregon graded graduate courses, nor are they used in computing the UO cumulative GPA.

Reservation of Graduate Credit: Permission to Register for Graduate Credit

An undergraduate student working toward a bachelor's degree must request permission to register for a graduate-level course. The student must file a Reservation of Graduate Credit form with the Graduate School by the first Friday of the term in which he or she wants to enroll in the graduate course. Two options are available for disposition of course credits.

Option 1

Include the graduate-level course in requirements for the bachelor's degree. To be eligible, the student must be admitted as an undergraduate and have earned a minimum GPA of 3.00 in each of the three terms prior to enrolling in the graduate course. Undergraduates receiving less than a grade of B in a graduate-level course will be ineligible for enrollment in graduate-level course work.

Option 2

Reserve the graduate-level course for consideration by a department after admission as a graduate student. This option is available to seniors only and is limited to a maximum of three graduate courses not exceeding a total of 12 credits. To be eligible, the student must have earned a minimum GPA of 3.00 in each of the three terms prior to enrolling in the graduate course. Undergraduates receiving less than a grade of B in a graduate-level course will not be allowed to use the course toward a master's degree, and will be ineligible for further reservations of graduate credit.

Nondegree seeking undergraduate students are ineligible for Registration of Graduate Credit. This includes Community Education Program students and undergraduate postbaccalaureate students. Undergraduates do not qualify to receive credits for the following graduate classes: Research (601), Supervised College Teaching (602), Internship (604), Reading and Conference (605), Field Studies or Special Problems (606), Workshop (508 or 608), Special Topics or Colloquium (508 or 608), and Practicum, Terminal Project, or Supervised Tutoring (609).

Transfer of Reserved Graduate Credit

Undergraduates who completed graduate-level courses at the University of Oregon under the Reservation of Graduate Credit petition process and who reserve the courses by choosing Option 2 on the petition form may apply up to 12 credits toward the master's degree.

Course work taken for letter grades (B or better) and P/N courses, if accompanied by the instructor's statement that the passing grade was equal to a B or better, is eligible for consideration. If approved, these courses can be used to satisfy relevant university master's degree requirements. A Request for Transfer of Graduate Credit form (available on the Graduate School's website) must be filed within two terms of acceptance into a master's degree program and within two years of earning the bachelor's degree. Any credits transferred under this option fall with the 15-credit transfer maximum.

Other University of Oregon Transferred Credit

A maximum of 15 graduate credits earned at the University of Oregon while classified as a graduate postbaccalaureate student, a nonadmitted graduate student enrolled in the Community Education Program or in summer session, or a student earning a graduate certificate may later be counted toward the master's degree (see Other Graduate Classifications (p. 703) under General Requirements and Policies), pending school

or department endorsement and Graduate School approval. This is within the overall 15-credit maximum for transfer. Grades earned must be A+, A, A–, B+, B, or P. A Request for Transfer of Graduate Credit form (available on the Graduate School's website) must be approved for credits completed under these classifications to be applied to degree requirements.

Distinction between MA and MS Degrees

Students pursuing an MA degree must demonstrate competence in a second language. The minimum requirement is the same as that for fulfilling the second-language requirement for the bachelor of arts degree. (See Bachelor's Degree Requirements (p. 22)section of this catalog.) The student's major department may establish a higher level of proficiency or a different method of determining that level. Language competence must be demonstrated within the overall seven-year limitation for completion of a master's degree. There is no language requirement for the MS and professional advanced degrees unless the department so specifies.

Examinations and Thesis

The student's major school or department may require qualifying, comprehensive, or final examinations or any combination of these. The content and methods of conducting such examinations are the responsibility of the school or department.

In some fields, master's degree candidates must submit a thesis; in others the thesis is optional. A student who writes a thesis must complete the following procedures:

1. Request information from the major school or department about the various steps involved and the standards expected
2. Consult the Thesis and Dissertation Style and Policy Manual, available on the Graduate School's website. Only theses that meet the standards of style and form discussed in that manual are accepted

The advisory committee, appointed by the department, determines the work to be completed in light of the student's academic background and objectives. The number of committee members is determined by the department. The advisor shall be from the regular faculty, tenured or tenure-track.

Research Compliance

See Research Compliance (p. 707) in the **Doctoral Degrees** section of this catalog.

Summary of Graduate School Requirements

The following outline lists minimum Graduate School requirements for master's degrees. Specific departmental requirements must also be met before the student is awarded an advanced degree. Credit requirements listed below must be met with graduate credits.

Language requirement	MA only
Minimum GPA	3.00
Minimum thesis credits	9 credits
Time limit for program completion	seven years
Total credit minimum	45 credits
Registration minimum per term	3 credits
Minimum graded credits taken in residence	24 credits
Minimum 600-level credits in residence	9 credits
Minimum credits in major	30 credits
Minimum credits in residence	30 credits

The school or department specifies whether a thesis is mandatory or optional; however, a student writing a thesis must register for at least 9 credits in Thesis (503).

Interdisciplinary Master's Degree Programs

In addition to specialized graduate work in traditional fields of learning, the university provides opportunities for integrated interdisciplinary studies leading to the MA or the MS degree. These programs are planned according to the individual student's interests and the established programs of study organized and administered through interdepartmental faculty committees.

Graduate students pursuing a program of interdisciplinary studies may supplement graduate courses offered by the various departments and schools with individualized studies by enrolling under the IST course numbers in the Courses section.

A student interested in an interdisciplinary program approved by the Graduate Council should direct inquiries to the appropriate program: applied information management or individualized program. Interdisciplinary programs are described below.

The requirements for an MS degree in interdisciplinary studies are the same as those for a departmental master's degree, except those requirements relating to primary or secondary fields. For the MA degree, the student must show knowledge of a second language equivalent to satisfactory completion of the second-year college sequence either with the College Level Examination Program test or with adequate undergraduate course work. As with all work for the master's degree, language competence must be demonstrated within the overall seven-year time limit.

Interdisciplinary Studies: Applied Information Management

Information on the multidisciplinary master's degree program in applied information management may be found by selecting the appropriate tab at the top of this page.

Interdisciplinary Studies: Individualized Program

The individualized program is the university's most flexible interdisciplinary program leading to MA and MS degrees. The program is designed for students with specific, well-articulated goals that cannot be reached through established departmental programs. Although flexibility is allowed in program design, the program must be composed of existing graduate courses from approved master's degree programs in three professional schools, in three departments in the College of Arts and Sciences, or in a combination of programs from the professional schools and the College of Arts and Sciences.

The Interdisciplinary Studies: Individualized Program (IS:IP) requires a total of at least 54 graduate credits; a minimum of 15 graduate credits in each of the three areas of concentration; and 9 graduate credits for an integrated terminal project or thesis determined by the student and three advisors during the course of study.

Guidelines in the IS:IP program include the following:

1. A maximum of 15 credits may be used from practicum, field studies, research, and reading and conference courses. Such credit must be distributed across all three areas of the program
2. The terminal project or thesis consists of 9 credits distributed across at least two areas. Credit for this project is earned in Terminal Project (IST 609); credit for the thesis is earned in Thesis (IST 503)
3. At least 39 of the 54 minimum credits for the degree must be taken after the candidate is admitted to the IS:IP program

Admission is selective. Acceptance into the program is based on background qualifications, the statement of purpose, and the appropriateness and availability of courses and advisors at the university. An applicant who has been denied admission to a departmental graduate program at the university must have departmental permission to use that department as a program area.

Consent must be obtained in writing from each of the three advisors, indicating their willingness to serve and their approval of the final listing of courses in each of the three areas. One of the three advisors must be designated as chair. Subsequent changes in the program must be approved by both the advisor in the area involved and the IS:IP director. More information about the IS:IP program is available on the Graduate School website.

Doctoral Degrees

Doctor of Philosophy

The degree of doctor of philosophy (PhD) requires distinguished achievement in both scholarship and original research. The degree is granted chiefly in recognition of the candidate's high attainment and ability in a special field of an academic discipline, as shown by work on required examinations and by the preparation of a dissertation. Minimum university and school or department requirements of residence and study must be satisfied. The requirements for PhD degrees established by the Graduate School are given below. Individual programs have additional specific requirements, which are presented in the departmental sections of this catalog.

Residency and Credit Requirements

For the PhD degree, the student must complete the equivalent of at least 81 credits of graduate-level academic work beyond the bachelor's degree over the course of at least three calendar years. At least one academic year—the residency year—must be completed at the University of Oregon after the student has been classified as a conditionally or an unconditionally admitted student in a doctoral program. The residency year is expected to be the first year after admission as a doctoral student. During this year of residency the student is expected to make progress toward the degree by completing course credits and satisfying doctoral degree requirements. The residency year consists of three consecutive terms of full-time study toward the degree, with a minimum of 9 completed graduate credits a term in the student's major. Courses in Research (601), Reading and Conference (605), and other individualized study options may be a part of the 9 credits, but the majority of the year of residency in expected to consist of regular graduate course work.

A doctoral candidate may fulfill the residency requirement during the period in which he or she works toward a master's degree on the university campus as long as

1. the student has been officially awarded the master's degree
2. the doctoral degree program immediately follows the master's degree program
3. both the master's degree and the doctoral degree are in the same discipline

Students working toward a PhD or professional doctorate must register for a minimum of 18 credits in Dissertation (603). Credit for Dissertation is recorded P/N (pass/no pass). See Dissertation Registration for more information.

Language Requirement

Individual schools or departments may require knowledge of a second language or of other specialized disciplines, such as computer science or statistics, as part of a PhD program. Information about these requirements is available from the school or department.

Candidates for the doctor of philosophy degree at the University of Oregon are expected to have proficiency in at least one language in addition to English if a substantial, relevant body of literature in one or more languages exists in the candidate's specialized field of dissertation research. It is the responsibility of the candidate's advisor or doctoral committee to determine which languages the candidate is expected to know before beginning dissertation research. Guidelines for language proficiency are established by the candidate's home department.

Advisory Committee

The advisory committee, appointed by the department, determines the work to be completed in light of the student's academic background and objectives. This committee usually consists of three or four members, and the student's advisor is chair.

Examinations and Advancement to Candidacy

Every student must pass comprehensive examinations (oral, written, or both) that cover the primary areas of the student's program and, if applicable, any supporting area required by the department. The student is responsible for material directly covered in completed graduate courses and for additional independent study in his or her field.

Within two weeks of the student passing these examinations, the home department and the student must submit a report to the dean of the Graduate School recommending advancement to candidacy.

Dissertation

All candidates must submit a dissertation based on independent and original research. The dissertation must contribute significantly to knowledge, show a mastery of the literature of the subject, be written in acceptable literary style, and conform to the standards outlined in the University of Oregon Thesis and Dissertation Style and Policy Manual. The manual is available from the Graduate School's website. Doctoral dissertations must be submitted electronically to ProQuest (formerly University Microfilms International). Copyright registration is optional.

Research Compliance

University policy requires that students who intend to engage in research involving human or animal subjects have their research procedures approved before they begin to collect data. Researchers who want to use human subjects may obtain protocol forms and procedures from the Research Compliance Services website, orcr.uoregon.edu.

Researchers who want to use vertebrate animals may obtain protocol forms and procedures from the Animal Care Services website (http://acs.uoregon.edu/content/animal-care-services).

Dissertation Committee

Following advancement to candidacy, the candidate's department proposes the membership of the dissertation committee to the dean of the Graduate School, who appoints the committee after approving it.

The committee includes at least four instructional faculty members. Three of the members are from the department awarding the degree and one is from outside the department. When appropriate, some of the home department committee members may be from another department, with the approval of the dean of the Graduate School and the home department. The committee should be proposed to the dean within one month after advancement to candidacy but in no case later than six months before completion of the dissertation defense.

A detailed description of the policy on dissertation committees is available on the Graduate School's website.

Dissertation Registration

Registration for Dissertation (603) is allowed only after the candidate has advanced to candidacy. Doctoral students must have a minimum of 18 credits of Dissertation (603) to graduate. Doctoral students are required to enroll for a minimum of 3 credits of Dissertation (603) in the term of degree completion and during any other term in which they are utilizing faculty time or university resources.

Defense of Dissertation

Formal, public defense must take place on campus at a date set by the committee chair and approved by the Graduate School.

Tentative approval of the dissertation by the committee is recommended prior to formal defense. This evaluation is based on copies of the final manuscript, which the candidate provides for the dissertation committee at least three weeks before the formal defense.

The approved application for final oral defense must also be filed with the Graduate School three weeks before the formal defense. Visit the Graduate School website for specific instructions.

The time and place of the defense must be publicly noted. The dissertation committee must be present at the defense, and the chair of the committee must certify to the Graduate School within two weeks following the defense that the defense was held as scheduled.

Completion of Dissertation

Within two weeks following the defense of the dissertation but before the dissertation is submitted to the Graduate School, each member of the dissertation committee must confirm in writing either approval or disapproval of the final version. Approval requires a unanimous vote. In the event of a split vote, the dean of the Graduate School determines the review procedure after consultation with the student, the department chair (or the school dean), and the committee.

Committee members should sign the Certificate of Completion, signaling approval of the dissertation, only if they have seen and approved what is substantially a final draft and if they are willing to delegate the overseeing of remaining minor revisions to the chair. If this is not the case, they should not sign the Certificate of Completion. If no signed approval form is received by the Graduate School within two weeks following the scheduled oral examination, another oral examination must be scheduled for defense of the dissertation. Once the dissertation has been approved by the committee, the student must submit the dissertation electronically to the Graduate School. Visit the Graduate School website for deadlines and submission instructions.

Time Limit

The seven-year time limit for completing a doctoral degree begins with the first term of admission as a conditional or regular doctoral student at the University of Oregon. The required year of residency, the passing of the comprehensive examinations required for advancement to candidacy, and the completion of the doctoral dissertation must all be accomplished within this seven-year period. On-leave status does not extend the seven-year deadline unless an extension is expressly approved by the Graduate School.

A petition for an extension of the period can only be considered if the student has already advanced to candidacy and has an approved dissertation proposal by the end of the seventh year. Petitions for extension of the seven-year limit may include the requirements of a second year of residency or a new set of comprehensive examinations or both. Petitions are evaluated case by case and are not automatically granted.

In addition, some departments may require that the dissertation be completed within a certain number of years after advancement to candidacy (e.g., three years) to ensure currency of knowledge. In such cases, a petition for an extension of that three-year period is evaluated in the same manner as a petition to extend the seven-year limit.

Students are responsible for staying informed about, and complying with, departmental regulations as well as Graduate School regulations.

Continuous Enrollment

Unless on-leave status has been approved, a student enrolled in a doctoral program must attend the university continuously until all the program and university requirements, including submission of the dissertation to the Graduate School, have been met. To be continuously enrolled, the student must register for 3 graduate credits each term excluding summer sessions. See On-Leave Status (p. 704) under General Requirements and Policies.

On-Leave Registration

While on on-leave status, the doctoral candidate acknowledges that he or she is not using any university or faculty services (e.g., no examinations are being taken, no committee changes are being processed, and no dissertation chapters are being submitted for review). On-leave status maintains the student's status as a degree candidate and reserves a place for dissertation supervision and other academic affairs upon the student's return to active enrollment within the seven-year time limit.

Doctor of Education

The Doctor of Education (DEd) degree is granted in recognition of the candidate's mastery of theory, practice, and research in professional education.

General Requirements

Candidates for the DEd degree must meet the requirements established by the College of Education. In addition to a primary specialization, the student's plan of study should include work in supporting areas of education, such as foundation areas, a research area, and some noneducation courses related to the program. With the exceptions noted

here, the general requirements for residence, dissertation, examinations, time limit, and continuous enrollment are the same as for the PhD degree.

Dissertation

The student should develop the dissertation proposal early in the doctoral program. The dissertation may be either a report of research that makes an original contribution to knowledge or a study in which the student takes knowledge that is available and produces a constructive result of importance and value for educational practice.

Advancement to Candidacy

Advancement to candidacy for the DEd degree is based on recommendation by a doctoral advisory committee and demonstrated proficiency in comprehensive examinations. The student may take these examinations only after (1) admission to the degree program, (2) substantial completion of all the planned course work, and (3) the advisor's permission to take the examinations.

Doctor of Musical Arts

Requirements for the doctor of musical arts (DMA) degree include formal admission, proficiency and comprehensive examinations, second languages, a program of study including area of emphasis, and a dissertation or lecture document. Requirements for residence, time limit, and continuous enrollment are the same as those listed for the PhD degree. See the **School of Music and Dance** section of this catalog for details.

DMA in Performance

The doctor of musical arts degree in performance has two options.

Option I requires a written dissertation after completion of the program of courses and seminars, the required recitals or other performances, and the comprehensive examinations.

Option II requires the student to give a lecture-presentation and produce a written document of fifty pages in lieu of the traditional written dissertation. The presentation and document are in addition to recitals or performances required in the various areas of performance.

Chronological Summary of Procedures Leading to Doctoral Degrees

1. **Admission**
2. **Continuous enrollment.** Students enrolled in advanced degree programs must attend the university continuously (except for summers) until all the program's requirements are completed, unless on-leave status has been approved. Minimum enrollment is 3 graduate credits a term
3. **Course work and residence.** Student's advisory committee, appointed by the department, school, or college, determines the program, which must include at least 81 credits of accredited graduate work beyond the bachelor's degree over the course of at least three years, of which at least one academic year (three consecutive terms of full-time study—minimum of 9 completed graduate credits a term) must be completed at the University of Oregon
4. **Second languages or other specialized knowledge.** Regulations are set by the department, school, or college
5. **A comprehensive examination**, covering the major discipline, advances the student to candidacy for the degree. The examination is taken after the majority of required course work has been completed and after most of the requirements for the degree, except completion and defense of the dissertation, have been satisfied
6. **Appointment of dissertation committee, registration for Dissertation (603), and completion of dissertation**. The committee is appointed following advancement to candidacy and at least six months before completion of the dissertation. Typically, the committee consists of at least three members of the graduate faculty of the candidate's home department, school, or college as well as a Graduate School representative who is a graduate faculty member from outside the candidate's department. A minimum of 18 credits in Dissertation (603) are required after advancement
7. **Application for degree** made to the Graduate School. Deadlines and instructions are available on the Graduate School website
8. **Defense of dissertation.**Approve application for final oral defense must be filed with the Graduate School no fewer than three weeks before the date of defense
9. **Dissertation publication**, arranged through the Graduate School
10. **Granting of degree** at end of term in which all degree requirements are satisfied
11. **Diploma**, with commencement date, issued by Office of the Registrar

Applied Information Management Program

Kara McFall, Program Director
541-346-4231
800-824-2714
Baker Downtown Center, 975 High Street, Suite 110
Eugene, Oregon 97401
aim@uoregon.edu
aim.uoregon.edu

Advisory Board and Associates

Hope Angel, Oregon Health and Science University
Kara McFall, applied information management
Jane Maitland-Gholson, applied information management

About the Program

The multidisciplinary master's degree program in applied information management (IS:AIM) is designed to examine the relationship between developments in information technologies and the management of organizations. The degree program, which is only available online, leads to a master of science (MS) degree from the Interdisciplinary Studies Program offered by the Graduate School.

The AIM Program offers innovative graduate study in management education, framed from the perspective that information managers, to be effective, must have more than an understanding of new technologies. To meet the challenges of the future, they must combine knowledge in management, business, and communications within a technological and global context.

Graduate Study in Applied Information Management

To earn a master of science degree in interdisciplinary studies: applied information management online, students must complete 54 credits in four areas: information management, business management, information design, and research.

The admission process is aimed at selecting students with demonstrated potential to become responsible, effective managers. No specific

undergraduate major is required. Factors considered for admission include professional experience; letters of recommendation; a letter of purpose; undergraduate grade point average (GPA); and a minimum Test of English as a Foreign Language (TOEFL) score of 600 (paper-based) or 100 (Internet-based), or a minimum International English Language Testing System (IELTS) score of 7.5. The typical student works in a technology-oriented position, has five years professional experience, and has a clear understanding of how the academic program can promote and augment professional goals.

More information, application materials, and a list of required courses are available on the program's website and from the program coordinator at the AIM office in Eugene. See the Courses section for AIM courses.

Courses

AIM405. Reading and Conference: [Topic]. 1-5 Credits.
Repeatable.

AIM406. Special Problems: [Topic]. 1-5 Credits.
Repeatable.

AIM407. Seminar: [Topic]. 1-5 Credits.
Repeatable.

AIM408. Workshop: [Topic]. 1-6 Credits.
Repeatable.

AIM410. Experimental Course: [Topic]. 1-6 Credits.
Repeatable.

AIM507. Seminar: [Topic]. 1-5 Credits.
Repeatable.

AIM508. Workshop: [Topic]. 1-6 Credits.
Repeatable.

AIM510. Experimental Course: [Topic]. 1-6 Credits.
Repeatable.

AIM605. Reading and Conference: [Topic]. 1-5 Credits.
Repeatable.

AIM606. Special Problems: [Topic]. 1-5 Credits.
Repeatable.

AIM607. Seminar: [Topic]. 1-5 Credits.
Repeatable.

AIM608. Workshop: [Topic]. 1-6 Credits.
Repeatable.

AIM609. Terminal Project. 1-6 Credits.
Repeatable.

AIM610. Experimental Course: [Topic]. 1-6 Credits.
Repeatable.

AIM642. Managing Organizations in Technological Environments. 3 Credits.
Examines critical issues in business and provides a framework for redesigning organizations in response to change. Topics include market trends, work force changes, and environmental conditions.

AIM644. Marketing Management and Planning. 3 Credits.
Investigates the design of a marketing program, nature and behavior of markets, marketing decisions and law, evaluation of marketing efficiency, and issues involving technology.

AIM646. Creating Business Solutions with Technology. 3 Credits.
Methods of aligning information technology planning with corporate goals and objectives. Topics include strategic planning, design and evaluation of techology projects.

AIM654. Information Design and Communication. 3 Credits.
Addresses concepts, vocabulary, tools and technologies related to the design and preservation of electronically processed and print information that increases attention and understanding.

AIM656. Information Design Trends. 3 Credits.
Examines information design trends, as they affect standards and website implementation, from a project manager's perspective.

AIM665. Project Management. 3 Credits.
Presents theoretical and practical applications of scheduling and project management. Topics include planning, budgeting, and evaluation using project management tools.

AIM668. Information Systems and Management. 3 Credits.
Information systems, how they change, the role of management, and the structure of organizations. Topics include the strategic role of information, managing systems implementation, and end-user computing.

AIM669. Data Management and Communications. 3 Credits.
Concentrates on work-group and organizational data management and communications issues with emphasis on goals and applications. Extensive use of case studies reinforces the concepts.

Courses

IST503. Thesis. 1-16 Credits.
Repeatable.

IST601. Research: [Topic]. 1-16 Credits.
Repeatable.

IST602. Supervised College Teaching. 1-5 Credits.
Repeatable.

IST605. Reading and Conference: [Topic]. 1-16 Credits.
Repeatable.

IST606. Special Problems: [Topic]. 1-16 Credits.
Repeatable.

IST607. Seminar: [Topic]. 1-5 Credits.
Repeatable.

IST608. Workshop: [Topic] or Colloquium: [Topic] or Special Topics: [Topic]. 1-16 Credits.
Repeatable.

IST609. Terminal Project. 1-16 Credits.
Repeatable.

IST610. Experimental Course: [Topic]. 1-5 Credits.
Repeatable.

Courses

JC610. Joint Campus Experimental Course: [Topic]. 1-15 Credits.

Research Centers and Institutes

The university's interdisciplinary institutes and centers provide opportunities for graduate training and research. Members hold faculty positions in related academic departments. Students who want to work in one of the institutes as part of thesis or dissertation research must satisfy the graduate degree requirements of the related department through which they earn their degree.

Students who want to work in any of these fields may obtain information about the programs and financial aid from institute and center directors as well as online (http://research.uoregon.edu/content/uo-research-centers-and-institutes).

Center for High Energy Physics

James Brau, Director
541-346-4898
uoregon.edu/~chep

The Center for High Energy Physics enhances the physics research activities at Oregon by sponsoring seminars on topics in high-energy physics, hosting visiting scientists, supporting graduate student research, aiding interaction between experimental activities and theoretical investigations of Oregon scientists, and fostering communication of research to the broader community.

Center for the Study of Women in Society

Michael Hames-Garcia, Director
541-346-5015
csws.uoregon.edu

This multidisciplinary research center generates, supports, and disseminates research on gender and all aspects of women's lives. A member of the National Council for Research on Women, the center is one of ninety-five women's research and policy facilities in the United States and among 300 such centers in more than eighty countries.

Center on Brain Injury Research and Training

Ann Glang, Director
541-346-0593
cbirt.org (http://csws.uoregon.edu)

The center conducts research and training to improve the lives of children and adults with traumatic brain injury, and research focuses on developing interventions to improve issues related to their education, employability, and quality of life. Training activities promote the use of best practices among educators and other professionals who serve individuals with traumatic brain injury.

Center on Teaching and Learning

Hank Fien, Director
541-346-3562
ctl.uoregon.edu

The center is a community of scholars who conduct and disseminate research that focuses on the solutions to serious but practical problems in school systems. It seeks to advance the understanding and use of the most rigorous scientific evidence and research-based practices to prevent the academic difficulties that many school-aged children experience. The primary focus of research is the role of curriculum, instruction, and assessment as individual elements that affect student advancement in school systems.

Committee on the Advancement of Women Chemists

Geri Richmond, Director
541-346-0116
coach.uoregon.edu

The committee is a grassroots organization working to increase the number and career success of women scientists and engineers. In addition to providing avenues for networking and mentoring of scientists and engineers at all levels, it works closely in an advisory capacity with many institutions, government organizations, and departments to create a professional workplace that provides an equal opportunity for discovery.

Environmental Science Institute

Dan Gavin, Director
541-346-4532
esi.uoregon.edu

The institute was founded on the recognition that solving complex environmental problems requires the knowledge and expertise from multiple disciplines. Its mission is to promote interdisciplinary research and graduate education in the environmental sciences. Members primarily come from the Departments of Anthropology, Biology, Geography, and Geological Sciences. Research of the faculty and graduate students spans the gamut from the geophysical to the organismal, from scales microbial to global, and from periods geologic to contemporary.

Institute for a Sustainable Environment

Cassandra Moseley, Director
541-346-0675
sustainable.uoregon.edu

The Institute for a Sustainable Environment performs funded research projects related to regional analysis for managing landscape change due to population growth, climate change, economic change, and policy change. The institute also undertakes consulting projects and investigations related to these problems, helping governments and corporations adapt their policies and practices to better cope with rapidly evolving sustainability issues and challenges.

Institute of Cognitive and Decision Sciences

Frances J. White, Director
541-346-4941
icds (http://icds.uoregon.edu).uoregon.edu

The Institute of Cognitive and Decision Sciences is dedicated to exploring the workings of the mind and brain and how they affect human behavior and social interaction. Its goals are to advance the empirical study and theoretical understanding of cognition, culture, and communication from an interdisciplinary perspective.

Institute of Ecology and Evolution

Scott Bridgham, Director
541-346-4532
ie2.uoregon.edu

The Institute of Ecology and Evolution, established in 2002 as the Center for Ecology and Evolutionary Biology, promotes and facilitates research and graduate education in ecology and evolutionary biology. The institute encourages scientific interactions among its members and between members and the wider academic community.

Institute of Molecular Biology

Ken Prehoda, Director
541-346-7992
www.molbio.uoregon.edu

The University of Oregon offers a wide variety of research and training opportunities in contemporary molecular, structural, cellular, and developmental biology. The Institute of Molecular Biology fosters research and training in contemporary biology at the molecular level by bringing scientists from biology, chemistry, and physics into a common intellectual and physical space.

Institute of Neuroscience

Terry Takahashi, Director
541-346-4556
www.neuro.uoregon.edu

The Institute of Neuroscience is an interdisciplinary research group of scientists, with faculty members and students drawn from the Departments of Biology, Human Physiology, and Psychology. Its laboratories offer graduate and postdoctoral training in the neurosciences with projects that address the development of the nervous system and human cognitive processes.

Institute of Theoretical Science

Dietrich Belitz, Director
541-346-4738
uoregon.edu/~its

The Institute of Theoretical Science is a center for research in several interrelated disciplines that encompass mathematics, theoretical chemistry, and theoretical physics. Research interests of the institute's members include particle physics, astrophysics and cosmology, gravitational physics, condensed matter physics and statistical mechanics, group representation theory, geometric analysis, atomic physics, nonlinear dynamics, optical physics, biophysics, and the foundations of quantum mechanics.

Materials Science Institute

Richard P. Taylor, Director
541-346-4307
materialscience.uoregon.edu

The purpose of the Materials Science Institute is to study the structure and properties of materials, to educate in the sciences of materials, and to serve Oregon as a resource in these sciences. Since 1985, the institute has more than tripled the size of its research program, developed four new graduate programs in materials, and contributed to the state's prosperity through collaboration with more than twenty-five Oregon companies.

Industrial Internships for Master's Degrees in Chemistry or Physics. The Materials Science Institute sponsors internship programs in photovoltaic and semiconductor device processing; organic synthesis and organometallics; polymers and coatings; and optical materials and devices. These programs offer interdisciplinary training at the physics-chemistry interface and are designed to make students more effective problem-solvers in the industrial environment. Students begin the program during summer session with three to four graded 4-credit courses. Students who successfully complete these courses interview for internships with local and regional industries. Students selected by these companies complete a nine-month internship with salaries ranging from $2,000 to $5,400 a month. Participants have typically moved quickly into permanent employment during or after the internship. Students remain enrolled at the university throughout the program. They meet regularly with faculty advisors and report on their internship experience. Students can earn a master of science degree in chemistry or physics by completing an additional 12 graduate credits of course work at Oregon or at a college or university close to their internship location.

Neuroinformatics Center

Allen D. Malony, Director
541-346-0534
www.nic.uoregon.edu

The center researches the application of computer science and numerical computation to problems with brain modeling and imaging. High-performance computing plays a significant role in the research at the center, which is part of the University of Oregon's Brain, Biology, and Machine Initiative.

Northwest Indian Language Institute

Janne Underriner, Director
541-346-0730
www.uoregon.edu/~nwili

The institute provides teachers, community members, and UO students with training in the teaching of Native American languages and linguistics. With tribal partners, it supports and strengthens language preservation and restoration efforts by establishing collaborative projects that meet the specific needs and desires of each language community.

Oregon Center for Optics

Jeff Cina, Director
541-346-4528
oco.uoregon.edu

The center encompasses research in basic and applied aspects of optics in physics and physical chemistry. Members of the center are instructors in physics and chemistry; associate members are from these departments as well as from institutions outside the university; students —undergraduate, master's, and doctoral—are involved in all aspects of research at the center.

Oregon Humanities Center

Paul Peppis, Director
541-346-3934
ohc.uoregon.edu

The center is the sole interdisciplinary umbrella organization for the humanities at the University of Oregon. It seeks to promote and strengthen the humanities both on campus and in the broader community by supporting faculty research and teaching, fostering collaboration among the disciplines, and sponsoring a wide variety of public programs.

Oregon Institute of Marine Biology

Craig M. Young, Director
541-888-2581
uoregon.edu/~oimb

Founded in 1930, the Oregon Institute of Marine Biology is the third-oldest marine laboratory on the Pacific Coast. The 130-acre campus, located about two hours from Eugene, maintains housing and research facilities for visiting investigators and students from other institutions. Members of the resident faculty are from the UO Department of Biology, conducting research on the development, ecology, evolution, and physiology of marine organisms worldwide from the intertidal zone to the deep sea.

Prevention Science Institute

Elizabeth A. Stormshak, Director
541-346-9396
psi.uoregon.edu

The Prevention Science Institute at the University of Oregon is a multidisciplinary institute focused on understanding human development, preventing behavioral health problems, and implementing effective interventions in community settings. The institute evolved from the Child and Family Center (http://cfc.uoregon.edu), which remains as a center within it. The core mission is to improve the lives and well-being of at-risk children, individuals, and families throughout the lifespan. It is a research institute designed for collaboration among faculty members across disciplines, including psychology, social and affective neuroscience, development, education, and others interested in prevention.

Research Core Facilities

The university's research core facilities are administered to promote excellence in research, innovation, and graduate education at the University of Oregon. To that end, these specialized facilities provide access to specific types of research capacity—equipment, material, data acquisition, data analysis, consultation and expertise, and other services.

Animal Care Services

Monte Matthews, Director
541-346-4957
acs.uoregon.edu/content/animal-care-services

Animal Care Services is responsible for administering all activities related to the care and use of animals. Its functions include procurement of all live vertebrates for research and teaching, supervision of animal technicians, control of animal holding facilities, and provision of veterinary care. Animal Care Services also has the responsibility for developing and implementing a plan for obtaining accreditation from the Association for Assessment and Accreditation of Laboratory Animal Care International for the University of Oregon's animal care and use program.

Aquatic Animal Care Services

Tim Mason, Manager
541-346-4598

Aquatic Animal Care Services provides support for research involving fish and other aquatic vertebrates. Its primary duty is to support the Zebrafish International Research Center, which has recently been expanded with the support of a National Institutes of Health American Recovery and Reinvestment Act facilities grant. This facility supports the work of dozens of researchers who use zebrafish as a model system for genetics, development, host-microbe interactions, and neurobiology. Zebrafish research was founded at the University of Oregon in the early 1980s by George Streisinger and has since spread to include thousands of researchers drawn from institutions around the world.

Bowerman Sports Science Clinic

Michael Hahn, Director
541-346-3554
bssc.uoregon.edu

The Bowerman Sports Science Clinic is a regional outreach facility charged with improving the health, fitness, and well-being of athletes in and around Eugene, Oregon. A variety of services are provided, including physical assessments of current fitness levels, potential injury mechanisms, and sport-specific training advice to help athletes achieve their individual performance goals.

Center for Advanced Materials Characterization in Oregon

Kurt Langworthy, Director
541-346-6447
camcor.uoregon.edu

The Center for Advanced Materials Characterization in Oregon is a user facility housing a comprehensive array of materials characterization instrumentation and expertise to serve the needs of researchers on the University of Oregon campus, regional industries, and academic institutions. The facilities provide infrastructure for research in chemistry, nanoscience, engineering, physics, materials science, geology, bioscience, and optics.

Center for Assessment, Statistics, and Evaluation

David DeGarmo, Director
541-346-6554
case.uoregon.edu

The Center for Assessment, Statistics, and Evaluation serves as a resource for UO faculty members and graduate students and the larger community, providing technical support for statistical analysis and research design using a variety of models and software; assisting researchers and practitioners in assessment and measurement issues involving instrument development and on e-assessments; and providing program evaluations and technical support for departments within the university as well as state and local educational agencies throughout Oregon.

Genomics Core Facility

Doug Turnbull, Director
541-346-5170
gcf.uoregon.edu

The Genomics Core Facility supports scientific research at the University of Oregon by offering genetic and genomic technologies. The facility provides in-house services and specialized equipment, including Sanger DNA sequencing, microarray-based genotyping, microarray printing, robotics for high-throughput manipulation of DNA samples, and next-generation, Illumina-based, high-throughput DNA sequencing and associated bioinformatics.

Robert and Beverly Lewis Center for Neuroimaging

Fred Sabb, Director
541-346-0337
lcni.uoregon.edu

The Lewis Center for Neuroimaging, a component of the Brain, Biology, and Machine Initiative at the University of Oregon, supports interdisciplinary research in cognitive neuroscience and biological imaging. The center has a Siemens Allegra 3T magnetic resonance imaging (MRI) unit and full capabilities for the design and fabrication of magnetic resonance coils to support a broad range of research needs and applications.

Technical Science Administration

Kurt Langworthy, Director
541-346-3660
tsa.uoregon.edu

The Technical Science Administration is a collection of professionalmachinists andelectrical engineers who help support internal and external research projects and equipment. The shops prototype sophisticated instrumentation for novel research projects, engineer creative solutions and products, and repair, upgrade, or retrofit existing scientific instrumentation.

Transgenic Mouse Facility

Ute Hostick, Manager
541-346-4935
www.neuro.uoregon.edu/ionmain/TMF/index.html

The Transgenic Mouse Facility provides all the services necessary to produce and maintain genetically modified mice. These services range from designing projects to maintaining colonies. The facility also houses histology services.

Undergraduate Studies

Undergraduate studies, a division of the Office of Academic Affairs, offers programs that enrich the academic life of undergraduate students in all majors and preprofessional programs. Under the leadership of the vice provost for undergraduate studies, the division promotes

- a campus culture of intellectual curiosity and engagement
- opportunities for students at all levels to be creative and to work in close association with outstanding faculty members
- a coherent approach to general education

The central responsibility of the division is to introduce students to the university and the world of ideas, supporting those who are curious and intellectually vigorous regardless of their cultural background or socioeconomic circumstances.

Academic Advising

Kimberly Johnson, Director
541-346-3211
541-346-6048 fax
364 Oregon Hall
http://advising.uoregon.edu

The Office of Academic Advising assists students in making a smooth transition to the university, understanding general-education requirements, class scheduling, solving academic problems, and understanding academic sanctions and petitioning processes. The office coordinates advising for new, undeclared students—first-year and transfer—with academic departments, schools, and colleges.

See **Preparatory Programs** in this section of the catalog for information about advising in preprofessional areas of study.

Academic Standing

Academic standing at the University of Oregon is determined by the grade point average (GPA) a student earns in university courses. Good academic standing means that the student has a cumulative UO GPA of 2.00 or better.

Academic sanctions are explained in the **Registration and Academic Policies** section of this catalog. Advisors in the Office of Academic Advising are available to assist students who want to discuss their academic standing.

National Student Exchange

The University of Oregon is one of nearly 200 colleges and universities throughout the country with membership in the National Student Exchange. Participating campuses are located in all fifty states, several territories, and Canada. Qualified students at member institutions may apply for exchange enrollment at a participating school. This program enables students to study in different geographical areas of the United States and Canada and take advantage of specialized courses or unique programs that may not be available on their home campuses. Participation in the program is limited to one year.

To qualify, a UO student must have a 2.50 cumulative grade point average (GPA) or better and have a record of good conduct at the university. Students typically participate in the exchange program during the sophomore or junior year. Students apply during winter term for the following academic year. Participants are assessed in-state tuition by the host institution or pay the University of Oregon tuition while on exchange. Materials are available in the Office of Academic Advising. For more information, contact Karla Haught, 541-346-3211.

Preparatory Programs

Students may begin preparing for the following professional or graduate programs at the University of Oregon. Some of the programs simply require a bachelor's degree for admission, while others require specific undergraduate courses, standardized examinations, and field experience. Students who are interested in the preparatory programs should consult appropriate university advisors as listed below.

Engineering, Preparatory

Greg Bothun, Acting Preengineering Director
541-346-6108
440 Willamette Hall

Engineers are in demand to solve practical problems by applying the principles of physical science and mathematics. While it is sometimes difficult to define the difference in outlook between a career in one of the physical sciences, e.g., physics or chemistry, and a career in engineering, engineering solutions to problems are usually more influenced by practical and economic considerations.

There are two academic phases in earning a bachelor's degree in an engineering field: (1) preengineering is the first two to three years of course work before admission to a professional engineering program, and (2) professional engineering is the last two years of course work at a school of engineering leading to a bachelor of arts or bachelor of science degree in engineering. Engineering graduates may become licensed professional engineers after four years of employment in their field of specialization and successful completion of state license examinations.

The University of Oregon offers a preengineering program for students who want to complete their first two to three years of study at a liberal arts university before transferring to a school of engineering. Details are contained in the *Student Guide for Engineering Preparation at the University of Oregon including the 3/2 Program with Oregon State University*, available in the Department of Physics office.

High School Preparation. Students interested in an engineering career should complete as much mathematics and science as possible in high school. If possible, four years of high school mathematics (including advanced algebra, trigonometry, and elementary functions) should be completed in order to begin calculus in the first year at the university. Physics and chemistry courses are strongly recommended.

Preengineering Requirements

The following requirements are designed for students planning to transfer into the Oregon State University (OSU) College of Engineering. Detailed requirements are specified in the *OSU College of Engineering Advising Guide*, available from the College of Engineering, Oregon State University, Corvallis, Oregon 97331; telephone 541-737-5236.

While preengineering requirements at other engineering schools are similar, students should obtain advising guides from the schools of their choice.

The University of Oregon does not offer certain preengineering courses. However, Engineering Graphics (GE 115), Statics (ENGR 211), Dynamics (ENGR 212), Strength of Materials (ENGR 213), and Electrical

Fundamentals (ENGR 221) are available from the Science Department at Lane Community College. Full-time UO preengineering students are eligible to take these courses. ENGR 211, 212, 213 must be taken in sequence. Details of registration for these courses, including pre- and corequisites, are available from the preengineering director.

The Department of Physics offers a three-plus-two program. It allows a student to earn a bachelor's degree in physics from the University of Oregon and a bachelor's degree in engineering physics from Oregon State University by completing three years of study in Eugene followed by two years in Corvallis in the OSU College of Engineering. Interested students should consult the preengineering director.

Required preengineering courses must be completed with grades of mid-C or better for admission to the OSU College of Engineering. These courses vary from program to program.

Sample Program

The following sample program is for students prepared to begin calculus in their freshman year.

Freshman Year		
MATH251–253	Calculus I-III	12
PHYS251–253	Foundations of Physics I	12
PHYS204	Introductory Physics Laboratory	2
WR121	College Composition I	4
CIS122	Introduction to Programming and Problem Solving (Freshman Year)	4
Humanities and social science courses		12
Total Credits		**46**
Sophomore Year		
MATH256	Introduction to Differential Equations (Sophomore Year)	4
MATH281–282	Several-Variable Calculus I-II	8
MATH341–342	Elementary Linear Algebra	8
CH221–222	General Chemistry	8
CH227	General Chemistry Laboratory	2
CH228	General Chemistry Laboratory	2
PHYS351	Foundations of Physics II	4
Engineering courses from OSU		12
Total Credits		**48**

Additional Requirements

In addition to WR 121, two communication courses and an upper-division writing-intensive course in the major are required. Some engineering programs require three terms of chemistry.

Consult the preengineering director about these and other bachelor's degree requirements for the OSU School of Engineering.

Forensic Science, Preparatory

Deborah B. Exton, Head Advisor
541-346-4629

Forensic science is the application of scientific principles and technological practices to the study and resolution of criminal, civil, and regulatory issues. The role of the forensic scientist is twofold: to analyze physical evidence and to provide expert testimony in a court of law. This information is helpful in determining the innocence or guilt of the suspect. The University of Oregon provides advising and course work for students interested in pursuing a career or graduate study in the forensic science field, but does not offer a degree in forensic science. The majority of positions in crime laboratories require a minimum of a bachelor's degree in a physical science. The choice of major depends on your interests and the area of forensic science in which you plan to seek employment. Advanced degrees are useful for career advancement and may be required for certain positions. Employment opportunities exist in law enforcement agencies at the local, state, and national level as well as in the private sector. Employment can also be found within such agencies as the U.S. Food and Drug Administration, Environmental Protection Agency, Fish and Wildlife Service, and Drug Enforcement Administration.

Minimum Requirements

- Bachelor's degree in any discipline, although biology, chemistry, computer and information science, general science, or physics are most appropriate
- For graduate programs, scores from Graduate Record Examinations; a few schools will accept Medical College Admission Test scores instead
- Letters of recommendation from science faculty members

Suggested Science Courses

- A yearlong biology sequence is recommended. Check with the preforensic science advisor for the option that is best for you
- General Chemistry (CH 221, 222, 223) with laboratories (CH 227, 228, 229) or Honors General Chemistry (CH 224H, 225H, 226H) with laboratories (CH 237, 238, 239); Organic Chemistry (CH 331, 335, 336) with laboratories (CH 337, 338)
- Instrumental Analysis (CH 429) is strongly recommended
- Calculus I,II (MATH 251, 252) and a course in statistics
- General Physics (PHYS 201, 202, 203) with laboratories (PHYS 204, 205, 206)

Additional recommended course subjects are photography and public speaking.

A complete list of graduate programs is available from the head advisor. Students are urged to contact the graduate programs of their choice for information about application procedures.

Law, Preparatory

Kris Katkus, Prelaw Coordinator; Tom Bush Prelaw Advisor
541-346-3211
364 Oregon Hall

Law schools require that applicants for admission have a bachelor's degree. They do not, however, require specific undergraduate majors or prescribe a specific prelegal curriculum. Law schools suggest that prospective students choose majors that provide education in broad cultural fields, which orient students to the general societal framework within which our legal system has developed.

Whatever the undergraduate major, prelaw students should place considerable emphasis on the development of skills in English composition and communication and on acquiring the ability to read with understanding, to think logically, and to perform research and analysis competently. Many law schools advise against a large concentration of courses in vocational training.

The following courses would be appropriate. They are not required for admission, nor do they substitute for a broad, well-developed educational background.

- College Composition I (WR121), College Composition II (WR122), College Composition III (WR123), Advanced Composition (WR423)
- Introduction to Economic Analysis: Microeconomics (EC201), Introduction to Economic Analysis: Macroeconomics (EC202)
- United States (HIST201), United States (HIST202), United States (HIST203)
- Introduction to Accounting I (ACTG211), Introduction to Accounting II (ACTG213), or Accounting: Language of Business Decisions (BA215)
- Critical Reasoning (PHIL103), Social and Political Philosophy (PHIL307), Social and Political Philosophy (PHIL308), Logic, Inquiry, and Argumentation (PHIL325), Introduction to Philosophy of Law (PHIL344)
- (Introduction to the Tradition of Political Theory (PS208), Legal Process (PS275), Political Theory: Ancient and Medieval (PS430), Political Theory: Renaissance, Reformation, and Early Modern (PS431), Political Theory: Modern and Contemporary (PS432)), Constitutional Law (PS470), United States Supreme Court (PS484)
- Literature and additional expository writing courses
- Journalism—Media and Society (J201), Communication Law (J385)

Courses in psychology and sociology are recommended.

All accredited law schools in the United States require their applicants to submit scores from the Law School Admission Test (LSAT). The examination is given in October, December, February, and June. Registration may be completed online or by telephone. Consult the Law School Admission Council's website, lsac.org, for online registration and additional information. Registration must be completed at least a month before the testing date. For those planning to attend law school immediately upon graduation, it is recommended that the examination be taken in the spring of the junior year or at the earliest possible date in the senior year. The University Teaching and Learning Center, 68 Prince Lucien Campbell Hall, offers moderately priced review courses each term.

Each law school has its own admission criteria. The primary predictors of admission are LSAT scores and grade point averages. Various subjective factors are also considered. Students should use the pass/no pass option with restraint. They should expect to provide letters of recommendation and statements of purpose.

Additional information about prelegal study and law school admission is available from the Law School Admission Council's website. Students who want more information or assistance should schedule an appointment at the Office of Academic Advising.

Workshops are scheduled for students interested in preparing for law school each fall and spring semester. Information about these workshops is available on the Office of Academic Advising website.

Teacher Education, Preparatory

Angel Dorantes, Advisor
541-346-0658
124 Lorry I. Lokey Education Building

Several options are available to UO students who want teaching careers, although there is no undergraduate licensure program available at the University of Oregon. Students who want elementary teaching licenses may earn a bachelor's degree in educational foundations and apply to the graduate UO Teach program.

Students who want middle-secondary teaching licenses should complete their undergraduate degree in the content area in which they want to teach, then apply to the graduate UO Teach program offered in the Department of Education Studies. Areas of undergraduate preparation appropriate for this program include languages (French, German, Japanese, Chinese, and Spanish), language arts, social studies, biology, chemistry, physics, integrated science, or mathematics. Students interested in social studies should take course work in history, economics, and political science though they may major in anthropology, sociology, or another field. These graduate-level licensure programs take approximately one year to complete, and they emphasize fieldwork, teaching methods, and pedagogy. With additional work, a master's degree can be earned. (To answer questions regarding the master's program, contact Richelle Chambers Krotts, uoteach@uoregon.edu, 541-346-1360, in 124 Lokey Education Building.) Students interested in teaching music should contact the School of Music and Dance.

Admission to any of the graduate programs is competitive and requires a strong academic record. The University of Oregon offers graduate programs in teaching such subjects as early childhood, communication disorders, early intervention, special education, and music. Others schools offer graduate programs for teaching agricultural science, art, drama, educational media, general business, health education, family and consumer science, marketing, physical education, and instruction for the visual and hearing impaired. Applicants are expected to have tested their interest in teaching through various experiences with young people. It is important for prospective candidates to make early and regular contact with graduate programs at the university or other schools to keep abreast of application timetables and admission requirements.

The College of Education's Office of Student Academic Services maintains a library of pertinent information on state and regional schools and offers monthly workshops explaining the programs.

Composed of faculty members from the College of Arts and Sciences, the Education Careers Advising Team assists students in completing the BA or BS degree in a way that ensures strong preparation in specific subject matter for middle-secondary graduate programs. Participating faculty members are listed in the relevant department's section of the catalog.

Accessible Education Center

Hilary Gerdes, Senior Director
541-346-1155
541-346-6013 fax
164 Oregon Hall
uoaec@uoregon.edu

The University of Oregon is dedicated to the principles of equal opportunity in education and recognizes disability as an aspect of diversity integral to the university and to society. The mission of the Accessible Education Center is to ensure the access and full inclusion of students with disabilities; the center staff works to create an educational environment that is usable, equitable, sustainable, and inclusive for all members of the university community. Inclusive design is promoted as a necessary approach to creating that environment.

The center is a resource to the university community on issues related to disability, inclusion, and access.Students, parents, and community members are encouraged to contact the office with questions, concerns,

or requests regarding full participation in university classes, programs, and offerings. Members of the faculty and staff are encouraged to consult withthe centeron a range of accessibility, accommodation, and universal design issues.

The office provides consultation, outreach, training, and direct support and services in the form of academic accommodations under guidance from the Americans with Disabilities Act and Section 504 of the Rehabilitation Act of 1973. These include, but are not limited to, academic advising,accessibletechnology assistance, classroom relocation, alternative testing procedures, instructor notification, note taking, and sign-language interpreting. The Accessible Education Center meets with students to discuss individual access needs and educational history, andreviews documentation to establish eligibility for services.

The university does not discriminate on the basis of disability in admission or access to, treatment of, or employment in its programs or activities. Modifications to academic requirements are made when needed to ensure that such requirements neither discriminate nor have the effect of discriminating on the basis of disability against a qualified applicant or student.

First-Year Programs

Marilyn Linton, Director
541-346-1241
541-346-6204 fax
470 Oregon Hall

The University of Oregon's nationally recognized first-year programs for freshmen offer

- Coherent, high-quality class experiences shaped by the student's interests and imagination
- The environment of a fine small college with the courses and resources of a major research university
- Opportunities early in the college career to get to know a small group of students and faculty members who share particular interests

First-Year Interest Groups (FIGs)

In a FIG, as many as twenty-five freshmen jointly take two group-satisfying courses and a faculty-led College Connections seminar during fall term. Students engage in projects and assignments specific to each FIG as faculty members offer mentoring and advising. The seminar may also include informal out-of-class events such as hikes, dinner with the professor, or excursions to concerts or plays. Each group has a FIG academic assistant—an advanced undergraduate student—who assists in the seminar to help new students navigate the university. There are more than sixty FIGs to choose from each year. In residential FIGs, the participants live near other students from their FIG in a university residence hall.

First-Year Seminars

These small discussion-oriented courses (eighteen to twenty-three students) are taught by outstanding university instructors. Offered fall, winter, and spring terms to first-year students, freshman seminars provide opportunities for intellectual challenge in a supportive environment.

Honors and Awards

Academic Honors

Departmental Honors

Many departments at the University of Oregon offer a bachelor's degree with honors in the academic major. Students may graduate with honors in the following majors:

College of Arts and Sciences—anthropology; biochemistry; biology; chemistry; Chinese; cinema studies; classics; comparative literature; computer and information science; economics; English; environmental science; environmental studies; ethnic studies; French; general science; general social science; geography; geological sciences; German; history; humanities; human physiology, international studies; Italian; Japanese; linguistics; marine biology; mathematics; medieval studies; philosophy; physics; political science; psychology; religious studies; Romance languages; Russian, East European, and Eurasian studies; sociology; Spanish; theater arts; women's and gender studies.

School of Architecture and Allied Arts—art history; planning, public policy and management.

Charles H. Lundquist College of Business—accounting; business administration.

School of Journalism and Communication—journalism: advertising; journalism: media studies; journalism: public relations.

Specific requirements of departmental honors programs are listed in the departmental sections in this catalog.

College Scholars Program

Through the College Scholars Program, high-achieving students can enrich an undergraduate degree program through interaction with some of the College of Arts and Sciences' finest faculty members, unique course offerings, specialized research, and related learning opportunities. Students may join this program any time up to the end of the sophomore year. The program is described in the introductory section for the **College of Arts and Sciences** (p. 56).

Honors Lists

Dean's List

The Dean's List is announced after each fall, winter, and spring term. To qualify, a student must be an admitted undergraduate, complete at least 15 credits for the term, and have a term GPA of 3.75 or better;12 of the 15 creditsmust be graded. Credits deducted for regression do not count toward the 15-credit requirement. Grade changes recorded through the second week of the subsequent term resulting in a change to the term GPA can effect the Dean's List notation (removal or addition).

Junior Scholars

The 100 undergraduates with 90 to 134 credits, the last 45 taken at the UO, and the highest GPAs are named junior scholars by the Mortar Board senior honor society during winter term.

Latin Honors

Graduating seniors who have earned at least 90 credits in residence at the University of Oregon and have successfully completed all other university degree requirements are eligible for graduation with Latin

honors. These distinctions are based on students' cumulative GPAs at the University of Oregon and the percentile rankings in their respective graduating classes, as follows:

Top 10 percent—*cum laude*

Top 5 percent—*magna cum laude*

Top 2 percent—*summa cum laude*

Postbaccalaureate students are not eligible for Latin honors. The Office of the Registrar computes Latin honors upon graduation.

Honor Societies

One means of recognizing outstanding students at the University of Oregon is through election to membership in a chapter of a local, national, or international honor society. Criteria for membership and the scope of activities vary. Some focus on scholastic achievement; others consider grades and other factors such as community service and leadership. Some honor societies select members by invitation only; for others, students must submit applications.

Initiation Fees

Many honor societies charge initiation fees. The Olwen William Harris Endowment Fund has been established to help students who cannot afford to pay initiation fees. To receive money from this fund, students must complete a request form, available from the Office of the Dean of Students. An advisory committee reviews all requests and dispenses the awards.

Honoraries Based on Scholarship

(membership by invitation)

Golden Key

Amy Neutzman, Advisor
541-346-3226
nuetzman@uoregon.edu

Golden Key national honor society recognizes scholastic achievement in undergraduate fields of study. Eligibility is limited to the top 15 percent of juniors and seniors. Students must have a 3.70 GPA and a minimum of 45 credits at the university to be invited. A membership reception is held in the spring, and two scholarships are awarded annually to outstanding junior and senior initiates. Initiation fee: $60.

Phi Beta Kappa Society

Kevin Hatfield, President
541-346-1977
www.uoregon.edu/~pbk

Founded in 1776, the Phi Beta Kappa Society is the oldest and most prestigious honor society in the nation. The UO has the only Phi Beta Kappa chapter in the Oregon University System.

The society honors students whose undergraduate academic records fulfill the objectives of a liberal arts education. Selection for Phi Beta Kappa is not automatic, but students do not have to apply or be nominated for consideration.

After screening academic records, a committee of Phi Beta Kappa members makes recommendations to the membership at large. Following an election meeting in late May, elected students are invited to join. Also elected are the Oregon Six—six students voted the most outstanding of those elected to membership that year. Students who accept the invitation to join are initiated before spring commencement. Initiation fee: $45.

Criteria for membership are listed on the Phi Beta Kappa website. Students are typically invited to join the society shortly before they graduate.

Honoraries Based on Scholarship, Leadership, and Service

(membership by invitation and application)

Friars

Established in 1910, Friars is the oldest honorary on campus. Membership is composed of faculty members and of students who have completed at least three years of study. Criteria are contributions to the university, potential for community leadership, and commitment to the university as alumni. No application is required. Prospective members are nominated by the active membership. New members are selected each spring.

Mortar Board

Deanna Belcher, Advisor
541-346-8285
deannacb@uoregon.edu

A national honor society for seniors, Mortar Board emphasizes excellence in the areas of scholarship, leadership, and service. To be eligible for membership, students must have at least a 3.35 GPA, must be a full-time student at the University of Oregon, and must have attained junior academic standing as of fall term. Selection and initiation of qualified candidates takes place spring term.

Professional Organizations

Alpha Kappa Delta

Jiannbin Lee Shiao, Advisor
541-346-5366
jshiao@uoregon.edu

An international sociological honor society, Alpha Kappa Delta is open to juniors and seniors who meet the following criteria: a cumulative GPA of at least 3.00, a cumulative GPA in UO sociology courses of at least 3.00, and completion of at least five sociology courses at the University of Oregon, at least four of which must be graded. Members investigate sociological issues and problems through social and intellectual activities that lead to improvement of the human condition. Initiation fee: $55.

Alpha Kappa Psi

Charles Kalnbach, Advisor
541-346-6164
kalnbach@uoregon.edu

Alpha Kappa Psi is a national, professional fraternity for majors and minors in business, computer and information science, and economics. Founded to enhance the business education of men and women, the organization's mission is to develop well-trained, ethical, skilled, resourceful, and experienced business leaders. To achieve this, each chapter supplements the traditional classroom experience with business field trips, seminars, career activities, research surveys, and other

professional events. A cumulative GPA of at least 2.75 is required for membership. Alpha Kappa Psi stands for the highest ideals of conduct and achievement in university and professional life. Initiation fee: $60.

Asklepiads

Jenni Van Wyk, Advisor
541-346-3211
jvanwyk@uoregon.edu

Asklepiads is for students interested in careers in the health sciences. Activities include dispensing prehealth sciences literature, maintaining information files on medical schools, supervising preceptorships in health fields, and arranging tours of the Oregon Health and Science University in Portland. Information and applications are available in 364 Oregon Hall.

Beta Alpha Psi

Joel Sneed, Advisor
541-346-3417
sneed@uoregon.edu

Beta Alpha Psi is a national scholastic and professional accounting and finance fraternity. Its primary objectives are to encourage and recognize scholastic and professional excellence in the field, to provide members with opportunities for self-development and association with practicing accountants and finance professionals, and to encourage in members a sense of ethical, social, and public responsibility. A cumulative GPA of at least 3.00, with a 3.00 in the upper-division accounting and finance courses, is required for membership. Initiation fee: $45.

Beta Gamma Sigma

Lynn R. Kahle, Advisor
541-346-3373
lkahle@uoregon.edu

Beta Gamma Sigma, a national scholastic honor society in business administration, promotes the advancement of education in the art and science of business and fosters integrity in the conduct of business operations. To be eligible for membership, a student must rank in the top 5 percent of the junior class, the top 10 percent of the senior class, or the top 20 percent of a master's degree program, or be a graduating doctoral candidate. Membership is by invitation only. Selection is by a faculty committee. Beta Gamma Sigma is strictly an honorary organization with no formal meetings other than the social functions accompanying initiation. Initiation fee: $55.

Delta Phi Alpha

Martin Klebes, Advisor
541-346-2818
klebes@uoregon.edu

Chartered in 1936, Delta Phi Alpha is a national honor society dedicated to promoting the study of German language, literature, and civilization; to furthering an interest in and a better understanding of German-speaking people; and to fostering a sympathetic appreciation of German culture.

Membership is open to graduate and undergraduate students who have completed two years of college German. Students must have an overall GPA of 2.75 and a GPA of 3.30 in their upper-division German courses. Initiation fee: $10.

Kappa Kappa Psi

Kappa Kappa Psi is an honorary band fraternity, a brotherhood dedicated to the betterment of bands and ensembles at the University of Oregon. The fraternity provides service around the School of Music and Dance, the campus, and the community, and honors high-quality musicians and students with membership.

Kappa Tau Alpha

ags@uoregon.edu

Kappa Tau Alpha is a national honor society that recognizes and encourages high scholastic and professional standards among journalism majors. Membership is by invitation to undergraduate and graduate students in the top 10 percent of their classes. Faculty members in the School of Journalism and Communication select new members. Initiation fee: $25.

Mathematics Association of America

541-346-4705

The student chapter of the Mathematics Association of America sponsors films and talks on subjects that are not usually encountered in the classroom. The talks, by students and faculty members, are geared to undergraduates. Students are welcome to attend events regardless of whether they choose to join the chapter.

Mu Phi Epsilon

Claire Wachter, Advisor
541-346-3758
cwachter@uoregon.edu

An international music fraternity, Mu Phi Epsilon members gain experience in public performances. Music majors who have reached second-term freshman standing in the music-major curriculum are eligible for election on the basis of scholarship, musicianship, character, and personality. Activities include presenting musical programs on and off campus, organizing receptions at musical events, and hosting guest artists. Initiation fee: $43.

Order of the Coif

Margaret L. Paris, Advisor
541-346-3880
mparis@uoregon.edu

Chartered at the UO in 1934, Order of the Coif is a national law school honor society that recognizes superior scholarship and promotes the ethical standards of the legal profession. The School of Law faculty selects members from the top 10 percent of each graduating class. Initiation fee: $25.

Phi Beta

www.phibeta.com (http://www.phibeta.com)

Phi Beta is a professional fraternity for students of music, speech, drama, dance, or art. It aims to encourage high professional standards and support for the creative and performing arts. Membership criteria are based on scholarship and intellectual achievement, career development, and the use of students' talents to serve other students, schools, and communities. Initiation fee: $25.

Pi Alpha Alpha

Pi Alpha Alpha, a national honor society, promotes scholarship and recognition among students and professionals in public affairs and administration and fosters integrity and creative performance in government and related public service. To become members, past or present students or teachers must display high academic achievement or outstanding public service in public-affairs or public-administration programs of universities that belong to the National Association of Schools of Public Affairs and Administration. Initiation fee: $30.

Psi Chi

psichi@uoregon.edu

The purpose of the national Psi Chi society is to encourage, stimulate, and maintain scholarship among psychology undergraduate and graduate students. Potential members must be in the top 35 percent of their class and have at least 12 credits in psychology. A 3.00 GPA is required of graduate students. Selection by application takes place throughout the year. Initiation fee: $30.

Sigma Tau Delta

Corbett Upton, Advisor
541-346-3961
cupton@uoregon.edu

Sigma Tau Delta is the international English honor society, an organization that confers distinction for high achievement in English language and literature in undergraduate, graduate, and professional studies. Sigma Tau Delta also recognizes the accomplishments of professional writers who have contributed to the fields of language and literature. A member of the Association of College Honor Societies, Sigma Tau Delta began in 1924 at Dakota Wesleyan University. There are more than 800 active chapters located in the United States, the Caribbean, Europe, and the Middle East.To be eligible to apply, students must have a minimum overall GPA of 3.25 and a minimum English GPA of 3.50, and have completed at least three semesters or five terms of college course work and four English courses by the spring term. Initiation fee: $40.

Upsilon Pi Epsilon

Michal Young, Advisor
541-346-4140
michal@uoregon.edu

Upsilon Pi Epsilon is the only existing honors society in the computing and information disciplines. Its mission is to recognize academic excellence at both the undergraduate and graduate levels. Criteria for membership are available from the advisor. Initiation fee: $15.

Service Organizations

Alpha Phi Omega

apo@uoregon.edu

A service honorary organization for undergraduate and graduate students, Alpha Phi Omega develops leadership skills and promotes friendship by serving the local community. Applications are accepted year-round in Suite 4 of the EMU. Initiation fee: $15.

Awards and Prizes

Individual and Organization Awards

Listed are major university awards presented during Family Weekend in May. Selection criteria are available from the honors and awards coordinator in the Office of the Dean of Students.

- American Association of University Women Senior Recognition Award (senior woman)
- Arts and Advocacy in the Lesbian Community Award (art or music student)
- Bess Templeton Cristman Award (junior woman)
- Burt Brown Barker Vice Presidential Cups (men's and women's living organizations)
- Centurion Awards (undergraduate and graduate students)
- Robert and Opal Clark Scholarship (any student)
- Dean's Award for Service (senior)
- Doyle Higdon Memorial Trophy (sophomore student-athlete)
- Ella Travis Edmundson and Mercy Travis Davis Scholarship (sophomore, junior, and senior women)
- Emerald Athletic Award (senior student-athlete)
- Friendship Foundation Awards (international student)
- Frohnmayer Award (fifth-year senior)
- John Moore Scholarship (lesbian, gay, bisexual, and trangender concerns)
- Gerlinger Cup (junior woman)
- Gherty-Moore Nontraditional Student Scholarship
- Golda Parker Wickham Scholarship (any student)
- Graduate Service Awards (master's or doctoral students)
- R. J. Hoyman Scholarship (lesbian, gay, bisexual, and transgender concerns)
- International Student Awards (any student)
- Jackson Athletic Trophy (senior woman athlete)
- Jewel Hairston Bell Award (person of color)
- Jim Buch Award (junior)
- Koyl Cup (junior man)
- Mary Hudzikiewicz Award (freshman)
- Maurice Harold Hunter Leadership Scholarship (junior man from Oregon)
- Mother's Club Scholarships (any student)
- Nontraditional Student Award
- Osher Scholarship (reentry nontraditional students)
- Paul Olum Award (senior)
- Ray Hawk Award (senior)
- School of Music and Dance (music students)
- Theresa Kelly Janes Award (any student)
- Vernon Barkhurst Award (sophomore)
- Wilson Cup (senior)

Fellowships and Scholarships

For information about other fellowships and scholarships, see Student Financial Aid and Scholarships and departmental sections of this catalog.

- Neil D. Blackman Memorial Scholarship(political science award to undergraduate and graduate students studying humanities or

political philosophy relevant to human rights and the responsibilities of individuals to democratic institutions)
- Thomas Condon Fellowship in Paleontology(graduate student of paleontology)
- Eric Englund Scholarship (senior or first-year graduate student in English or history)
- Alice Henson Ernst Scholarship (first-year graduate student in English)
- Barry M. Goldwater Scholarship(sophomore or junior math and science majors)
- Fulbright Grants for Overseas Study (graduate students)
- Fulbright-Hays Dissertation Research Abroad Program (doctoral candidates)
- German Academic Exchange Service Study Grant
- Walter and Nancy Kidd Scholarships (undergraduate students)
- Marshall Scholarship
- Outstanding Graduate Teaching Fellow Award (graduate teaching fellow in geological sciences)
- Rhodes Scholarship
- Rotary International Ambassadorial Scholarship(junior or senior-year undergraduate or graduate)
- Stanley Maveety Scholarship (first-year graduate student in English)
- Lloyd Staples Fellowship (undergraduate and graduate students in geological sciences)
- Truman Scholarship (junior-year undergraduate student)
- James C. Stovall Fellowship Fund (awards to undergraduate students of geological sciences)

Prizes

Several cash prizes are awarded for student essays and other competitions. The Department of Women's and Gender Studies administers the Bruce M. Abrams Award in Lesbian, Gay, Bisexual Studies. The winning undergraduate project, which may be from any discipline, is honored with a $500 prize.

The Department of Mathematics administers the William Lowell Putnam examination, a national competition offering prizes to top finishers.

The George W. Cherry Speech Award is a scholarship given to the best public speaker in the forensics program.

The Department of Philosophy oversees the George Rebec Essay Contest. Two prizes—$100 gift certificates to the Duck Store—are awarded for the best undergraduate and graduate essays on any area of philosophy. Walter and Nancy Kidd Writing Prizes for undergraduate students are administered by the Creative Writing Program.

Students should inquire at their home departments about additional contests or competitions for expository or creative writing or other student projects.

University Teaching and Learning Center

Susan Lesyk, Center Director
541-346-3226
541-346-2184 fax
68 Prince Lucien Campbell Hall

The University Teaching and Learning Center (TLC) offers information, resources, and guidance to students who would like to improve learning and enhance the quality of their course work.

Tutoring

Tutors help clarify and review course material, answer questions, and provide guided study sessions for university courses. Tutoring takes place in three formats:

- **Free drop-in.** Students who want help with writing or mathematics are invited to stop by the free writing or mathematics labs, 9:00 a.m.–4:00 p.m. weekdays.
- **Term-long.** For many language, mathematics, and science courses, students may pay a one-time fee to join a tutoring group that meets twice a week throughout the term. Groups are limited in size to six students.
- **By arrangement.** The center can help students locate qualified tutors for specific courses. In this arrangement, students pay tutors directly.

Courses

Students concerned about their approaches to studying or completing assignments may benefit from a variety of the center's courses, ranging from 1 to 3 credits. A maximum of 12 credits earned in TLC courses may be applied to the total credits required for a bachelor's degree. See the current course schedule for a sample of topics covered in TLC courses.

Individual Appointments

Learning skills specialists are available to meet students on an individual basis to address specific concerns, discuss alternative approaches to studying or completing course work, and introduce center resources that help students reach their educational goals.

Workshops

Each fall, the center's Get Savvy program features free workshops in academic success that are open to the campus community. Additional sessions on such topics as maximizing time or midterm examinations are available throughout the year. In addition, the center offers preparation for standardized exams required for some graduate programs, including the GRE, GMAT, LSAT, and MCAT.

Programs

In addition to services available to all students, the center houses programs that address the needs of specific student populations.

Health Professions Program provides guidance and resources for students interested in pursuing careers in health fields. Advisors help students explore academic and professional interests, plan course work and steps toward future goals, prepare for enriching experiences on and off campus, and apply for admission to graduate and professional schools.

Student Support Services provides free, comprehensive support to qualifying students. This federal grant makes possible financial and personal counseling, academic advising, tutoring, workshops, and assistance securing financial aid and scholarships. Eligibility is based on income level, parents' education, and academic need for services. Students with documented disabilities may also qualify.

McNair Scholars Program prepares qualified juniors and seniors for graduate study leading to PhD degrees. McNair Scholars receive comprehensive support to earn undergraduate degrees, complete

research projects in their fields of study, and apply to graduate schools. Qualifying students must be from low-income circumstances and among the first generation in their families to complete a bachelor's degree or from groups underrepresented in graduate education.

Undergraduate Support Program is a first-year program designed for students who have demonstrated the potential, motivation, and commitment to succeed at the University of Oregon, despite having faced obstacles in high school that affected their academic performance. During this yearlong program, students enroll in classes that fulfill university requirements while building knowledge and skills that allow for successful transitions to university-level courses.

Pathway Oregon is the UO's program that promises to cover four years of tuition and fees for Federal Pell Grant–eligible students from Oregon families while providing a comprehensive program of advising and academic support. Program advisors assist students in making choices that help them achieve their academic, personal, and career goals. Pathway Oregon is offered to eligible students at the time of UO admission.

The Teaching Effectiveness Program

Lee Rumbarger, Director
http://tep.uoregon.edu

The Teaching Effectiveness Program supports faculty members and graduate students by providing workshops, seminars, and individual consultations on a wide range of topics, including developing innovative assignments, interpreting student evaluations, constructing learning objectives, improving classroom dynamics, mentoring students, and integrating technology into the classroom. The program e-newsletter keeps recipients informed about upcoming campus events and shares teaching conversations and innovations in higher education.

Courses

TLC101. Introduction to University Study. 3 Credits.
Helps students learn, adapt, and apply effective study skills, including strategies for time management, note taking, critical reading, writing, and test preparation.

TLC199. Special Studies: [Topic]. 1-5 Credits.
Addresses specific topics such as time management, reading, writing, testing, presentation skills, and math strategies. Repeatable twice per topic for maximum of 6 credits.

TLC399. Special Studies: [Topic]. 1-5 Credits.
Repeatable. Topics include grammar and style, research skills, critical thinking, communication, and speed reading.

TLC408. Workshop: [Topic]. 1-4 Credits.
Repeatable.

TLC409. Practicum: [Topic]. 1-4 Credits.
Repeatable for maximum of 6 credits.

TLC508. Workshop. 1-4 Credits.

TLC608. Workshop: [Topic]. 1-4 Credits.
Repeatable.

TLC609. Practicum: [Topic]. 1-4 Credits.
Repeatable for maximum of 6 credits.

Supplementary Academic Programming

The college experience may not be limited to what is learned solely on the university campus. Academic Extention offers options for those returning to higher education after a period away, those interested in noncredit educational opportunities, or those who seek degree credit outside the classroom. Overseas study opportunities are available through the Office of International Affairs for those who want to expand their intellectual and cultural horizons and to broaden their perspective of the world. For those who want to pursue a career in the military, the Department of Military Science provides opportunities to study leadership principles, military organization and history, and the place of the armed forces in serving the goals of national policy.

Academic Extension

Sandra Gladney, Executive Director
541-346-4231
800-824-2714
Baker Downtown Center
975 High St., Suite 110
1277 University of Oregon
Eugene, Oregon 97403-1277

Academic Extension at the University of Oregon provides exceptional credit and noncredit educational opportunities to people seeking university-level instruction and enrichment beyond the traditional campus experience. Activities include for-credit and noncredit lectures, conferences, seminars, workshops, and formal courses with opportunities to earn a variety of credentials, from nondegree certificates of completion to a graduate degree.

Academic Programs

Applied Information Management (AIM) Master's Degree

aim.uoregon.edu

This interdisciplinary master of science degree is designed to engage midcareer professionals in relevant studies in information management, information design, business management, and applied research. Course work is fully online. See the **Graduate Studies** section of this catalog for a complete program description.

Community Education

cep.uoregon.edu

An important dimension of the University of Oregon's responsibility to continuing education is the Community Education Program, which makes university courses available to people who are not formally admitted to the university.

Community education students may register for a maximum of 8 credits per academic term at reduced fees. Credits earned through the Community Education Program are listed on a student's permanent UO academic record.

Distance Education

de.uoregon.edu

Distance Education's online format provides both admitted and community education students the flexibility of completing course work outside the traditional classroom setting. Courses follow the academic term schedule. Delivery format and assessment methods vary by course but all require frequent access to e-mail and the Internet. Some courses have examinations that are administered by the Social Science Instructional Laboratories.

Professional Development for Educators

pde.uoregon.edu

Professional Development for Educators partners with academic departments within the UO to offer courses, workshops, and conferences that grant graduate credit or professional development units for in-service teachers. Workshops meet licensure requirements for K–12 educators and fulfill new professional development and continuing education initiatives.

Substance Abuse Prevention Program

sapp.uoregon.edu

The Substance Abuse Prevention Program (SAPP) is an academic training program that provides course work in the areas of alcohol and other drug prevention, intervention, treatment, and recovery, as well as related topics. See the **Counseling Psychology and Human Services** section of this catalog for a complete program description.

Summer Session

uosummer.uoregon.edu

Enrollment during summer session does not require formal admission to the university. Summer courses carry university credit and begin throughout the summer. Most academic departments, schools, and colleges at the university offer courses in summer. Enrollment in summer is about 40 percent of academic year enrollment, which results in smaller classes. Detailed information about summer courses, fees, and registration is available on the summer session website in early March. The 12-week 2016 summer session lasts from June 20 to September 9.

Financial Aid

The university can assist students with loans, grants, and part-time work during the summer. Financial aid is available only for students who are admitted to the university and enrolled in a program leading to a degree. A student must be in good academic standing to receive financial aid. Additional information and application forms are available on the UO financial aid website.

Housing

Single- and multiple-occupancy rooms in university residence halls are available in summer. Student family housing is limited because year-round students occupy most units during the summer. Rental houses, apartments, and various short-term rentals are available near the campus.

Sustainability Leadership Program

sustain.uoregon.edu

This program offers a series of workshops onsustainability practices, designed toprovide theoretical foundations and practical tools to produce sustainableeconomic, social, and environmental outcomes for both public and privatesectors.A certificate of completion option is available. Academic credit from the School of Architecture and Allied Arts is available for most sessions.

Lifelong Learning

Osher Lifelong Learning Institute

osher.uoregon.edu

This noncredit, self-support program was originally established in 1993 as Learning in Retirement. Designed to meet the educational interests of mature adults, the Osher Lifelong Learning Institute at the University of Oregon offers programming at Eugene-Springfield and central Oregon program sites. The curriculum explores the humanities, the sciences, current affairs, and the arts, through a varied schedule of lectures, short courses, study and discussion groups, and other activities. An annual fee covers participation in the majority of program offerings. Previous attendance or association with the University of Oregon is not required for membership.

Road Scholar Program

academicextension.uoregon.edu/roadscholar

Road Scholar is the new name for programs offered by Elderhostel Inc., the nonprofit world leader in educational travel for lifelong learners. Working in cooperation with the Oregon Bach Festival and Cinema Pacific, Academic Extension offers weeklong Road Scholar sessions in conjunction with these UO-based festivals. The Road Scholar Program offers in-depth and behind-the-scenes learning experiences that blend festival events with lectures, lecture demonstrations, and exclusive events led by guest artists and University of Oregon faculty members.

Other Services

academicextension.uoregon.edu/services

Customized Training

Courses can be designed to meet the needs of a particular group or organization at the local, regional, or national level, for business, industry, public utilities, and education.

Conferences and Special Programs

Administrative support is provided for a variety of conferences and noncredit workshops, including events offered by academic departments and individual faculty members developing activities for UO students and community members, academic societies, association regional meetings, and nonacademic community-interest programs.

Military Science

Lance E. Englet, Department Head
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800-542-3945
541-346-2813 fax
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1297 University of Oregon
Eugene, Oregon 97403-1297
goldbar@uoregon.edu

The Department of Military Science, an instructional department that reports to the senior vice president and provost, offers four years of military science courses, lower and upper division. The 300- and 400-level courses are open to contracted Reserve Officer Training Corps (ROTC) cadets pursuing commissions as officers in the United States Army. The 100- and 200-level courses are open to interested students.

Curriculum

The curriculum is an interdisciplinary course of study designed to meet the following objectives:

1. Provide opportunities to learn and practice leadership styles, dimensions, and techniques
2. Provide an understanding of the historical role of the army and how that role supports the goals and objectives of national policy
3. Develop and improve communication skills using practical oral and written exercises
4. Develop an understanding of the professional military ethic
5. Provide general knowledge of the structure of the army, its organization, and how its various components work together
6. Provide an understanding of American military history and the leadership principles that cause military leaders to succeed or fail

Lower Division

Lower-division (100- and 200-level) courses are offered for 1 or 2 credits each. The 100-level courses are offered to freshmen; the 200-level courses are offered to sophomores and upperclassmen. These courses provide the basic framework of knowledge and emphasize basic military terms, leadership, organization, and military history.

Upper Division

Upper-division (300- and 400-level) courses primarily are offered for 4 credits each. These courses are offered only to contracted cadets, or those in the process of contracting, who have satisfactorily completed the two three-course sequences Military Science I (MIL121–123) and Military Science II (MIL221–223). They provide the advanced leadership, decision-making, communication, ethics, and tactical education to prepare the student to become a commissioned officer in the U.S. Army.

Extracurricular Activities

The department supports a variety of events including ranger challenge (a club sport), Marauders (an elective course), football, basketball, softball, and color guard.

About ROTC

The US Army supports ROTC programs at colleges and universities throughout the country. Students who take military science courses may also participate, by contractual arrangement with the Department of the Army, in the process that leads to a commission. Each cadet must take, in addition to military science courses, a course in military history and in written communication. Most of these courses count toward general-education group requirements for a bachelor's degree.

The US Army sponsors two-, three-, and four-year federal scholarships, awarded competitively by the Army to students who seek a commission. It is possible for undergraduate students to obtain a commission through either a two-, three-, or four-year program of instruction. Graduate students who meet age requirements and have two academic years remaining at the UO may also pursue a commission through ROTC.

Students interested in pursuing a commission, a scholarship, or both should contact the department.

Courses

MIL121. Military Science I. 2 Credits.
Constitutional beginnings, organization, and role of today's army; physical fitness; introduction to equipment and small-unit operations.

MIL122. Military Science I. 2 Credits.
Operational and survival skills, topographic map reading and land navigation, first-aid, small-unit tactics, and practical exercises with Army weapons and equipment.

MIL123. Military Science I. 2 Credits.
Characteristics and methods of successful leadership--building trust, understanding, cooperation, and communication; responsibilities of leadership including personal motivation and ethics.

MIL131. Physical Training. 1 Credit.
Participatory physical training program that follows the U.S. Army's physical fitness program. Prepares students for the rigors of military activities through a systematic physical conditioning process.

MIL141. Ranger Challenge. 3 Credits.
Course training focuses on basic infantry individual and team skills. Course culminates in squad-sized teams competing against other schools in the region.

MIL191. Leadership Laboratory. 1 Credit.
Repeatable. Laboratory for practical experience. Assesses cadet leadership potential, communication, problem-solving, and decision-making skills. One field-training exercise a term. Repeatable five times for maximum of 6 credits.

MIL199. Special Studies: [Topic]. 1-5 Credits.
Repeatable. A current topic is Physical Fitness Training. Repeatable six times for maximum of 6 credits.

MIL221. Military Science II. 2 Credits.
Basic leadership and technical military skills--map reading, first aid, and communication skills. Focus is individual abilities and building effective teams.

MIL222. Military Science II. 2 Credits.
Purpose, roles, and obligations of commissioned officers; organizational values and their application to the decision-making process; military tactics in small-unit operations.

MIL223. Military Science II. 2 Credits.
Self and team development in Army operations; comprehension and use of the five-paragraph Operations Order; tactics; land navigation.

MIL321. Military Science III. 4 Credits.
Teaches the sixteen leadership dimensions and application to infantry tactics, operation orders, and orienteering. Lectures, laboratory, field training exercises.
Prereq or coreq: MIL 223

MIL322. Military Science III. 4 Credits.
Strengthens individual abilities with experience in marksmanship, drill, and tactics. Lectures, laboratory, field training exercises.
Prereq: MIL 223

MIL323. Military Science III. 4 Credits.
Evaluates leadership abilities in tactical and nontactical settings. Lectures, laboratory, field training exercises.
Prereq: MIL 223

MIL331. Physical Training. 1 Credit.
Emphasizes physical fitness and overall good health. Focus is on the intensity, duration, and frequency of fitness training, resulting in improved health and physical fitness.

MIL405. Reading and Conference: [Topic]. 1-3 Credits.
Repeatable.

MIL410. Experimental Course: [Topic]. 1-4 Credits.
Repeatable.

MIL421. Military Science IV. 4 Credits.
Planning, evaluating, and conducting unit training and practical exercises. Lectures, laboratory, and field training exercises.
Prereq: MIL 323

MIL422. Military Science IV. 4 Credits.
Study of judicial and nonjudicial proceedings and administrative actions available to commanders. Lectures, laboratory, and field training exercises.
Prereq: MIL 323.

MIL423. Military Science IV. 4 Credits.
Duties and responsibilities of a lieutenant; ethical decision making, counseling subordinates, evaluation reports, transition to active duty. Lectures, laboratory, and field training exercises.
Prereq: MIL 323

Study Abroad

Office of International Affairs

Dennis Galvan, Vice Provost for International Affairs
541-346-5851
333 Oregon Hall

The Office of International Affairs manages study-abroad and overseas internship opportunities, welcomes and supports international students and scholars, and coordinates the wide range of international projects and transnational partnerships launched and maintained in many university academic units.The university enrolls more than 2,500 international students from nearly eighty countries, and sponsors 190 study-abroad programs in ninety countries. More than 1,200 UO students participate in study or internships overseas each year.Through AHA International, the office also provides study-abroad services at eighteen global locations to students from nearly two dozen partner universities in the Pacific Northwest and the Midwest.

Global Studies Institute

Sheila Bong, Program Director
541-346-1586
333 Oregon Hall
gsi.uoregon.edu

The Global Studies Institute supports internationally oriented research centers, programs, and initiatives to enhance faculty research, enrich the student experience, and promote the University of Oregon’s academic excellence at home and with partners around the world. It hosts and supports eight of the university's key international projects and initiatives (listed below) and serves as a coordinator and promoter of the full range of international programs, projects, and initiatives on campus. In partnership with schools and colleges, the institute encourages interdisciplinary and cross-regional research, curriculum development, and community outreach, and pursues a program of fundraising and

grant writing to sustain global projects with the greatest impact on student success and faculty recruitment and retention.

Constituent units and programs of the Global Studies Institute include the following:

- Center for Asian and Pacific Studies, caps.uoregon.edu
- Center for Applied Second-Language Studies, casls.uoregon.edu
- Gabon-Oregon Transnational Research Center on Environment and Development, goc.uoregon.edu
- Global Oregon Initiative, global.uoregon.edu
- Institute for Intercultural Dialogue and Conflict-Sensitive Reporting, unesco.uoregon.edu
- Carlton and Wilberta Ripley Savage Endowment for International Relations and Peace
- University of Oregon Confucius Institute for Global China Studies, confucius.uoregon.edu
- Statewide Area Studies Consortia (Oregon East Asia Network and Oregon African Studies Consortium)

Study Abroad Programs

Stephen Wooten, Director; **Associate Vice Provost for International Affairs**
541-346-3207
330 Oregon Hall

Students can study, conduct research, or hold internships abroad by participating in exchange, internship, or study-abroad programs. More complete information about each program is available online at studyabroad.uoregon.edu.

New Programs

The Study Abroad Programs Committee reviews UO-sponsored study-abroad programs and approves new program proposals. Information about recent developments is available from the Office of International Affairs.

Internships

University of Oregon students may earn academic credit while they gain career-related work experience abroad. The IE_3 Global Internships program is open to juniors, seniors, and master's degree students who are currently enrolled in a UO degree program. Financial aid, including scholarships, is available. In addition, certain other study-abroad programs (for example, the AHA London programs) allow students to combine part-time internships and part-time study in the same term abroad.

Grants and Scholarships

Because students are registered at the University of Oregon while participating in study-abroad programs, they are eligible to receive most or all of their UO-awarded financial aid. In addition, numerous scholarships are available for both undergraduate and graduate students planning to study or intern abroad.

Distinguished international scholarships are also available to qualified graduating seniors and graduate students for research, university study, and international teaching. Fulbright grant applications must be submitted to the Fulbright Program advisor in early fall. The Office of International Affairs offers scholarship and grant advising for students.

Study-Abroad Courses

Refer to the course list under the **Courses** tab at the top of this page. The subject code of each course is unique to a single study-abroad program. As in other UO courses, course level is indicated by the first digit in the course number:

- 1 = freshman
- 2 = sophomore
- 3 = junior
- 4 = senior
- 6 = graduate

Participating students are registered in courses with the subject codes, numbers, titles, and credit ranges shown. After UO course equivalents are determined, the generic study-abroad information is replaced with appropriate course-level designations, titles, and credits. For example, a junior-level 5-credit course in the history of 19th-century Australia that was taken at La Trobe University appears on the student's permanent UO academic record as **OLAT 388 HIST: Australia in the 19th Century 5 [credits]**.

AHA International

Kathy Poole, Executive Director
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800-654-2051
1585 E. 13th Ave,. Suite 333
Eugene, Oregon 97403
kpoole@uoregon.edu
askAHA@uoregon.edu

AHA International, an academic program of the university and a division of the Office of International Affairs, operates study-abroad programs in Africa, Western Europe, Latin America, and Oceania. AHA serves students from universities and university consortia across the United States. More than 50,000 students have benefited from AHA International's programs since 1957, enhancing intercultural competency and academic experience. Complete program and application information is available online.

Courses

OBRT188. Overseas Studies: London. 1-21 Credits.
Repeatable.

OBRT388. Overseas Studies: London. 1-12 Credits.
Repeatable.

OBRT488. Overseas Studies: London. 1-12 Credits.
Repeatable.

OBRT688. Overseas Studies: London. 1-12 Credits.
Repeatable.

Courses

OLON188. Overseas Studies: London, NCSA Program. 1-21 Credits.
Repeatable.

OLON288. Overseas Studies: London, NCSA Program. 1-12 Credits.
Repeatable.

OLON388. Overseas Studies: London, NCSA Program. 1-12 Credits.
Repeatable.

OLON488. Overseas Studies: London, NCSA Program. 1-12 Credits.
Repeatable.

Courses

OMCT188. OS: Macerata, Italy - AHA. 1-21 Credits.
Repeatable. (Inactive Fall 2014)

OMCT288. OS: Macerata, Italy - AHA. 1-12 Credits.
Repeatable. (Inactive Fall 2014)

OMCT388. OS: Macerata, Italy - AHA. 1-12 Credits.
Repeatable. (Inactive Fall 2014)

OMCT488. OS: Macerata, Italy - AHA. 1-12 Credits.
Repeatable. (Inactive Fall 2014)

Courses

OMOR188. OS: Morelia, Mexico - AHA. 1-12 Credits.
Repeatable. (Inactive Fall 2014)

OMOR288. OS: Morelia, Mexico - AHA. 1-12 Credits.
Repeatable. (Inactive Fall 2014)

OMOR388. OS: Morelia, Mexico - AHA. 1-12 Credits.
Repeatable. (Inactive Fall 2014)

OMOR488. OS: Morelia, Mexico - AHA. 1-12 Credits.
Repeatable. (Inactive Fall 2014)

Courses

ONTU188. OS: National Taiwan University. 1-21 Credits.
Repeatable.

ONTU288. OS: National Taiwan University. 1-12 Credits.
Repeatable.

ONTU388. OS: National Taiwan University. 1-12 Credits.
Repeatable.

ONTU488. OS: National Taiwan University. 1-12 Credits.
Repeatable.

ONTU688. OS: National Taiwan University. 1-12 Credits.
Repeatable.

Courses

ONUS188. OS: National University of Singapore. 1-21 Credits.
Repeatable.

ONUS288. OS: National University of Singapore. 1-12 Credits.
Repeatable.

ONUS388. OS: National University of Singapore. 1-12 Credits.
Repeatable.

ONUS488. OS: National University of Singapore. 1-12 Credits.
Repeatable.

ONUS688. OS: National University of Singapore. 1-12 Credits.
Repeatable.

Courses

OUEA188. Overseas Studies: Norwich, University of East Anglia. 1-21 Credits.
Repeatable.

OUEA288. Overseas Studies: Norwich, University of East Anglia. 1-12 Credits.
Repeatable.

OUEA388. Overseas Studies: Norwich, University of East Anglia. 1-12 Credits.
Repeatable.

OUEA488. Overseas Studies: Norwich, University of East Anglia. 1-12 Credits.
Repeatable.

OUEA688. Overseas Studies: Norwich, University of East Anglia. 1-12 Credits.
Repeatable.

Courses

OXAF188. Overseas Experimental Program: Africa. 1-21 Credits.
Repeatable.

OXAF288. Overseas Experimental Program: Africa. 1-12 Credits.
Repeatable.

OXAF388. Overseas Experimental Program: Africa. 1-12 Credits.
Repeatable.

OXAF488. Overseas Experimental Program: Africa. 1-12 Credits.
Repeatable.

OXAF588. Overseas Experimental Program: Africa. 1-12 Credits.
Repeatable.

OXAF688. Overseas Experimental Program: Africa. 1-12 Credits.
Repeatable.

Courses

OXAO188. Overseas Experimental Program: Asia and Oceania. 1-21 Credits.
Repeatable.

OXAO288. Overseas Experimental Program: Asia and Oceania. 1-21 Credits.
Repeatable.

OXAO388. Overseas Experimental Program: Asia and Oceania. 1-16 Credits.
Repeatable.

OXAO488. Overseas Experimental Program: Asia and Oceania. 1-21 Credits.
Repeatable.

OXAO588. Overseas Experimental Program: Asia and Oceania. 1-12 Credits.
Repeatable.

OXAO688. Overseas Experimental Program: Asia and Oceania. 1-18 Credits.
Repeatable.

Courses

OXEU188. Overseas Experimental Program: Europe. 1-21 Credits.
Repeatable.

OXEU288. Overseas Experimental Program: Europe. 1-12 Credits.
Repeatable.

OXEU388. Overseas Experimental Program: Europe. 1-16 Credits.
Repeatable.

OXEU488. Overseas Experimental Program: Europe. 1-12 Credits.
Repeatable.

OXEU588. Overseas Experimental Program: Europe. 1-12 Credits.
Repeatable.

OXEU688. Overseas Experimental Program: Europe. 1-18 Credits.
Repeatable.

Courses

OINT488. Overseas Study: Internships. 1-13 Credits.
Repeatable.

OINT588. Overseas Study: Internships. 1-13 Credits.
Repeatable.

OINT688. Overseas Study: Internships. 1-18 Credits.
Repeatable.

Courses

OXLA188. Overseas Experimental Program: Latin America. 1-21 Credits.
Repeatable.

OXLA288. Overseas Experimental Program: Latin America. 1-12 Credits.
Repeatable.

OXLA388. Overseas Experimental Program: Latin America. 1-12 Credits.
Repeatable.

OXLA488. Overseas Experimental Program: Latin America. 1-12 Credits.
Repeatable.

OXLA588. Overseas Experimental Program: Latin America. 1-12 Credits.
Repeatable.

OXLA688. Overseas Experimental Program: Latin America. 1-18 Credits.
Repeatable.

Courses

OXME188. Overseas Experimental Program: Middle East. 1-12 Credits.
Repeatable.

OXME288. Overseas Experimental Program: Middle East. 1-12 Credits.
Repeatable.

OXME388. Overseas Experimental Program: Middle East. 1-12 Credits.
Repeatable.

OXME488. Overseas Experimental Program: Middle East. 1-12 Credits.
Repeatable.

OXME688. Overseas Experimental Program: Middle East. 1-12 Credits.
Repeatable.

Courses

OSTP188. Overseas Studies: Russia (CIEE). 1-21 Credits.
Repeatable. (Inactive Fall 2014)

OSTP288. Overseas Studies: Russia (CIEE). 1-12 Credits.
Repeatable. (Inactive Fall 2014)

OSTP388. Overseas Studies: Russia (CIEE). 1-12 Credits.
Repeatable. (Inactive Fall 2014)

OSTP488. Overseas Studies: Russia (CIEE). 1-12 Credits.
Repeatable. (Inactive Fall 2014)

Courses

OOVI188. OS: Oviedo, Spain - AHA. 1-21 Credits.
Repeatable.

OOVI288. OS: Oviedo, Spain - AHA. 1-12 Credits.
Repeatable.

OOVI388. OS: Oviedo, Spain - AHA. 1-12 Credits.
Repeatable.

OOVI488. OS: Oviedo, Spain - AHA. 1-16 Credits.
Repeatable.

Courses

OPDG188. OS: Paderno del Grappa, Italy - CIMBA. 1-21 Credits.
Repeatable. (Inactive Fall 2014)

OPDG288. OS: Paderno del Grappa, Italy - CIMBA. 1-12 Credits.
Repeatable. (Inactive Fall 2014)

OPDG388. OS: Paderno del Grappa, Italy - CIMBA. 1-12 Credits.
Repeatable. (Inactive Fall 2014)

OPDG488. OS: Paderno del Grappa, Italy - CIMBA. 1-12 Credits.
Repeatable. (Inactive Fall 2014)

Courses

OPAV188. Overseas Studies: Pavia, University of Pavia. 1-21 Credits.
Repeatable.

OPAV288. Overseas Studies: Pavia, University of Pavia. 1-12 Credits.
Repeatable.

OPAV388. Overseas Studies: Pavia, University of Pavia. 1-12 Credits.
Repeatable.

OPAV488. Overseas Studies: Pavia, University of Pavia. 1-12 Credits.
Repeatable.

OPAV688. Overseas Studies: Pavia, University of Pavia. 1-12 Credits.
Repeatable.

Courses

OQUE188. Overseas Studies: Queretaro, Summer Study in Mexico. 1-24 Credits.
Repeatable.

OQUE288. Overseas Studies: Queretaro, Summer Study in Mexico. 1-12 Credits.
Repeatable.

OQUE388. Overseas Studies: Queretaro, Summer Study in Mexico. 1-12 Credits.
Repeatable.

OQUE488. Overseas Studies: Queretaro, Summer Study in Mexico. 1-12 Credits.
Repeatable.

OQUE688. Overseas Studies: Queretaro, Summer Study in Mexico. 1-12 Credits.
Repeatable.

Courses

OQUI188. Overseas Studies: Quito, Catholic University of Ecuador. 1-21 Credits.
Repeatable.

OQUI288. Overseas Studies: Quito, Catholic University of Ecuador. 1-12 Credits.
Repeatable.

OQUI388. Overseas Studies: Quito, Catholic University of Ecuador. 1-12 Credits.
Repeatable.

OQUI488. Overseas Studies: Quito, Catholic University of Ecuador. 1-12 Credits.
Repeatable.

Courses

OROM188. Overseas Studies: Rome, Summer Architecture Studio. 1-21 Credits.
Repeatable.

OROM488. Overseas Studies: Rome, Summer Architecture Studio. 1-12 Credits.
Repeatable.

OROM588. Overseas Studies: Rome, Summer Architecture Studio. 1-12 Credits.
Repeatable.

OROM688. Overseas Studies: Rome, Summer Architecture Studio. 1-18 Credits.
Repeatable.

Courses

OROS188. OS: Rosario, Argentina - AHA. 1-21 Credits.
Repeatable.

OROS288. OS: Rosario, Argentina - AHA. 1-12 Credits.
Repeatable.

OROS388. OS: Rosario, Argentina - AHA. 1-12 Credits.
Repeatable.

OROS488. OS: Rosario, Argentina - AHA. 1-12 Credits.
Repeatable.

Courses

OSIT188. OS: School for International Training. 1-21 Credits.
Repeatable.

OSIT288. OS: School for International Training. 1-12 Credits.
Repeatable.

OSIT388. OS: School for International Training. 1-12 Credits.
Repeatable.

OSIT488. OS: School for International Training. 1-12 Credits.
Repeatable.

Courses

OSEG188. OS: Segovia, Spain - AHA. 1-21 Credits.
Repeatable.

OSEG288. OS: Segovia, Spain - AHA. 1-12 Credits.
Repeatable.

OSEG388. OS: Segovia, Spain - AHA. 1-12 Credits.
Repeatable.

OSEG488. OS: Segovia, Spain - AHA. 1-12 Credits.
Repeatable.

Courses

OSAS188. OS: Semester at Sea. 1-21 Credits.
Repeatable.

OSAS288. OS: Semester at Sea. 1-12 Credits.
Repeatable.

OSAS388. OS: Semester at Sea. 1-12 Credits.
Repeatable.

OSAS488. OS: Semester at Sea. 1-12 Credits.
Repeatable.

Courses

OSSP188. OS: Senegal Summer Program, Dakar, Senegal. 1-12 Credits.
Repeatable.

OSSP288. OS: Senegal Summer Program, Dakar, Senegal. 1-12 Credits.
Repeatable.

OSSP388. OS: Senegal Summer Program, Dakar, Senegal. 1-12 Credits.
Repeatable.

OSSP488. OS: Senegal Summer Program, Dakar, Senegal. 1-12 Credits.
Repeatable.

OSSP688. OS: Senegal Summer Program, Dakar, Senegal. 1-12 Credits.
Repeatable.

Courses

OSEN188. Overseas Studies: Tokyo, Senshu University. 1-21 Credits.
Repeatable.

OSEN288. Overseas Studies: Tokyo, Senshu University. 1-12 Credits.
Repeatable.

OSEN388. Overseas Studies: Tokyo, Senshu University. 1-12 Credits.
Repeatable.

OSEN488. Overseas Studies: Tokyo, Senshu University. 1-12 Credits.
Repeatable.

Courses

OYON188. Overseas Studies: Seoul, Yonsei University. 1-21 Credits.
Repeatable.

OYON288. Overseas Studies: Seoul, Yonsei University. 1-12 Credits.
Repeatable.

OYON388. Overseas Studies: Seoul, Yonsei University. 1-12 Credits.
Repeatable.

OYON488. Overseas Studies: Seoul, Yonsei University. 1-12 Credits.
Repeatable.

OYON688. Overseas Studies: Seoul, Yonsei University. 1-12 Credits.
Repeatable.

Courses

OSIE188. Overseas Studies: Siena, NCSA Program. 1-21 Credits.
Repeatable.

OSIE288. Overseas Studies: Siena, NCSA Program. 1-12 Credits.
Repeatable.

OSIE388. Overseas Studies: Siena, NCSA Program. 1-12 Credits.
Repeatable.

OSIE488. Overseas Studies: Siena, NCSA Program. 1-12 Credits.
Repeatable.

Courses

OTAM188. Overseas Studies: Tampere, University of Tampere. 1-21 Credits.
Repeatable.

OTAM288. Overseas Studies: Tampere, University of Tampere. 1-12 Credits.
Repeatable.

OTAM388. Overseas Studies: Tampere, University of Tampere. 1-12 Credits.
Repeatable.

OTAM488. Overseas Studies: Tampere, University of Tampere. 1-12 Credits.
Repeatable.

OTAM688. Overseas Studies: Tampere, University of Tampere. 1-12 Credits.
Repeatable.

Courses

OMEI188. Overseas Studies: Tokyo, Meiji University. 1-21 Credits.
Repeatable.

OMEI288. Overseas Studies: Tokyo, Meiji University. 1-12 Credits.
Repeatable.

OMEI388. Overseas Studies: Tokyo, Meiji University. 1-12 Credits.
Repeatable.

OMEI488. Overseas Studies: Tokyo, Meiji University. 1-12 Credits.
Repeatable.

OMEI688. Overseas Studies: Tokyo, Meiji University. 1-12 Credits.
Repeatable.

Courses

OWAS188. Overseas Studies: Tokyo, Waseda University. 1-21 Credits.
Repeatable.

OWAS288. Overseas Studies: Tokyo, Waseda University. 1-12 Credits.
Repeatable.

OWAS388. Overseas Studies: Tokyo, Waseda University. 1-12 Credits.
Repeatable.

OWAS488. Overseas Studies: Tokyo, Waseda University. 1-12 Credits.
Repeatable.

Courses

OADE688. Overseas Studies: Adelaide, University of Adelaide. 9-16 Credits.
Repeatable. (Inactive Fall 2014)

Courses

OLEG188. Overseas Studies: Legon, University of Ghana. 1-21 Credits.
Repeatable.

OLEG288. Overseas Studies: Legon, University of Ghana. 1-12 Credits.
Repeatable.

OLEG388. Overseas Studies: Legon, University of Ghana. 1-12 Credits.
Repeatable.

OLEG488. Overseas Studies: Legon, University of Ghana. 1-12 Credits.
Repeatable.

Courses

OUOT188. OS: University of Otago, Dunedin, New Zealand. 1-21 Credits.
Repeatable.

OUOT288. OS: University of Otago, Dunedin, New Zealand. 1-12 Credits.
Repeatable.

OUOT388. OS: University of Otago, Dunedin, New Zealand. 1-12 Credits.
Repeatable.

OUOT488. OS: University of Otago, Dunedin, New Zealand. 1-12 Credits.
Repeatable.

OUOT688. OS: University of Otago, Dunedin, New Zealand. 1-12 Credits.
Repeatable.

Courses

OSVL188. Overseas Studies: Seville, University of Seville (CIEE). 1-21 Credits.
Repeatable. (Inactive Fall 2014)

OSVL288. Overseas Studies: Seville, University of Seville (CIEE). 1-12 Credits.
Repeatable. (Inactive Fall 2014)

OSVL388. Overseas Studies: Seville, University of Seville (CIEE). 1-12 Credits.
Repeatable. (Inactive Fall 2014)

OSVL488. Overseas Studies: Seville, University of Seville (CIEE). 1-12 Credits.
Repeatable. (Inactive Fall 2014)

Courses

OLYO188. Overseas Studies: Lyon, Universities in Lyon (I,II,III and Catholic Faculties). 1-21 Credits.
Repeatable.

OLYO288. Overseas Studies: Lyon, Universities in Lyon (I,II,III and Catholic Faculties). 1-12 Credits.
Repeatable.

OLYO388. Overseas Studies: Lyon, Universities in Lyon (I,II,III and Catholic Faculties). 1-12 Credits.
Repeatable.

OLYO488. Overseas Studies: Lyon, Universities in Lyon (I,II,III and Catholic Faculties). 1-12 Credits.
Repeatable.

OLYO688. Overseas Studies: Lyon, Universities in Lyon (I,II,III and Catholic Faculties). 1-12 Credits.
Repeatable.

Courses

OUAB188. Overseas Studies: Aberdeen, University of Aberdeen. 1-21 Credits.
Repeatable.

OUAB288. Overseas Studies: Aberdeen, University of Aberdeen. 1-12 Credits.
Repeatable.

OUAB388. Overseas Studies: Aberdeen, University of Aberdeen. 1-12 Credits.
Repeatable.

OUAB488. Overseas Studies: Aberdeen, University of Aberdeen. 1-12 Credits.
Repeatable.

OUAB688. Overseas Studies: Aberdeen, University of Aberdeen. 1-12 Credits.
Repeatable.

Courses

OBER188. Overseas Studies: Bergen, University of Bergen. 1-12 Credits.
Repeatable.

OBER288. Overseas Studies: Bergen, University of Bergen. 1-12 Credits.
Repeatable.

OBER388. Overseas Studies: Bergen, University of Bergen. 1-12 Credits.
Repeatable.

OBER488. Overseas Studies: Bergen, University of Bergen. 1-12 Credits.
Repeatable.

OBER688. Overseas Studies: Bergen, University of Bergen. 1-12 Credits.
Repeatable.

Courses

OMAC488. OS: Glasgow. 1-12 Credits.

Courses

OHKU188. OS: University of Hong Kong. 1-21 Credits.
Repeatable.

OHKU288. OS: University of Hong Kong. 1-12 Credits.
Repeatable.

OHKU388. OS: University of Hong Kong. 1-12 Credits.
Repeatable.

OHKU488. OS: University of Hong Kong. 1-12 Credits.
Repeatable.

OHKU688. OS: University of Hong Kong. 1-12 Credits.
Repeatable.

Courses

OSLO188. OS: University of Oslo, Norway. 1-21 Credits.
Repeatable.

OSLO288. OS: University of Oslo, Norway. 1-12 Credits.
Repeatable.

OSLO388. OS: University of Oslo, Norway. 1-12 Credits.
Repeatable.

OSLO488. OS: University of Oslo, Norway. 1-12 Credits.
Repeatable.

OSLO688. OS: University of Oslo, Norway. 1-12 Credits.
Repeatable.

Courses

OPOI188. Overseas Studies: Poitiers, University of Poitiers. 1-21 Credits.
Repeatable.

OPOI288. Overseas Studies: Poitiers, University of Poitiers. 1-12 Credits.
Repeatable.

OPOI388. Overseas Studies: Poitiers, University of Poitiers. 1-12 Credits.
Repeatable.

OPOI488. Overseas Studies: Poitiers, University of Poitiers. 1-12 Credits.
Repeatable.

OPOI688. Overseas Studies: Poitiers, University of Poitiers. 1-12 Credits.
Repeatable.

Courses

OUPP188. Overseas Studies: Uppsala, Uppsala University. 1-21 Credits.
Repeatable.

OUPP288. Overseas Studies: Uppsala, Uppsala University. 1-12 Credits.
Repeatable.

OUPP388. Overseas Studies: Uppsala, Uppsala University. 1-12 Credits.
Repeatable.

OUPP488. Overseas Studies: Uppsala, Uppsala University. 1-12 Credits.
Repeatable.

OUPP688. Overseas Studies: Uppsala, Uppsala University. 1-12 Credits.
Repeatable.

Courses

OVAL188. OS: Valdivia, Chile – CWU. 1-12 Credits.
Repeatable. (Inactive Fall 2014)

OVAL288. OS: Valdivia, Chile – CWU. 1-12 Credits.
Repeatable. (Inactive Fall 2014)

OVAL388. OS: Valdivia, Chile – CWU. 1-12 Credits.
Repeatable. (Inactive Fall 2014)

OVAL488. OS: Valdivia, Chile – CWU. 1-12 Credits.
Repeatable. (Inactive Fall 2014)

Courses

OVIE188. Overseas Studies: Vienna, NCSA Program. 1-21 Credits.
Repeatable.

OVIE288. Overseas Studies: Vienna, NCSA Program. 1-12 Credits.
Repeatable.

OVIE388. Overseas Studies: Vienna, NCSA Program. 1-12 Credits.
Repeatable.

OVIE488. Overseas Studies: Vienna, NCSA Program. 1-16 Credits.
Repeatable.

Academic Resources

To help students succeed innavigating the rigors of competitive higher education, the University of Oregon offers an array of support programs and resources for dedicated scholars in their quest for academic excellence.

Information Services

Melissa Woo, Vice Provost for Information Services and Chief Information Officer
541-346-1702
541-346-4397 fax
257 Computing Center
1212 University of Oregon
Eugene, Oregon 97403-1212
cio@uoregon.edu
http://is.uoregon.edu

Information Services provides a variety of campuswide services:

- E-mail accounts and passwords
- Wireless and wired networking
- Calendaring
- Telephones and voicemail
- Cable TV
- Technology service desk, a help desk for questions about accounts, software, wireless, and more

Information Services also operates the administrative software for finance, student records, human resources management, and payroll, as well as the servers and storage that run all of these services.

Technology Service Desk

541-346-HELP (346-4357)
151 McKenzie Hall
1212 University of Oregon
Eugene, Oregon 97403-1212
techdesk@uoregon.edu
https://it.uoregon.edu/is-tech-desk-services
Hours: Monday–Friday, 8:00 a.m.–5:00 p.m.

The Information Services technology service desk (tech desk) supports and aids university-affiliated students and members of the faculty and staff with their computing needs. Tech desk services include the following:

- Software troubleshooting
- Account support
- First-level Ethernet and wireless network support
- Education in personal computing best practices

IT Website

http://it.uoregon.edu

The UO information technology (IT) website includes the following:

- Software downloads
- Step-by-step instructions for common technology-related tasks
- IT-related event announcements

Labor Education and Research Center

Robert Bussel, Director
541-346-5054
541-346-2790 fax
1675 Agate St.
1289 University of Oregon
Eugene OR 97403-1289

The Labor Education and Research Center (LERC) was established at the University of Oregon in 1977 by the Oregon Legislative Assembly to serve the educational and research needs of Oregon workers and their organizations. LERC has an advisory board that includes representatives from state labor organizations. A campus advisory committee also works with LERC faculty members on campus educational programs.

The center serves as a liaison between members of Oregon's labor community and the state university system. Research and educational programs provide a catalyst for interaction among labor leaders, public officials, arbitrators, labor relations specialists, and members of the academic community.

The center produces educational programs including seminars, conferences, and short courses on campus and throughout the state. It offers training and education to unionists in grievance handling, arbitration, collective bargaining, health and safety, and issues of concern in today's complex and rapidly changing economy. Most of these programs are offered without credit.

The broader labor relations community of arbitrators, mediators, and labor relations professionals is served through LERC's conferences and programs on public- and private-sector labor law, worker participation, and labor-management cooperation.

Faculty members are engaged in research on current and emerging issues in labor relations and working life. Areas of research include the changing environment and structure of collective bargaining, sustainability and green jobs, immigration and Oregon's changing workforce, workplace health and safety, economic justice and the low-wage economy, privatization, and worker rights in organizing and dispute resolution.

For students enrolled at the University of Oregon, the LERC faculty teaches for-credit courses in academic departments on topics such as labor history, labor policy, and economic justice. In addition, LERC also provides a participatory learning experience for undergraduate students, an intensive internship with Oregon labor organizations on research and related projects—Supervised Field Study (LERC 406). Students earn 4 credits each term of the internship. To participate, students must get preapproval from the LERC faculty.

The center's faculty members work with a student to determine how a LERC course fits into his or her academic program. Faculty members are available to students for consultation related to the center's interest areas. More information is available from the center.

LERC in Portland

LERC offices in Portland offer services to the metropolitan area through general and specialized programs. The Portland office is located in the

University of Oregon's White Stag Block at 70 NW Couch Street, Suite 353; telephone 503-412-3721.

The Labor Education and Research Center is a member of the United Association for Labor Education and the Pacific Northwest Labor History Association.

Faculty

Robert Bussel, professor. BA, 1973, Cornell; MEd, 1983, Rutgers; PhD, 1993, Cornell. (2002)

Barbara Byrd, senior instructor; coordinator, Portland Center. BA, 1971, Rice; MS, 1978, Massachusetts at Amherst; PhD, 1988, Texas, Austin. (1994)

Lynn M. Feekin, senior instructor. BA, 1972, Northern Iowa (1994)

Jennifer Hess, research assistant professor. BS, 1983, Western Washington; MPH, 1996, Washington (Seattle); PhD, 2004, Oregon. (2002)

Gordon Lafer, associate professor. BA, 1983, Swarthmore; MA, 1989, MPh, 1992, PhD, 1995, Yale University. (1997)

Helen Moss, senior instructor. BA, 1982, San Francisco State; MA, 2001, Portland State University. (2000)

Raahi Reddy, instructor. BA, 1993, Rutgers; MA, 2008, California, Los Angeles. (2013)

Emeriti

Steven Deutsch, professor emeritus. See **Sociology**.

Margaret J. Hallock, professor emerita. BA, 1969, Southern California; MA, 1971, PhD, 1974, Claremont. (1988)

Steven F. Hecker, associate professor emeritus. BA, 1972, Yale; MS, 1981, Washington (Seattle). (1998)

Marcus Widenor, associate professor emeritus. BA, 1974, Antioch; MA, 1976, Massachusetts at Amherst. (1983)

The date in parentheses at the end of each entry is the first year on the University of Oregon faculty.

Libraries

Adriene Lim, Dean of Libraries and Philip H. Knight Chair
541-346-3056
541-346-3485 fax
Office of the Librarian, Knight Library
1299 University of Oregon
Eugene, Oregon 97403-1299
libref@uoregon.edu

About the Libraries

The University of Oregon Libraries supports the teaching, learning, and research programs of the university and is open to the general public. The range of support provided to the faculty and students is broad, including reference and research assistance, access to print and digital collections including extensive special collections and archives, interlibrary loan and reserve-reading programs, credit and noncredit library courses, access to computers and electronic resources, instructional technology support and training, media-rich classroom facilities, wireless access, and campuswide classroom technology support.

The UO Libraries, an Association of Research Libraries member, houses one of the largest research collections in the Pacific Northwest and serves as many as 10,000 users per day. Extensive holdings of manuscripts, microforms, CDs, DVDs, phonograph records, films, videotapes, slides, maps, and state, federal, and international documents complement the core collections. To meet the growing demand for digital resources, the UO Libraries continues to expand its digital holdings, with more than 240,600 digital items and 670,000 digital newspaper pages currently available online.

Facilities and Resources

University of Oregon Libraries comprises Knight Library, five on-campus branch libraries, and two off-campus branch libraries. On-campus libraries include the Global Scholars Hall Library Commons; John E. Jaqua Law Library, located in the Knight Law Center; the Allen Price Science Commons and Research Library, located in the science complex; the Mathematics Library, in Fenton Hall; and the Architecture and Allied Arts Library, in Lawrence Hall. Off-campus libraries include the Loyd and Dorothy Rippey Library at the Oregon Institute of Marine Biology in Charleston, Oregon, and the Portland Library and Learning Commons. Reference and research service is provided in all libraries. For library hours, consult the website.

The libraries provide access to an array of services and technology, including scanning equipment, digital cameras, color printers, and desktop computers equipped with production, presentation, and graphics software. Facilities for audio and video transfer and editing are available in Knight Library.

The UO Libraries' website is an excellent starting point from which to explore myriad information resources. With robust search capabilities, the website gives access to information on resources in all formats. Materials not held by the UO Libraries or its regional partners may be borrowed through interlibrary loan.

The library's online catalog is constantly updated with information about the circulation status of library materials, new books and book orders, and electronic journals. Users can search numerous online periodical indexes, newspapers, e-books, and e-journals. Search tools for e-journals are accompanied by a feature that allows users to easily locate the full text of articles. Convenient access to collections of digitized print and nonprint material is provided through the website as well.

Services

The UO Libraries' instructional programs include technology workshops, in-class presentations by librarians, and credit courses on research methods, information access, and digital scholarship. These programs reach more than 22,000 students and faculty members each year.

The library provides a full range of instructional technology services, including classroom technology design and maintenance, educational video production, streaming media services, support for the university's learning management system, and instructional technology assistance for teaching, learning, research, public service, and outreach. The library also provides delivery and maintenance of instructional technology equipment to classrooms across campus.

The UO Libraries collaborates with faculty members and students to advance research and scholarly communication using new media and

digital technologies. Based on a foundation of access, sharing, and preservation, the library provides digital asset management, digital preservation, training, consultations, and tools for digital scholarship. The library also manages and maintains the UO Scholars' Bank, an online archive of the scholarly output of the campus community.

Library services and facilities are accessible to patrons with disabilities. Staff members at service desks in each library can provide details about relevant services. For more information, call Knight Library's Reference and Research Services desk, 541-346-1818.

Borrowing

Students who are currently enrolled or registered and University of Oregon faculty and staff members may borrow materials from the UO Libraries. They may also borrow materials and receive online article deliveries from any of the other libraries with which the UO Libraries has reciprocal lending agreements. A number of document delivery services are available, including special programs for distance-education students. Through its course reserves program, the library provides students with access to selected course readings. Information on access to user accounts and other services is available on the library's website.

Student Employment

The library employs students to assist in all facets of library operations, and students are often able to work in areas related to their academic, professional, and personal interests. For more information, contact the library's Human Resources office at 541-346-1894.

History

The first official library at the University of Oregon was established in 1891, when Henry Villard donated a book collection valued at $1,000. As collections grew during the next twenty years, the library moved to progressively larger quarters in various locations. In 1905 the legislature appropriated funds for a new library building, now Fenton Hall. The building was completed in 1907, and a fireproof stack annex was added in 1913.

Knight Library was designed by Ellis F. Lawrence and constructed in 1937. The facade has been described as "exotic, a combination of modernized Lombardy and Greco-Roman with art deco details." The building contains exceptionally fine exterior and interior decorative work, including the fifteen stone heads by Edna Dunberg and Louise Utter Pritchard, ornamental memorial gates by O. B. Dawson, carved wooden panels by Arthur Clough, and two large murals painted by Albert and Arthur Runquist. The 1937 building and the quadrangle it faces are listed on the National Register of Historic Places.

Additions to Knight Library were constructed in 1950 and 1966. During a third expansion and renovation project, a 132,000-square-foot addition was completed in 1992, and substantial renovation of the existing building was completed in 1994.

Donor Program

Gifts from alumni and friends help strengthen library collections, purchase new technology, employ student assistants, and preserve Oregon's rich history. Library donors receive the biannual publication *Building Knowledge*. For more information, call the Library Development office at 541-346-1890.

Faculty

Jaye A. Barlous, assistant librarian; law reference librarian. BA, 1986, Florida Atlantic; JD, 1989, Nova Southeastern; MLIS, 2003, Washington (Seattle). (2010)

Margaret H. Bean, associatelibrarian; head, science libraries. BA, 1978, Scripps College; MLS, 1979, California, Berkeley. (2007)

Andrew R. Bonamici, senior librarian; associate dean for media and instructional services. BA, 1983, Marylhurst; AMLS, 1984, Michigan, Ann Arbor. (1985)

Sara N. Brownmiller, professor; director, library systems. BA, 1974, Incarnate Word; MLS, 1978, Arizona. (1987)

Barbara A. Butler, professor; science librarian. BS, 1980, MS, 1983, California, Davis; MLIS, 1990, California, Berkeley. (1992)

Jonathan O. Cain, assistant librarian; government information librarian. BS, 2004, College of Charleston; MA, 2007, New York University; MSILS, 2010, Pratt Institute. (2014)

Damon Campbell, assistant librarian; acquisitions librarian. BA, 2004, DePaul; MLIS, 2007, Illinois, Urbana-Champaign. (2013)

Bronwyn L. Dorhofer, assistant librarian; access services and outreach librarian, Portland Library and Learning Commons. BA, 2008, Portland State; MLS, 2011, Emporia State. (2013)

Karen M. Estlund, associate librarian; head, digital scholarship center. BA, 2001, Reed College; MLIS, 2005, Washington (Seattle). (2007)

David C. Fowler, associate professor; senior librarian; head, licensing, grants administration, and collection analysis. BA, 1984, Alaska, Anchorage; MLS, 1995, State University of New York, Albany. (2006).

James D. Fox, associate librarian; head, special collections and university archives. BA, 1980, California, Santa Cruz; MA, 1984, Chicago; MLS, 1986, Columbia. (2000)

Paul A. Frantz, professor; head, reference and research services. BA, 1972, Alberta; MA, 1977, Portland State; MLS, 1984, Washington (Seattle). (1986)

Nathan Georgitis, associate librarian; digital collections librarian. BA, 1996, Brown; MLS, 2000, Simmons College. (2003)

Martha "Mar" Gonzalez Palacios, assistant librarian; art and architecture librarian. BA, 1991, Universidad Iberoamericana (Mexico City); BFA, 2001, Emily Carr Institute of Art and Design; MLIS, 2007, British Columbia. (2014)

Mary C. Grenci, associate librarian; serials catalog team leader. BMus, 1985, Youngstown State; MMus, 1987, New England Conservatory of Music; MLS, 1995, Southern Connecticut. (1996)

Heghine Hakobyan, associate librarian; Slavic librarian. BA, 1983, Kurgan College of Culture and Enlightenment; MA, 1988, Tyuman State University; MLIS, 2003, City University of New York, Queens College. (2007)

James "Ryan" Hildebrand, associate librarian; authorities and special collections cataloging librarian. BA, 1999, California, Riverside; MLIS, 2002, California, Los Angeles. (2015)

Mary Ann Hyatt, professor; director, law library. BA, 1979, Rhodes; MLS, 1980, Emory; JD, 1993, Washington (Seattle). (2004)

Barbara Baxter Jenkins, professor; director, instruction and campus partnerships. BA, 1978, Earlham; MLS, 1982, Chicago. (1992)

Stephanie Kays, assistant librarian; archivist for collections management. BFA, 2000, Minneapolis College of Art and Design; MAS, 2008, MLIS, 2009, British Columbia. (2013)

David H. Ketchum, assistant librarian; resource sharing librarian. BA, 2004, Montana; MLIS, 2008, Southern Mississippi. (2012)

Kathleen M. Lenn, professor; social sciences–education librarian. BA, 1983, Eastern Illinois; MLS, 1985, Illinois. (1985)

Adriene I. Lim, senior librarian; dean of libraries and Philip H. Knight Chair. BFA, 1993, MLIS, 1996, Wayne State; PhD, 2012, Simmons College. (2014)

Linda J. Long, senior librarian; manuscripts librarian. BA, 1978, Seattle; MA, 1979, Case Western; MLS, 1987, Brigham Young. (1997)

Michael Majdic, professor; video producer and director. BA, 1984, Illinois at Urbana-Champaign; MA, 1993, Sangamon State. (1994)

Kevin McDowell, assistant librarian; Japanese studies librarian. BA, 1992, Oregon; MA, 2002, British Columbia; MLIS, 2003, Arizona. (2012)

Kelley C. McGrath, associate librarian; metadata management librarian. BA, 1992, Ohio State; MLS, 1999, Indiana, Bloomington. (2010)

Stephanie A. Midkiff, associate librarian; law reference librarian. BA, 1978, JD, 1985, MLS, 1994, Kentucky. (1997)

Ann E. Miller, associate librarian; head, collection services. BA, 1980, Goshen College; AMLS, 1983, Michigan, Ann Arbor. (2008)

Victoria S. Mitchell, associate librarian; social sciences data services and government documents librarian. BS, 1979, California; MSLIS, 1989, Simmons College. (2001)

Karen E. Munro, associate librarian; head, Portland Library and Learning Commons. BA, 1995, McGill; MFA, 1999, Iowa; MLIS, 2002, British Columbia. (2008)

Angus B. Nesbit, associate librarian; law reference librarian. BA, 1984, Maine; MLIS, 1985, Pittsburgh; JD, 1992, Oregon. (1997)

Jennifer R. O'Neal, assistant librarian; Richard and Mary Corrigan Solari University Historian and Archivist. BS, 1999, MA, 2002, Utah State; MLIS, 2003, Arizona. (2012)

Elizabeth M. Peterson, associate professor; humanities librarian and curator of moving images. BA, 1990, California, Santa Cruz; MLIS, 2002, San Jose State. (2006)

Kelly Christianson Reynolds, assistant librarian; law reference librarian. BS, 1997, Washington and Lee; JD, 2000, Brigham Young; MLIS, 2004, North Texas. (2011)

Miriam E. Rigby, associate librarian; social sciences librarian. BA, 2002, Reed College; MA, 2004, Chicago; MLIS, 2008, Washington (Seattle). (2008)

Lori Proudfit Robare, professor; monographic catalog team leader. BA, 1982, Lewis and Clark; MA, 1986, Monterey Institute of International Studies; MLIS, 1992, California, Berkeley. (1994)

John E. Russell, associate librarian; scholarly communications librarian. BA, 1993, Vermont; MLS, 2004, Indiana. (2007)

Ann B. Shaffer, assistant librarian; music librarian. BA, 1998, Smith College; MA, MLS, 2004, PhD, ABD, 2008, Indiana, Bloomington. (2011)

Julia C. Simic, associate professor; metadata and digital production librarian. BA, 1993, MLS, 1996, Indiana. (2006)

Nancy Slight-Gibney, professor; assistant dean, library resource management. BA, 1978, MA, 1986, Oregon; MLIS, 1990, Michigan, Ann Arbor. (1993)

Jeffrey Staiger, associate librarian; humanities librarian—Romance languages. BA, 1985, Williams College; PhD, 1997, California, MLIS, 2005, Rutgers. (2006)

Laine Stambaugh, senior librarian; human resources librarian. BA, 1977, MA, 1986, California State, Long Beach; MLS, 1987, Arizona. (1987)

Kathleen P. Stroud, assistant librarian; David and Nancy Petrone Map-GIS Librarian. BS, 1988, Pennsylvania State; MLS, 2005, Maryland, College Park. (2011)

Bruce Harwood Tabb, associate professor; special collections librarian. BMus, 1987, Cincinnati; MMus, 1989, Yale; MLS, 1991, Southern Connecticut. (1992)

Edward H. Teague, professor; head, architecture and allied arts library. BFA, 1972, North Carolina, Chapel Hill; MA, 1976, Georgia; MLS, 1978, North Carolina, Chapel Hill. (2001)

Ngoc-Yen "Yen" Tran, assistant librarian; outreach and student engagement librarian. BA, 2006, Willamette; MLIS, 2008, Washington (Seattle). (2012)

Ilona Tsutsui, associate librarian; law collections and electronic resources librarian. BS, 1997, Oregon; MLS, 2006, Emporia State. (2008)

Dean P. Walton, associate professor; science librarian. BS, 1983, American; PhD, 1990, Georgetown; MLS, 2005, Southern Connecticut State. (2005)

Hsiao-Guang "Daphne" Wang, associate librarian; East Asian catalog team leader. BA, 1984, MLS, 1986, Rutgers. (1997)

Mark R. Watson, senior librarian; associate dean for research services. BA, 1981, Whitworth; MA, 1983, Washington State; AM, 1986, Chicago. (1986)

Brian D. Westra, associate librarian; Lorry I. Lokey Science Librarian. BA, 1984, Dordt College; MS, 1991, Western Washington; MLIS, 1998, Michigan, Ann Arbor. (2008)

David R. Woken, assistant librarian; history–Latin American studies librarian. BA, 2000, Illinois, Urbana-Champaign; MA, 2002, Indiana, Bloomington; MLIS, 2012, Wisconsin, Madison. (2013)

Ann Zeidman-Karpinski, associate professor; senior librarian; Kenneth M. and Kenda H. Singer Science Librarian. BA, 1992, Oberlin; MA, 1996, Rutgers; MLIS, 2002, California, Los Angeles. (2002)

Kaiping Zhang, associate librarian; business-economics librarian. BA, 1967, Beijing Institute of Foreign Languages; MLS, 1992, State University of New York, Albany. (2000)

Emeriti

Lawrence N. Crumb, associate professor emeritus. BA, 1958, Pomona; MA, 1967, Wisconsin, Madison; M.Div., 1961, S.T.M., 1973, Nashotah House. (1978)

Katherine G. Eaton, associate professor emerita. BA, 1944, Minnesota; MS, 1952, MS, 1968, Oregon. (1970)

J. Richard Heinzkill, professor emeritus. BA, 1955, Saint John's (Collegeville); AMLS, 1964, Michigan, Ann Arbor. (1967)

Donald L. Hunter, professor emeritus. BS, 1945, Nebraska. (1946)

Dennis R. Hyatt, professor emeritus. BA, 1969, Missouri; JD, 1972, MLL, 1974, Washington (Seattle). (1976)

Edward C. Kemp, professor emeritus. AB, 1951, Harvard; MLS, 1955, California, Berkeley. (1955)

William C. Leonard, professor emeritus. AA, 1958, San Jose City; BS, 1965, MS, 1970, Oregon. (1968)

Howard A. Lindstrom, associate professor emeritus. BS, 1958, Southern Oregon State; MA, 1966, California State, San Jose; EdD, 1987, Oregon. (1987)

Reyburn R. McCready, associate professor emeritus. BA, 1950, John Brown; MA, 1961, Denver. (1961)

Guido A. Palandri, professor emeritus. BA, 1949, Oregon; BLS, 1954, California, Berkeley. (1960)

Huibert Paul, assistant professor emeritus. BA, 1963, Sophia, Tokyo; MLS, 1965, California, Berkeley. (1965)

K. Keith Richard, professor emeritus. BS, 1958, Oregon College of Education; MS, 1964, MLS, 1971, Oregon. (1972)

Claire Runkel, assistant professor emerita. BA, 1958, MA, 1961, Minnesota. (1961)

George W. Shipman, university librarian and Philip H. Knight Chair 1997–2000 emeritus. BA, 1963, Albion; MA, 1965, Western Michigan; AMLS, 1967, Michigan, Ann Arbor. (1980)

Marcia J. Sigler, assistant professor emerita. BA, 1944, Ohio Wesleyan; BS, 1956, MLS, 1958, California, Berkeley. (1969)

Ruth E. South, associate professor emerita. BA, 1950, MLS, 1972, MA, 1981, Oregon. (1973)

Christine L. Sundt, professor emerita. BA, 1969, Illinois, Chicago; MA, 1972, Wisconsin, Madison. (1985)

Luise E. Walker, associate professor emerita; science reference librarian. AB, 1951, Washington (Seattle); AMLS, 1955, Michigan, Ann Arbor; MS, 1961, State University of New York, College of Environmental Sciences and Forestry. (1967)

The date in parentheses at the end of each entry is the first year on the University of Oregon faculty.

Courses

LIB101. Introduction to Library Research. 1 Credit.
Introduction to the use of resources and services offered by the UO Libraries.

LIB199. Special Studies: [Topic]. 1-5 Credits.
Repeatable. Introduction to general library resources and to subject-related library resources. Repeatable when topic changes.

LIB399. Special Studies: [Topic]. 1-5 Credits.
Repeatable. Introduction to general library resources and to subject-related library resources. Repeatable when topic changes.

LIB405. Reading and Conference: [Topic]. 1-21 Credits.
Repeatable.

LIB407. Seminar: [Topic]. 1-5 Credits.
Repeatable. Topics are Library Resources, Bibliography.

LIB409. Practicum: [Topic]. 1-12 Credits.
Repeatable.

LIB410. Experimental Course: [Topic]. 1-5 Credits.
Repeatable.

LIB507. Seminar: [Topic]. 1-5 Credits.
Repeatable. Topics are Library Resources, Bibliography.

LIB510. Experimental Course: [Topic]. 1-5 Credits.
Repeatable.

LIB605. Reading and Conference: [Topic]. 1-16 Credits.
Repeatable.

LIB607. Seminar: [Topic]. 1-6 Credits.
Repeatable.

Multicultural Academic Excellence

Jane Irungu, Director
541-346-3479
541-346-3416 fax
164 Oregon Hall
inclusion.uoregon.edu
cmae@uoregon.edu

The Center for Multicultural Academic Excellence is committed to the retention, support, and academic success of historically underrepresented and underserved populations, including low-income, first-generation, and multiple-identity students. The center provides academic services, leadership development, cultural programming, and dedicated space structured around a program of best practices for student access and success. Services include but are not limited to the following:

- academic advising and support
- scholarship administration
- leadership development and mentoring
- cultural programming
- advocacy (academic petition; financial aid; bias or discrimination)
- graduate school preparation
- tutorial assistance
- dedicated space (two computer laboratory spaces with printing privileges)
- selected course offerings with preregistration, including

WR121	College Composition I	4
WR122	College Composition II	4
MATH111	College Algebra	4
MATH241	Calculus for Business and Social Science I	4
MATH242	Calculus for Business and Social Science II	4
MATH243	Introduction to Methods of Probability and Statistics	4

The Center for Multicultural Academic Excellence sponsors the Reach for Success middle school visitation program, a multicultural Awards and Graduation Ceremony, and multicultural speakers and presenters. The office also provides technical, advisory, and financial support of student organizations, and it enhances the new student experience by participating in IntroDUCKtion, Week of Welcome activities, Duck Days, and a fall orientation retreat for new students of color.

Services are free. All students, in particular those historically underrepresented, are encouraged to use the center.

Museums

Jordan Schnitzer Museum of Art

Jill Hartz, Executive Director
541-346-3027
541-346-0976 fax
1430 Johnson Lane
1223 University of Oregon
Eugene, Oregon 97403-1223
jsma.uoregon.edu

The Jordan Schnitzer Museum of Art (JSMA) is a visual arts resource for students, faculty members, and visitors. The museum collects, preserves, studies, exhibits, and interprets works of art for the benefit of the UO curriculum and for the enrichment of the general public. The museum's 14,000 piece collection has strengths in Asian, Pacific Northwest, and American art and has recently expanded collecting into the areas of European and Latin American art. More than half of the museum's collection is searchable online, thanks to grants from the Oregon Cultural Trust.

The JSMA presents exhibitions and programs that emphasize cross-cultural understanding, provide broad education experiences, and support collaborative and interdisciplinary opportunities on and off campus. The collection galleries feature art from the Americas, Europe, China, Japan, and Korea, enhanced with a provocative series of special exhibitions and a full complement of programs designed to keep visitors engaged. A multicultural destination, the museum offers Spanish language materials throughout the galleries.

As a nationally accredited university museum, the Jordan Schnitzer Museum of Art is an important teaching resource. Its exhibitions and programs are based on the multidisciplinary curricular and extracurricular interests of university and community audiences. Museum staff and faculty members lecture, teach, and lead museum tours for UO students and others in the community. Student involvement is encouraged at several levels, beginning with a free student membership program and ranging from internships, practicums, and paid and volunteer opportunities to service on advisory committees.

Opened in 1933 and designed by architect and former dean of the architecture school Ellis Lawrence, the museum, including its Prince Lucien Campbell Memorial Courtyard, is on the National Registry of Historic Places. In 2005, the museum reopened after a few years of renovation, doubling its original size. Today, in addition to its galleries, the museum houses an art-making studio, lecture and reception halls, a museum café, and two exterior courtyards.

Admission is free for museum members, children under eighteen,UO and other college students, and UO faculty and staff members. University identification is required. The museum hours are Wednesday through Sunday, 11:00 a.m. to 5:00 p.m., with extended evening hours every Wednesday until 8:00 p.m.

Museum of Natural and Cultural History

Jon M. Erlandson, Director
541-346-3024
541-346-5334 fax
1680 E. 15th Ave.
1224 University of Oregon
Eugene, Oregon 97403-1224
mnh@uoregon.edu
natural-history.uoregon.edu

The Museum of Natural and Cultural History links research and teaching activities with public programs and exhibits on the natural sciences and cultural history, including extensive research on Oregon archaeology, geology, history, and natural history.

The museum holds important collections of anthropological, archaeological, biological, and paleontological materials. These include the world's oldest shoes, 10,000-year-old sagebrush bark sandals from Fort Rock Cave, and evidence of North America's oldest house, a 9,400-year-old summer settlement buried under layers of volcanic ash near Newberry Crater.

Museum exhibits focus on Pacific Northwest geology, archaeology, biology, Native American cultures, and traditional cultures worldwide. Each year, courses in anthropology, biology, geological sciences, architecture and allied arts, and other departments and schools use the museum. Faculty and staff members lecture, teach, and lead museum and field tours for UO students and the broader community. Internship, individual study, volunteer, and employment opportunities are available for students. Graduate students and visiting scholars use the collections for research leading to theses, dissertations, and other publications or reports.

Offering tours and educational activities for children, families, and community groups, the museum works closely with local and regional school districts and other community groups.

Admission is free for UO students, faculty, staff, and museum members, $3 for adults, $2 for seniors and youth, and $8 for families; admission is free for all on Wednesdays. Exhibits and the museum store are open Wednesday through Sunday, 11:00 a.m. to 5:00 p.m.

Oregon State Museum of Anthropology

Jon M. Erlandson, Director
541-346-3031

The Oregon State Museum of Anthropology and its research collections are part of the Museum of Natural and Cultural History. It was established

by the Oregon Legislative Assembly in 1935 as the official repository for state-owned anthropological collections. It also houses research collections resulting from archaeological fieldwork in Oregon as well as ethnographic objects from around the world.

Highlights include an extensive collection of ancient basketry from excavations in the dry caves of eastern Oregon and historic Native American basketry from across the western United States. The museum's collections division curates archaeological specimens obtained through its own work in Oregon as well as specimens from other research projects and makes them available for study, exhibition, and loan.

Condon Collection of Fossils

541-346-3461
214 Volcanology Building
1272 University of Oregon
Eugene, Oregon 97403-1272

The Condon Collection, part of the Museum of Natural and Cultural History collection, includes geological specimens collected by Thomas Condon, pioneer geologist and professor of natural history and geology at the University of Oregon. Condon was one of the first professors to join the faculty of the university when it was established in 1876. When he died in 1907, his extensive personal collection of fossils, which he used for teaching, became the permanent possession of the university. Since 1907 the collection has been added to by various people, particularly A. J. Shotwell during the 1950s and 1960s.

The collection includes approximately 85,000 specimens. Vertebrate fossils make up the bulk of the collection, but it includes some invertebrate fossils, large holdings of fossil plants (largely leaf impressions), and several thousand skulls and skeletons of recent mammals, birds, reptiles, amphibians, and fish. Several hundred published technical papers document the collections. Some research on the collections has been published in the Museum of Natural and Cultural History bulletin series. A list of publication titles and a pamphlet with information about the museum may be obtained by writing to the museum.

ROTC

Air Force ROTC

541-737-3291
800-633-7352
AFROTC Detachment 685
308 McAlexander Field House
Oregon State University
Corvallis, Oregon 97331
oregonstate.edu/dept/afrotc (http://oregonstate.edu/dept/afrotc)

Students interested in obtaining an officer's commission in the United States Air Force upon graduation may join the Air Force Reserve Officers Training Corps (AFROTC) program offered through the Department of Aerospace Studies at Oregon State University. Undergraduate credits earned in this program may be transferred to the University of Oregon as elective credits. Students may complete a degree in any field while in the program. Students are responsible for tuition and fees as assessed by Oregon State University.

Programs

The following programs are open to qualified students.

Four-Year Program

The four-year program consists of the general military course (six terms of lower-division air force studies courses, including a laboratory each term) and the professional officer course (six terms of upper-division air force studies courses, including a laboratory each term). Four-year cadets attend a field training course for four weeks during the summer before their junior year of college.

Students may enter the freshman class at the start of the fall, winter, or spring terms. Sophomores may enter at the start of the fall term and take the freshman- and sophomore-level courses concurrently.

Before enrolling in the professional officer course during the last two years of the program, the student must meet AFROTC qualification standards and requirements.

Two-Year Program (currently inactive)

Entry is competitive. Application should be made early in the fall term of the student's sophomore year. Participants must attend a field training course for six weeks in the summer before their junior year of college. The curriculum includes six terms of upper-division aerospace studies courses, including a laboratory each term. Applicants must have two years remaining in college after the field training, which may be undergraduate or graduate work or a combination of the two.

Commitments

Students in the four-year program incur no obligation during their first two years in AFROTC unless they are awarded a scholarship. After enrolling in Air Force Leadership and Management, the student agrees to accept a commission if it is offered. Scholarship students incur a commitment at the beginning of their sophomore year. Upon accepting their commission, pilots incur an obligation of ten years after completion of pilot training; combat systems officers and air battle managers incur a six-year obligation after initial training, and all others agree to serve for four years after receiving the commission.

Scholarships

Scholarships are available for qualified students. Interested high school students should apply online by December 1, prior to the academic year for which the student is applying. Each scholarship covers the cost of tuition, laboratory fees, incidental expenses, $600 a year for textbooks, and as much as $500 as a monthly stipend.

For further details, visit the website, contact the AFROTC Detachment at the telephone numbers listed above, or e-mail afrotc@oregonstate.edu.

Allowances, Uniforms, Textbooks

Students on an Air Force ROTC scholarship or enrolled in the professional officer course are paid a monthly stipend. Uniforms and textbooks for both the general military course and professional officer course are provided by the Air Force. The University of Oregon offers a discount on room and board for scholarship winners.

Field Training

One summer field-training session is required for Air Force ROTC programs; successful completion is required for cadets prior to

membership in the professional officer course. Students are paid varying amounts for each of these training periods.

Standards

Cadets must be U.S. citizens of sound physical condition and high moral character andmust be commissioned as Air Force officers before reaching age thirty.

Other Educational Opportunities

After completing AFROTC requirements, advanced degrees may be sought by delaying active-duty commitments. Some commissioned officers continue advanced studies through fully funded Air Force Institute of Technology programs. Special provisions are available for medical and law students.

For more information about Air Force ROTC programs, write to the department mailing address or visit the Oregon State University AFROTC website.

Army ROTC

See **Military Science**.

University of Oregon in Portland

503-412-3696
70 NW Couch St.
Portland, Oregon 97209
http://pdx.uoregon.edu

The University of Oregon has offered programs in Portland for more than 100 years. Continuing this tradition, the University of Oregon in Portland—based in the historic White Stag Block—offers students and professionals advanced learning opportunities. By working closely with businesses and city leaders, the university provides students with real-world opportunities that are well suited to a large metropolitan area. In addition, the facility serves as a hub of activity, discussion, and debate, with lectures, exhibits, seminars, and other public events.

School of Architecture and Allied Arts

The **School of Architecture and Allied Arts** at the University of Oregon in Portland partners in multiple ways with the city and the metropolitan area through teaching, research, creative work, and service activities. Portland is an extraordinary urban laboratory for the University of Oregon and the school's students and faculty members.

The school offers a master of architecture degree program, an advanced undergraduate bachelor of fine arts (BFA) degree in digital arts, a BFA in product design, and undergraduate bachelor of architecture terminal studio courses at the Portland facilities. Continuing-education workshops, exhibits, screenings, and public lectures round out the offerings available to the public and area professionals.

Department of Architecture

The Department of Architecture at the University of Oregon is internationally recognized for educating architects who understand and practice sustainable design. The Department of Architecture in Portland focuses on the influence of urban design and planning. The program builds on more than twenty-five years of teaching in Portland, using the city as a living laboratory for urban architecture. The curriculum emphasizes an architectural design process that develops connections to the urban landscape and strengthens relationships between individual buildings, public spaces, and the fabric of urban districts and neighborhoods. Students have close contact with city officials and leaders of Portland's design community in a city internationally recognized for sustainable urban design, public transit, and regional planning. The program offers advanced course work that can be applied toward doctoral, master's, or bachelor's degrees for students who have completed foundation studies. All UO undergraduate and graduate architecture students are eligible to study in Portland. The department offers professional degrees accredited by the National Architectural Accrediting Board (NAAB). The department offers postprofessional research degrees for those who have completed a NAAB-accredited degree or international equivalent.

Digital Arts

The Department of Art's Digital Arts Program encourages students to combine new media and visual art theory with strong technical sophistication, a rich sense of visual design, and an ability to articulate artistic research. The program offers a fifth-year BFA degree for students in residence at the University of Oregon in Portland focusing on creative practice, thesis project development, and exhibition installation. The application process is competitive and includes a portfolio review. Current UO students apply to the fifth-year BFA program in their senior year as they are completing requirements for the BA or BS degree. In addition, students who have completed a comparable four-year degree in art at another institution may be admitted to the BFA program. Such candidates must satisfy the university's 45-credit residence requirement.

Product Design

Product designers create the tools, transportation, computers, clothes, sofas, and sports equipment to fit the changing needs of our lives. The Product Design Program provides a thorough grounding in the use, invention, and production of consumer goods. Students with an interest in becoming rigorous, critical, mission-driven designers are ideal candidates for the product design BA and BS programs in Eugene and the fifth-year BFA degree program in Portland.

Energy Studies

The research projects of the **Energy Studies in Buildings Laboratory** are directed at understanding how buildings and related transportation and land-use systems determine energy or resource use. The lab's goals are to develop new materials, components, assemblies, and whole buildings, and to assist designers, builders, developers, and communities in improving building and systems performance. Design tools have been developed by the lab to enable professionals to design more efficient communities and buildings. The staff includes architects, engineers, and computer scientists with experience on a broad range of projects. As a UO research center, the lab also can draw on other university faculty members in architecture, business, economics, landscape architecture, physics, planning, public policy and management, and other research groups as necessary to address the unique requirements of each project. The facilities include a computer simulation laboratory, two artificial skies, a heliodon, and a boundary-layer wind tunnel.

School of Journalism and Communication

The **School of Journalism and Communication**'s **George S. Turnbull Portland Center** provides academic and professional programs in the state's media center. The center offers master's degrees in strategic communication and multimedia journalism as well as professional development workshops.

The Turnbull Center is actively engaged in the Portland community by

- offering Eugene-based University of Oregon students a senior experience that includes internships at Portland businesses and nonprofits combined with late-day classes
- bringing journalists of note to the table for public discussions of the important issues of the day
- hosting academic and civic conferences on enduring and emerging topics of communication
- partnering with community and media groups for public events

School of Law

The **School of Law**, which opened in Portland in 1884, maintains offices in the White Stag Block to facilitate its outreach to the Portland legal and business community. The Wayne Morse Suite serves as a LEED Platinum (Leadership in Energy and Environmental Design sustainability rating) educational space and formal presentation forum for visiting lectures. Small selections of courses are offered in the fall and spring semesters and in summer session to complement Portland-area externship offerings. The School of Law hosts Portland-area law conferences and open houses, oversees student externships and job placements, and features an annual conference focused on the **Green Business Initiative**, one of the first law school programs in the country dedicated to the intersection of law, business, and the environment.

Charles H. Lundquist College of Business

TheOregon Executive Master of Business Administration Programis the Portland hub of the University of Oregon'sLundquist College of Business. In the program, accomplished executives hone their skillsand reinvigorate their careers through interaction with peers, faculty members, and the Universityof Oregon's business network. The curriculum buildson business fundamentals with a focus on global strategy, organizational leadership,innovation, and teamwork. Results are accomplished through critical thinking, tailored course work, intensive instruction, and cohortcollaboration—all within a setting designed to emphasize ethics, transparency, andleadership.

Career Services Office

The **Career Services Office** of the Lundquist College of Business has an employer-relations presence in Portland to facilitate communication with and outreach to employers in the Portland area and beyond.

Academic Extension

Academic Extension provides a variety of educational opportunities including academic programs, professional development workshops, lifelong learning activities, and other special programs. Working closely with academic partners from across the UO campus, Academic Extension offers credit and noncredit opportunities to meet the various needs of community members. For more information, see the **Academic Extension** section of this catalog.

Library and Learning Commons

The **Library and Learning Commons** provides learning spaces, professional research and consulting services, and technology access to support the UO's academic, research, and community outreach programs in Portland. The collection includes a growing print book and journal collection as well as rich online collections of articles, data, and other media, with access to the collections of our consortial partner universities and colleges. The Library and Learning Commons also provides powerful hardware and software tools for student learning, as well as instructional technology support for learning spaces throughout the White Stag Block, with special emphasis on audiovisual displays, videoconferencing, and large-format printing and scanning services.

Career Center Portland

Career Center Portland serves UO students and alumni as they initiate job searches, form professional relationships, and prepare themselves for the Portland marketplace. In addition, the center offers opportunities for employed UO alumni and career professionals to provide advice, share their knowledge, and identify employees.

Student Affairs Portland

Student Affairs Portland supports current UO students in Portland and provides referral services to a health and counseling center, assistance in crisis situations, and additional resources to facilitate a positive educational experience.

Labor Education and Research Center

The **Labor Education and Research Center** serves as a link between the labor community and the university's wealth of resources, providing educational programs and research in the field of labor relations. The center's Portland-area activities consist of extension-education courses, conferences, and programs for working people, union staff members, and elected leaders. These events are intended to foster creative and critical thinking and to help participants develop skills and knowledge for labor leadership. In addition, Portland faculty members conduct applied research and provide technical assistance to workers and their organizations.

Child and Family Center

The **Child and Family Center** is an Oregon University System research institute. ThePortland office houses research scientists, interventionists, and staff members, as does thecenter's office in Eugene.

Research Projects

Currently, three active research projects are based in the Portland office. Project Alliance Oneis a follow-up study of 999 young adults and their families who participated in family-centeredservices in Portland school district middle schools from 1996 through 2000.It is currently conducting two projects, one which explores geneticpredispositions to health behaviors and one that looks at young adult relationships.Project Alliance Two is another follow-up study of 593 young adults and their families whoparticipated in family-centered services in Portland school district middle schools from2006 through 2010. It was designed to address expectations and concerns regarding the transition from middle school to high school andto make the program more relevant to culturally diverse families. The third research project, Ecological Approach to Family Intervention and Treatment (ECOFIT)—also known asPositive Family Support—is a program that promotes parents' use of positivereinforcement to improve student attendance, behavior, and completion ofacademic tasks.

Duck Athletic Fund and Oregon Club of Portland

The **Duck Athletic Fund** and **Oregon Club of Portland** both contribute to Portland's University of Oregon athletic spirit. The White Stag Block's athletic office houses Portland's Duck Athletic Fund, Oregon IMG Sports Marketing staff members, and the Oregon Club of Portland. Together, they coordinate fundraising, promotions, sponsorships, and special

events in the Portland area dedicated to raising funds to support the UO Department of Intercollegiate Athletics.

The White Box

Part of the UO School of Architecture and Allied Arts, the**White Box** is a 1,500-square-foot visual laboratory that promotesthe exploration of contemporary creative works and critical inquiry. This noncommercialexhibition space allows artists and curators, students and faculty, and regional, national,and international communities to research, explore, and present global issues in art,architecture, and design. It is located on the first floor of the White Stag Block and isopen Tuesdays through Saturdays during scheduled exhibitions.

The Duck Store

The Duck Store in the White Stag Block carries textbooks, course materials, and architecturaland other art and school supplies for Portland-area University of Oregon classes. Thislocation also carries the largest selection of UO Ducks sportswear and gifts in Portland,and serves coffee and other beverages at the coffee bar. Proceeds from the Duck Storehelp support the University of Oregon.

Oregon Bach Festival

Founded by acclaimed German conductor Helmuth Rilling and continuing under theleadership of Matthew Halls, the **Oregon Bach Festival** is the University of Oregon'sGrammy-winning summer music festival, with choral-orchestral masterworks, guestartists, chamber music, education programs, and the Bachfest PDX series in Portland.Based in Eugene, the festival also maintains an office in the White Stag Block.

Physical Education and Recreation

Peg Rees, Associate Director

The physical education program offers physical activity courses for university students, UO faculty and staff members, and members of the Eugene-Springfield community. Physical education courses emphasize the development of physical skills, improvement in fitness levels, and the acquisition of knowledge that contributes to a healthy lifestyle.

Approximately 150 courses are offered each term in a variety of activity areas— aquatics and scuba, fitness, individual activities, leadership, martial arts, mind-body, outdoor pursuits, racquet sports, running,team sports, and weight training. This ever-changing array of courses is taught by an exceptional staff of faculty members and contract employees.

Most classes meet twice a week for 1 credit. As many as 12 credits in physical education may be applied as electives to a bachelor's degree. Each term's offerings are listed in the Schedule of Classes online. Students may register for courses through DuckWeb, which is explained in the **Registration and Academic Policies** section of this catalog.

Students and members of the staff, faculty, and community may enroll in physical education courses as noncredit participants, if space is available. Noncredit participants pay the PE course fee and register in person at the service desk in the Student Recreation Center at the start of each term.

Opportunities are available for students who have disabilities or who need special accommodations in order to participate in physical education courses. More information and support is available by calling 541-346-4113, 8:00 a.m.–5:00 p.m., Monday–Friday.

Fees for Physical Education Courses

Course	Fee
Activity (1 credit)	$60
Activity (2 credits)	$120
Outdoor pursuits	$39–$205
Practicum (1–3 credits)	$10–$60

Some courses require additional fees to pay for equipment, transportation, contract expenses, and certification. Fees and fee-refund schedules are printed in each term's schedule of classes.

Faculty

David Rubino, senior instructor (team sports, martial arts, running). BS, 1987, Cortland; MA, 1988, Northern Colorado. (2001)

Greg Smith, senior instructor (racquet sports). BS, 1975, Texas, Austin. (2001)

Michael Strong, senior instructor (outdoor pursuits). BS, 1976, Alberta; MS, 1986, Oregon. (1986)

Emeritae

Karla S. Rice, senior instructor emerita. BS, 1962, Central Michigan; MA, 1965, Michigan State. (1967)

Becky L. Sisley, professor emerita; athletic liaison. BA, 1961, Washington (Seattle); MSPE, 1964, EdD, 1973, North Carolina, Greensboro. (1965)

Lois J. Youngen, associate professor emerita. BS, 1955, Kent State; MA, 1957, Michigan State; PhD, 1971, Ohio State. (1960)

The date in parentheses at the end of each entry is the first year on the University of Oregon faculty.

Courses

PEAS199. Special Studies: [Topic]. 1 Credit.
Repeatable.

PEAS368. Scuba: Basic. 2 Credits.
Repeatable. Open water certification. Techniques and equipment used in underwater diving. Water safety, diving physics, medical aspects of diving, and decompression. Leads to basic scuba certification. Equipment provided. Repeatable once for maximum of 4 credits.
Prereq: Beginning swim experience

PEAS369. Scuba: Advanced. 1 Credit.
Repeatable. Advanced open water diver certification. Navigation, deep diving, night diving and other topics. Develop underwater skills and learn speciality diving activities. Equipment provided. Repeatable once for a maximum of 2 credits.
Prereq: PEAS 368 or equivalent.

PEAS370. Scuba: Rescue Diver. 1 Credit.
Repeatable. Rescue Diver certification. Concepts of self rescue, psychological and physical stress, tows, assists, in-water resuscitation and rescue techniques. Equipment provided. Repeatable once for maximum of 2 credits.
Prereq: PEAS 369 or equivalent.

PEAS372. Scuba: Altitude Diver. 1 Credit.
Introduction to the varieties of multilevel diving. Multilevel dive calculators, dive planning, organization, procedures, techniques, and safety. Repeatable once for a maximum of 2 credits.
Prereq: PEAS 368 or equivalent.

PEAS375. Scuba: Deep Diver. 1 Credit.
Learn to dive to greater depths and develop special skills for deep dive planning, organization, procedures, techniques and hazards. R once for a maximum of 2 credits.

PEAS376. Scuba: Night Diver-Underwater Naturalist. 1 Credit.
Introduction to night dive planning, organization, procedures, techniques and potential problems. Learn to control buoyancy, navigate and communicate at night. An introduction to nocturnal aquatic life, as underwater creatures and plant life are active at night. Repeatable once for a maximum of 2 credits.
Prereq: PEAS 368.

PEAS378. Scuba: Nitrox. 1 Credit.
Instruction in diving with enriched air to extend 'no decompression' limits, increasing time spent underwater. Repeatable once for a maximum of 2 credits.

PEAS380. Scuba: Underwater Digital Photography. 1 Credit.
Advanced diving skills and photographic technique, planning, organization, procedures, problems, hazards, and enjoyment of underwater still photography in a safe and supervised environment. Vearrier.
Prereq: PEAS 368

PEAS381. Scuba: Dive Master I. 1-2 Credits.
Repeatable. Dive master certification. Preparation toward becoming a diving instructor. In-depth knowledge of general diving theory and watermanship skills. Assist a PADI instructor with the supervision of underwater diving students, dive planning and organization. Equipment provided. Repeatable once for a maximum of 4 credits.
Prereq: PEAS 370; 18 years old, 20 logged dives.

PEAS382. Scuba: Dive Master II. 1-2 Credits.
Repeatable. Advanced watermanship skills, leading to certification as a Dive Master. Responsible for demonstrating techniques and skills, class management, and assist students with common problems. Construct an underwater map. Repeatable once for a maximum of 4 credits.
Prereq: PEAS 381 or equivalent.

PEAS390. Scuba Instructor. 2 Credits.
Repeatable. This final course in the SCUBA series prepares, and possibly certifies, the student to become a SCUBA Instructor. Sequence: Basic, Advanced, Rescue, Night, Altitude, Nitrox, Equipment, Dive Master 12. All PE courses are repeatable once for credit.
Prereq: PEAS 382 or equivalent.

PEAS399. Special Studies: [Topic]. 1-2 Credits.
Repeatable.

Courses

PEAQ111. Learn to Swim. 1 Credit.
Repeatable once for a maximum of 2 credits.

PEAQ121. Water Fitness I. 1 Credit.
Repeatable. Principles of effective water-based conditioning. Cardio respiratory fitness and strength building workout. An effective workout to music using both shallow and deep water. Repeatable once for a maximum of 2 credits.

PEAQ122. Water Fitness II. 1 Credit.
Repeatable. Principles of effective water-based conditioning. Cardio respiratory fitness and strength building workout. An effective workout to music using both shallow and deep water. Repeatable once for a maximum of 2 credits.

PEAQ199. Special Studies: [Topic]. 1-2 Credits.
Repeatable.

PEAQ201. Swimming I. 1 Credit.
Repeatable. A beginning swim course for those who need to learn breathing and fundamental stroke work in freestyle and backstroke. Must be able to swim one length of the pool and be comfortable in deep water. Repeatable once for a maximum of 2 credits.

PEAQ202. Swimming II. 1 Credit.
Repeatable. An intermediate-level swim course for those who want to master freestyle and breathing; improve technique in backstroke, breaststroke, and butterfly; and improve stroke efficiency and endurance. Repeatable once for a maximum of 2 credits.

PEAQ203. Swimming III. 1 Credit.
Repeatable. An advanced-level swim course emphasizing endurance, sprint, and stroke work. Must be proficient in all four strokes: butterfly, backstroke, breaststroke, and freestyle. Repeatable once for a maximum of 2 credits.

PEAQ301. Triathlon Swimming. 1 Credit.
Repeatable. Learn to swim more efficiently and effortlessly while conserving energy for the bike and run. Freestyle technique and endurance is emphasized. Repeatable once for credit.

PEAQ303. Swim and Run. 2 Credits.
Repeatable. Increasing cardio fitness on land and in the water; improving swim strokes, running form, and power; and learning principles of cross training. Sequence with PEAQ 301, 305. Repeatable once for a maximum of 4 credits.

PEAQ305. Triathlon. 2 Credits.
Repeatable. Learn to manage your competitive training while improving techniques in swimming, running and biking. Repeatable once for credit.
Prereq: Beginning swim, run and biking experience.

PEAQ320. Swim and Core. 2 Credits.
Repeatable. Swimmers use core conditioning work to improve their performance in the water. Two swim and two core sessions per week. Repeatable once for a maximum of 4 credits.

PEAQ351. Lifeguard Certification. 1 Credit.
Repeatable. StarGuard Lifeguard, First Aid and CPR for the Professional Rescuer certification course. Repeatable once for a maximum of 2 credits.
Prereq: Pass swimming test.

PEAQ399. Special Studies: [Topic]. 1-2 Credits.
Repeatable.

Courses

PEC199. Special Studies: [Topic]. 1-5 Credits.
Repeatable.

PEC399. Special Studies: [Topic]. 1-5 Credits.
Repeatable.

PEC408. Workshop: [Topic]. 1-5 Credits.
Repeatable.

Courses

PEF111. Stretch and Flex I. 1 Credit.
Repeatable. Emphasis is on increasing individual levels of flexibility, muscular endurance, and relaxation techniques. Repeatable once for a maximum of 2 credits.

PEF131. Body Sculpting I. 1 Credit.
Repeatable. Emphasizes muscular endurance training for the upper body, lower body, and abdominals. Dumbbells, soft weights, tubing, steps, small medicine balls, and body resistance challenge every major muscle group in the body. Repeatable once for maximum of 2 credits.

PEF132. Body Sculpting II. 1 Credit.
Repeatable. Intermediate level emphasis on muscular endurance training for the upper body, lower body, and abdominals. Dumbbells, soft weights, tubing, steps, small medicine balls, and body resistance challenge every major muscle group in the body. Repeatable once for maximum of 2 credits.
Prereq: PEF 131 or equivalent.

PEF199. Special Studies: [Topic]. 1-5 Credits.
Repeatable.

PEF201. Pilates Matwork I. 1 Credit.
Repeatable. The physiological and biochemical basis of the Stott Pilates method. Students perform essential matwork exercises using the five basic principles of Pilates exercise to lengthen and strengthen the entire body. Repeatable once for a maximum of 2 credits.

PEF205. Pilates Yoga Fusion. 1 Credit.
Repeatable. This course combines Pilates and Yoga techniques to improve balance and flexibility while building a strong muscular core. Repeatable once for credit.

PEF207. Fitness Yoga. 1 Credit.
Incorporates fitness moves with traditional yoga postures in a flowing format. Use of breath and principles of alignment to condition strength, core, balance, and flexibility, along with focus, concentration, and relaxation. Repeatable once for a maximum of 2 credits.

PEF221. Cross Fit I. 1 Credit.
Introduction to highly functional cross-training movements, constantly varied and performed with intensity. Strength, endurance, power, and agility are built in a supportive, team-oriented environment. Sequence with PEF 222. PE activity courses are repeatable once for credit.

PEF222. Cross Fit II. 1 Credit.
Intermediate and advanced dynamic exercises and training progressions. Technique, strength, endurance, power and agility are enhanced. Sequence with PEF 221. PE activity courses are repeatable once for credit.
Pre-requisite: PEF 221 or equivalent experience.

PEF241. Group Cycling I. 1 Credit.
Repeatable. A high intensity workout on a specialized stationary cycle (Startrac V-bike). Designed for beginning to intermediate fitness levels, students exercise to music using a variety of riding techniques. Equipment care, muscular activation and endurance, and cardorespiratory fitness, are covered. Repeatable once for a maximum of 2 credits.

PEF251. Fitness Kickboxing. 1 Credit.
Repeatable. Practice jabs, punches, footwork, and kick patterns adapted from martial arts for the aerobics participant. Features a warm-up, more than 30 minutes of skills training and combinations, a cool-down, and stretching. Repeatable once for a maximum of 2 credits.

PEF261. Cardio Fusion. 1 Credit.
A fusion of aerobic dance, martial arts, and yoga movements, this course focuses on improving strength, cardiovascular fitness, and neuromuscular coordination. Repeatable. All PE activity classes are repeatable once for credit.

PEF291. Speed and Agility. 1 Credit.
Topics include techniques for acquiring speed, agility, and conditioning; learning movement skills and applying energy systems. Minimal lectures complement practical application of drills. Repeatable once for maximum of 2 credits per activity.

PEF301. Core and Stretch. 1 Credit.
Gain physical strength, flexibility, and muscular endurance while learning about physiology and anatomy. Develop personalized training program. Repeatable once for maximum of 2 credits.

PEF311. Boot Camp. 1 Credit.
Repeatable. Sport conditioning drills, running, resistance training, and dynamic core work to improve cardiovascular fitness, muscular endurance, agility, and flexibility. For students with a good base of physical fitness. Repeatable repeatable once for credit.

PEF321. Latin Fusion. 1 Credit.
Repeatable. Fitness and dance moves to Latin rhythm and music: salsa, meringue, cumbia, and others. Simple enough for beginners yet can challenge the fitness of advanced exercisers. Repeatable once for credit.

PEF326. Fitness Dance. 1 Credit.
Cardiovascular workout, dance moves and routines to Top Forty hits, music videos, and hip-hop. Typical class features warm-up, 30 minutes of dance, and cool-down. Repeatable once for credit.

PEF340. Personal Trainer. 1-2 Credits.
Lecture and lab experiences for administering fitness assessments in individual and group settings. Prepares the student for the American Council on Exercise Personal Trainer Certification Exam.

PEF342. Grp Fit Instructor Trn. 3 Credits.

PEF344. Healthy Weight Loss. 2 Credits.
For students in need of weight management guidance who are motivated to use a lifestyle approach (nutrition, exercise, stress management) to lose a moderate amount of weight.

PEF345. Nutrition and Performance. 3 Credits.
Explores the influence of nutrition on athletic performance and health. Includes body composition assessment, nutritional analysis, and personal dietary and training behaviors. Risks and benefits of nutritional supplements.

PEF399. Special Studies: [Topic]. 1-5 Credits.
Repeatable.

PEF408. Workshop: [Topic]. 1-5 Credits.
Repeatable.

Courses

PEI199. Special Studies: [Topic]. 1-2 Credits.
Repeatable.

PEI201. Juggling I. 1 Credit.
Repeatable. Introduces and develops juggling skills with balls, rings, clubs and other props. Emphasis on creative exploration, relaxation and fun. Repeatable once for a maximum of 2 credits.

PEI202. Juggling II. 1 Credit.
Repeatable. Advanced development of juggling skills with balls, rings, clubs and other props. Visual independence and imagination, relaxation and breath awareness. Repeatable once for a maximum of 2 credits.
Prereq: PEI 201 or equivalent.

PEI241. Golf I. 1 Credit.
Repeatable. Introduction to the game. The majority of class time is at the driving range learning swing techniques for distance, pitching, chipping and putting, rules, etiquette, and golf vocabulary. Includes 4 free rounds of play during the term. Students must provide their own transportation. Repeatable once for a maximum of 2 credits.

PEI242. Golf II. 1 Credit.
Repeatable. For the experienced golfer who wants to refine their skills. Includes review of swing techniques for all situations, rules, etiquette, and golf vocabulary. Includes 4 free rounds of play during the term. Students must provide their own transportation. Repeatable once for a maximum of 2 credits.
Prereq: PEI 241 or equivalent.

PEI243. Golf III. 1 Credit.
Repeatable. Emphasis on course play for the advanced golfer to hone basic skills. Includes time on the driving range and putting green. Students must provide their own transportation. Repeatable once for a maximum of 2 credits.
Prereq: PEI 242 or equivalent.

PEI244. Golf Swing Exercise. 1 Credit.
Improve your golf swing in the off-season via swing specific exercises. Sequence with Golf I, Golf II, Golf III. All PE activity classes are repeatable once for credit.
Prereq: PEI 243 or equivalent.

PEI399. Special Studies: [Topic]. 1-2 Credits.
Repeatable.

Courses

PEIA199. Special Studies: [Topic]. 1-2 Credits.
Repeatable.

PEIA301. Lacrosse. 1 Credit.
Repeatable once for a maximum of 2 credits.

PEIA305. Acrobatics and Tumbling. 1 Credit.
Repeatable. Varsity athletes may earn a PE credit for their team workouts during their competitive season. All PE activity courses are repeatable once for credit.
Prereq: Must be a varsity team member.

PEIA311. Women's Golf. 1 Credit.
Repeatable once for a maximum of 2 credits.

PEIA312. Men's Golf. 1 Credit.
Repeatable once for a maximum of 2 credits.

PEIA317. Women's Tennis. 1 Credit.
Repeatable once for a maximum of 2 credits.

PEIA318. Men's Tennis. 1 Credit.
Repeatable once for a maximum of 2 credits.

PEIA323. Women's Cross-Country. 1 Credit.
Repeatable once for a maximum of 2 credits.

PEIA324. Men's Cross-Country. 1 Credit.
Repeatable once for a maximum of 2 credits.

PEIA329. Women's Track. 1 Credit.
Repeatable once for a maximum of 2 credits.

PEIA330. Men's Track. 1 Credit.
Repeatable once for a maximum of 2 credits.

PEIA341. Softball. 1 Credit.
Repeatable once for a maximum of 2 credits.

PEIA342. Baseball. 1 Credit.
Repeatable. Varsity athletes may earn a PE credit for their team workouts during their competitive season. All PE activity courses are repeatable once for credit.
Prereq: Must be a varsity team member.

PEIA346. Sand Volleyball. 1 Credit.
Repeatable once for maximum of 2 credits.
Prereq: varsity athletes only.

PEIA347. Volleyball. 1 Credit.
Repeatable once for a maximum of 2 credits.

PEIA350. Soccer. 1 Credit.
Repeatable once for a maximum of 2 credits.

PEIA353. Women's Basketball. 1 Credit.
Repeatable once for a maximum of 2 credits.

PEIA354. Men's Basketball. 1 Credit.
Repeatable once for a maximum of 2 credits.

PEIA360. Football. 1 Credit.
Repeatable once for a maximum of 2 credits.

PEIA371. Sport Conditioning I. 1 Credit.
Repeatable. A strength and conditioning training opportunity for varsity and club sport student-athletes. Sequence with PEIA 372, 373. All PE activity courses are repeatable once for credit.

PEIA372. Sport Conditioning II. 1 Credit.
Repeatable. A strength and conditioning training experience for varsity and club sports student-athletes. Sequence with PEIA 371, 373. All PE activity classes are repeatable once for credit.

PEIA373. Sport Conditioning III. 1 Credit.
A strength and conditioning training experience for varsity and club sport student-athletes. Sequence with PEIA 371, 372. All PE activity courses are repeatable once for credit.

PEIA399. Special Studies: [Topic]. 1-2 Credits.
Repeatable.

Courses

PEL199. Special Studies: [Topic]. 1-5 Credits.
Repeatable.

PEL310. Coaching. 2 Credits.
Addresses all aspects of coaching from kindergarten through college. Topics include philosophy, objectives and outcomes, communication styles, writing workouts, discipline, and age-appropriate skills, drills and strategies. Sequence with PEL 409 is possible with successful completion of the course.

PEL399. Special Studies: [Topic]. 1-5 Credits.
Repeatable.

PEL408. Workshop: [Topic]. 1-5 Credits.
Repeatable. Professional topics in physical education.

PEL409. Practicum: [Topic]. 1-4 Credits.
Repeatable. Practical experiences in equipment and facilities management service, outdoor pursuits, recreation and intramurals, and physical education. Repeatable six times for a maximum of 6 credits.

Courses

PEMA115. Self-Defense. 1 Credit.
Repeatable. Fundamental concepts of self defense. Mental and physical strategies, awareness and reaction training. Class theme is prevention, covering the "Three As": Awareness, Assessment, Action. Repeatable once for a maximum of 2 credits.

PEMA116. Women's Self Defense. 1-2 Credits.
Repeatable. Basic strategies and techniques with specific attention to escaping dangerous situations and creating an advantage when thrown to the ground. All PE courses are repeatable once for credit.

PEMA131. Combatives. 1 Credit.
Explores self-defense combining strategies and techniques from muay thai, mixed martial arts, and Gracie jiu-jitsu. Learning focuses on how an attack occurs and how to react and defend yourself. PE activity courses are repeatable once for credit.

PEMA199. Special Studies: [Topic]. 1-2 Credits.
Repeatable.

PEMA221. Karate I. 1 Credit.
Repeatable. Basic principles of Kihon: mental, stance, posture, eye position, power, body movement, focus, breathing. Learn effective training methods, basic body dynamics, and the body powers of rotation, vibration, and stepping/shifting. Repeatable once for a maximum of 2 credits.

PEMA222. Karate II. 1 Credit.
Repeatable. Continuing study of body dynamics, physically developing coordination and strength movements. Improve flexibility, endurance, and coordination with an emphasis on awareness in relationship to two attackers at once. Repeatable once for a maximum of 2 credits.
Prereq: PEMA 221 or equivalent.

PEMA223. Karate III. 1 Credit.
Repeatable. Internal body compression and correct breathing, adding complex combinations, speed,reaction time, and distance when punching, blocking and kicking. Repeatable once for a maximum of 2 credits.
Prereq: PEMA 222 or equivalent.

PEMA241. Judo I. 1 Credit.
Repeatable. Introduction to judo techniques of falling, throwing and grappling to aid in self defense. Improve strength, agility and aerobic capacity. Fundamental rules, scoring, and etiquette. Repeatable once for a maximum of 2 credits.

PEMA242. Judo II. 1 Credit.
Repeatable. Basic etiquette in practice and competition. Combination throwing skills. Repeatable once for a maximum of 2 credits.
Prereq: PEMA 241 or equivalent.

PEMA251. Tae Kwon Do I. 1 Credit.
Repeatable. Introduction to the Korean martial art of self defense. Bare hand combat using kicking, punching and striking. Fundamental concepts, cultural understanding, and cardiovascular endurance. Teaches self discipline, respect for others, and strength of character. Repeatable once for a maximum of 2 credits.

PEMA252. Tae Kwon Do II. 1 Credit.
Repeatable. Advanced skills, etiquette, and terminology. Blocking, punching and kicking combinations and techniques. Repeatable once for a maximum of 2 credits.
Prereq: PEMA 251 or equivalent.

PEMA255. Kickboxing. 1 Credit.
Repeatable. This dynamic martial art includes punching and kicking skills, techniques and the rules of competitive kickboxing. Develops balance, flexibility and strength. All PE courses are repeatable once for credit.

PEMA311. Jeet Kune Do I. 1 Credit.
Repeatable. Basic concepts of Jeet Kune Do and the Filipino Martial Arts. Basic movements, including strikes, kicks, grapping, and defensive weaponry. Develop individualized training methods. Repeatable once for a maximum of 2 credits.

PEMA312. Jeet Kune Do II. 1 Credit.
Repeatable. Intermediate concepts of Jeet Kune Do and the Filipino Martial Arts. Demonstrate movements, immobilization techniques, and practical self defense skills. Repeatable once for a maximum of 2 credits.
Prereq: PEMA 311 or equivalent.

PEMA321. Jiu-Jitsu I. 1 Credit.
Repeatable. Introduction to concepts of Brazilian Jiu-Jitsu. Combative activity incorporating throwing, falling, grappline, holds, and safe positioning. Development of practical self-defense knowledge and skills. Repeatable once for a maximum of 2 credits.

PEMA322. Jiu-Jitsu II. 1 Credit.
Repeatable. Basic and intermediate motions of Brazilian Jiu-Jitsu. History, rules and scoring system for sport, escape movements, submission holds. Repeatable once for a maximum of 2 credits.
Prereq: PEMA 321 or equivalent.

PEMA331. Mixed Martial Arts I. 1 Credit.
Introductory techniques from boxing, wrestling, jiu-jitsu and muay thai. Rules and scoring system of competitive mixed martial arts. Sequence with PEMA 332. PE activity courses are repeatable once for credit.

PEMA332. Mixed Martial Arts II. 1 Credit.
Intermediate techniques; building on skills learned in PEMA 331. Develops strategy, game-plan skills, training methods; increases physical strength and skills. Sequence with PEMA 331. PE activity courses are repeatable once for credit.

PEMA399. Special Studies: [Topic]. 1-2 Credits.
Repeatable.

Courses

PEMB101. Meditation I. 1 Credit.
Repeatable. Fundamentals of body alignment, breathing, mental focus, and relaxation. Philosophy of yoga as it applies to the different styles and methods of meditation, the nature of thought, awareness, and management of thought processes. Repeatable once for a maximum of 2 credits.

PEMB108. Kundalini Meditation. 1 Credit.
Repeatable. Fundamentals of using the body, breath, and mind to focus attention. Concepts of mantra (sound), mudra (form), and timing to achieve meditative states. Purification of the mind, self awareness, and energy. Repeatable once for a maximum of 2 credits.

PEMB131. Tai Chi I. 1 Credit.
Repeatable. Fundamentals of Tai Chi, a traditional centuries old Chinese art. Yang-style short form emphasizes relaxation, balancing and breathing skills. Individual dance-like movements linked together in a continuous and smooth-flowing sequence to release stress and improve flexibility. Repeatable once for a maximum of 2 credits.

PEMB132. Tai Chi II. 1 Credit.
Repeatable. Intermediate concepts of both Yang and Chen styles of Tai Chi. Use of body strength, flexibility, and mental control skills. Coordination of eyes, movement, breathing, and internal energy. Repeatable once for a maximum of 2 credits.
Prereq: PEMB 131 or equivalent.

PEMB199. Special Studies: [Topic]. 1-2 Credits.
Repeatable.

PEMB201. Gentle Yoga. 1 Credit.
Repeatable. Beginning hatha yoga postures to reduce stress, discomfort or pain. Techniques for relaxation and mental focus, breathing patterns, and personal energy. Modify positions to accommodate injury or physical limitations. Increase strength, body alignment, comfort, balance, and flexibility. Repeatable once for a maximum of 2 credits.

PEMB211. Hatha Yoga I. 1-2 Credits.
Repeatable. Beginning hatha yoga postures and meditation techniques. Increase strength, balance and flexibility. Improve mental concentration and relaxation with yoga poses and breathing awareness. Relieve tension and fatigue. Repeatable once for a maximum of 2 credits.

PEMB212. Hatha Yoga II. 1-2 Credits.
Repeatable. Intermediate hatha yoga poses and meditation techniques to improve mental concentration and relaxation. Breathing awareness exercises, mind and body flexibility. Repeatable once for a maximum of 2 credits.
Prereq: PEMB 211 or equivalent.

PEMB213. Hatha Yoga III. 1-2 Credits.

PEMB216. Vinyasa Flow Yoga. 1 Credit.
Repeatable. Based on a specialized and dynamic sequence of postures and focused breathing techniques. Participation aids in development of postural strength, stability, and muscular flexibility. All PE activity courses are repeatable once for credit.

PEMB221. Sports Yoga I. 1 Credit.
Repeatable. Covers important yogic concepts and practices for athletes. Improve your flexibility and strength as you learn yoga techniques, practice, and philosophy. Sequence with PEMB 222. Repeatable once for credit.

PEMB222. Sports Yoga II. 1 Credit.
Covers advanced yogic concepts and practices for athletes. Improve your flexibility and strength as you learn yoga techniques, practice, and philosophy. Sequence with PEMB 221. Repeatable once for credit.
Prereq: PEMB 221.

PEMB231. Kundalini Yoga I. 1 Credit.
Repeatable. Introduction to the 'Yoga of Awareness', a science that includes breath, postures, sound, chanting and meditation. Improve flow of energy and consciousness with practice exercises. Repeatable once for a maximum of 2 credits.

PEMB232. Kundalini Yoga II. 1 Credit.
Repeatable. Continuing work with breath, postures, sound, chanting and meditation. Relaxation, improved health and concentration, increased energy, flexibiity, and clarity of mind. Repeatable once for a maximum of 2 credits.
Prereq: PEMB 231 or equivalent.

PEMB302. Ashtanga Yoga. 2 Credits.
Repeatable. Advanced techniques of yoga using breath, movement, focus of eyes, and mastery of the mind. Learn control of the senses and stamina. Repeatable once for a maximum of 4 credits.
Prereq: PEMB 211 or equivalent.

PEMB399. Special Studies: [Topic]. 1-2 Credits.
Repeatable.

Courses

PEO199. Special Studies: [Topic]. 1-2 Credits.
Repeatable.

PEO242. Bouldering I. 1 Credit.
Techniques for rock climbing without the security of a rope. Emphasis is on safety, skill development and conditioning.

PEO251. Rock Climbing I. 1 Credit.
Repeatable. Basics of safe and responsible rock climbing. Equipment, knots, belaying, rappelling and a range of other climbing techniques. Conducted on the indoor rock climbing wall. Repeatable once for a maximum of 2 credits.

PEO252. Rock-Climbing Fitness. 1 Credit.
Repeatable. Continued development of basic climbing skills, with emphasis on improving flexibility and injury prevention. Refine face and crack climbing techniques. Conducted on the indoor climbing wall. Repeatable once for a maximum of 2 credits.
Prereq: PEO 251 or equivalent.

PEO285. Wilderness Survival. 1 Credit.
Repeatable. Our gateway course must be passed (C- or better) prior to participating in our backcountry-oriented courses. Emphasizes navigation, safety and survival. Repeatable once for a maximum of 2 credits.

PEO288. Mountaineering Preparation. 1 Credit.
Repeatable. Content includes planning, safety, hazards, knots, rope work, and rigging, and prepares students for the three-day outing to the Oregon Cascades. Repeatable once for a maximum of 2 credits.
Prereq: PEO 285, 351 or equivalent; coreq: PEO 361.

PEO315. Basics of Technical Rescue. 1 Credit.
Repeatable. Basic technical rescue skills: knots, rope management, belaying, rappelling, transporting an injured climber, lowering, raising and improvised rescue techniques. All PE courses are repeatable once for credit.
Prereq: PEO 251 or equiv experience.

PEO325. Swif-Water Safety. 1 Credit.
Repeatable. Covers methods of crossing shallow and deep swift-water streams. Includes hazard assessment, swimming techniques, knots, rope work, technical systems, pendulum and Tyrolean traverse crossings. All PE courses are repeatable once for credit.
Prereq: PEO 285 and basic swimming ability.

PEO331. Outdoor Rock Climbing. 2 Credits.
Repeatable. Introduction to anchor building, basic rescue techniques, and outdoor climbing in the context of classroom sessions and a 3-day outing to Smith Rock. Sequence: PEO 251 or equiv experience. All PE courses are repeatable once for credit.
Prereq: PEO 251 or equiv experience.

PEO341. Introduction to Lead Climbing. 1-2 Credits.
Repeatable. Emphasizes traditional lead climbing techniques at a local climbing area and leading on bolts at the indoor climbing wall. Reinforces anchor building and rescue systems. Repeatable once for a maximum of 4 credits.
Prereq: PEO 366

PEO343. Sport Climbing. 1 Credit.
Covers lead climbing in a gym setting. Emphasis on clipping bolts, managing rope, belaying a leader, containing falls, configuring anchors, and managing anchor transitions. Repeatable once for a maximum of 2 credits.
Prereq: PEO 331 or equivalent.

PEO346. Route Setting. 1 Credit.
Covers setting routes on an indoor climbing wall. Topics include designing routes, selecting and sequencing holds, taping protocols, and rigging techniques. Repeatable once for a maximum of 2 credits.
Prereq: PEO 251 or equivalent.

PEO351. Backpacking. 2 Credits.
Repeatable. For those with little or no backpacking experience. Introduces the basics of backpacking in the context of classroom sessions and a three-day outing to the Oregon Coast. Repeatable once for a maximum of 4 credits.
Prereq: PEO 285

PEO353. Backcountry Cuisine. 1 Credit.
Students learn how to plan menus, package food, and implement “leave no trace” cooking and baking techniques utilizing backcountry stoves and cooking systems. Repeatable once for a maximum of 2 credits.
Prereq: PEO 285.

PEO356. Backcountry Navigation. 2 Credits.
Repeatable. Provides an opportunity to master efficient on- and off-trail navigation techniques on a three-day trip in rugged subalpine terrain. Repeatable once for a maximum of 4 credits.
Prereq: PEO 285 and 351 or equivalent experience.

PEO361. Mountaineering Outing I. 1 Credit.
Repeatable. Self arrests and ice axe techniques, rope work and rigging, belaying, anchor building and basic rescue techniques are introduced in the context of a three-day outing. Repeatable once for a maximum of 2 credits.
Prereq: PEO 285; pre or coreq: 288 and 351 or equivalent experience.

PEO366. Veritcal Rescue Techniques. 2 Credits.
Repeatable. Introduces vertical rescue techniques including belay escapes, passing a knot, rope ascension, counterbalance, lowering and raising rescues. Held at the rescue facility and rock wall. Repeatable once for a maximum of 4 credits.
Prereq: PEO 315 or 331 or equivalent experience

PEO371. Snow Camping. 2 Credits.
Repeatable. Emphasis on winter camping skills, campsite selection, construction of snow shelters, winter route finding, and survival techniques. Repeatable once for a maximum of 4 credits.
Prereq: PEO 285 and 351 or equivalent experience.

PEO391. Avalanche Safety. 2 Credits.
Repeatable. Avalanche safety information and skills including beacons, snowpits, stability evaluation, safe travel and basic rescue during classes and on a three-day outing. Repeatable once for a maximum of 4 credits.
Prereq: PEO 285 and 371 or equivalent experience

PEO392. Backcountry Survival. 1 Credit.
Repeatable. Basic survival skills for cool, wet, and windy Pacific Northwest environment. Topics/techniques include survival gear and techniques, emergency shelters, and fire building. Repeatable once for a maximum of 2 credits.
Prereq: PEO 285 and 351 or equivalent experience

PEO399. Special Studies: [Topic]. 1-2 Credits.
Repeatable.

PEO411. Leadership Dynamics. 2 Credits.
Discover how leadership, group dynamics, risk management, and other factors play an integral role in shaping the character, productivity, and safety of teams.
Prereq: PEO 285.

PEO412. Leading in Nature. 2 Credits.
Focuses on the natural history of the regions explored on field outings and on developing outdoor teaching skills.
Prereq: PEO 285.

PEO413. Field Leadership. 2 Credits.
Focuses on campcraft, field leadership, navigation, and safety skills. Includes a three-day outing and van driver training.
Prereq: PEO 285, PEO 351 or equivalent experience.

PEO451. Adventure Education. 3 Credits.
Examines factors and variables that help students become more effective leaders and team members. Students discover how group dynamics, communication, and other factors play an integral role in shaping the personality and character of teams.

PEO453. Environmental Education. 3 Credits.
Introduces students to the natural history of the region in class sessions and on field trips to forest and oak savanna ecosystems.

PEO455. Principles of Outdoor Leadership. 3 Credits.
Preparation for leading safe and environmentally responsible outdoor pursuits courses. Topics include field leadership, risk management, and emergency procedures.
Prereq: PEO 285 and 351 or equivalent experience.

Courses

PERS199. Special Studies: [Topic]. 1-2 Credits.
Repeatable.

PERS211. Table Tennis I. 1 Credit.
Repeatable. Introduction to table tennis, including rules, scoring, and etiquette. Service, strokes, and game strategy. Repeatable once for a maximum of 2 credits.

PERS212. Table Tennis II. 1 Credit.
Repeatable. Intermediate game strategies and skills. Repeatable once for a maximum of 2 credits.
Prereq: PERS 211 or equivalent.

PERS231. Badminton I. 1 Credit.
Repeatable. Basic strokes, court positioning and strategies. Introduction to equipment, rules, scoring, and etiquette. Repeatable once for a maximum of 2 credits.

PERS232. Badminton II. 1 Credit.
Repeatable. Intermediate shots, postioning and strategy through drills, match play, and class tournaments. Repeatable once for a maximum of 2 credits.
Prereq: PERS 231 or equivalent.

PERS271. Tennis I. 1 Credit.
Repeatable. Introduction to basic strokes, the serve, basic strategy, and beginning level positioning. Rules, scoring and etiquette will also be taught. Repeatable once for a maximum of 2 credits.

PERS272. Tennis II. 1 Credit.
Repeatable. Refinement of basic strokes and introduction to advanced strokes and positioning. Drills, game play, and a class tournament. Repeatable once for a maximum of 2 credits.
Prereq: PERS 271 or equivalent.

PERS273. Tennis III. 1 Credit.
Repeatable. Advanced level singles and doubles positioning, strategies and skills. Repeatable once for a maximum of 2 credits.
Prereq: PERS 272 or equivalent.

PERS399. Special Studies: [Topic]. 1-2 Credits.
Repeatable.

Courses

PERU101. Fitness Walking. 1 Credit.
Repeatable. Learn proper walking form, increase cardio endurance, and acquire knowledge to organize workout programs. Students experience various walking routes in the campus area. Repeatable once for maximum of 2 credits per activity.

PERU131. Jog-Run. 1 Credit.
Repeatable. Instruction in running mechnics including intervals and pacing. Various running surfaces and courses, injury prevention, and cardiovascular endurance are emphasized. Repeatable once for a maximum of 2 credits.

PERU199. Special Studies: [Topic]. 1-2 Credits.
Repeatable.

PERU331. 5K Training I. 1-2 Credits.
Repeatable. Techniques for increasing speed and preparation for road racing. Repeatable once for maximum of 2 credits per activity.
Prereq: PERU 131 or equivalent.

PERU332. 5K Training II. 1-2 Credits.
Repeatable. Increased mileage and speedwork for runners wanting to improve road race results. Repeatable once for maximum of 2 credits per activity.
Prereq: PERU 331 or equivalent.

PERU341. 10K Training. 2 Credits.
Repeatable. Designed for the more experienced runner who wants base building, longer runs, longer speed workouts and to learn stategies for longer races. Repeatable once for a maximum of 4 credits.
Prereq: PERU 332 or equivalent.

PERU399. Special Studies: [Topic]. 1-2 Credits.
Repeatable.

Courses

PETS101. Bocce Ball. 1 Credit.
Learn pointing, blocking, spocking; offensive and defensive strategies; scoring, safety, rules, and etiquette that combine for a fun environment for learning this ancient game.

PETS111. Flag Football. 1 Credit.
Throwing, catching, running, cutting, pulling flags; strategies and techniques; offense, defense, game rules, and ground rules that create a safe and fun playing experience.

PETS199. Special Studies: [Topic]. 1-2 Credits.
Repeatable.

PETS232. Volleyball II. 1 Credit.
Repeatable. Designed for students with previous volleyball experience and want to continue play. Skill-building, rules, offensive and defensive strategies. Repeatable once for a maximum of 2 credits.
Prereq: beginning volleyball experience.

PETS233. Volleyball III. 1 Credit.
Repeatable. Advanced play in a friendly atmosphere. Skills, drills, big hits, occasional blocks, aces. Repeatable once for a maximum of 2 credits.
Prereq: PETS 232 or equivalent.

PETS242. Basketball II. 1 Credit.
Repeatable. Designed for students with previous basketball experience and want to continue play. Shooting, ball handling, defense, give go, and the back door. Repeatable once for a maximum of 2 credits.
Prereq: beginning basketball experience.

PETS243. Basketball III. 1 Credit.
Repeatable. Advanced play, including offenses, defenses, drills, and full-court action. Repeatable once for a maximum of 2 credits.
Prereq: PETS 242 or equivalent.

PETS252. Ultimate Frisbee I. 1 Credit.
Repeatable. Introduction to basic skills, including throws, catches, moves, strategies, and rules. Sequence with PETS 253, 254. Repeatable once for a maximum of 2 credits.

PETS253. Ultimate Frisbee II. 1 Credit.
Repeatable. Intermediate and advanced play and skill development. Sequence with PETS 252, 254. Repeatable once for a maximum of 2 credits.
Prereq: PETS 252 or equivalent.

PETS254. Ultimate Frisbee III. 1 Credit.
Advanced level; includes skill review, creating offenses and defenses, learning advanced skills, and the application of self-officiating. Sequence with PETS 252, 253. Repeatable once for a maximum of 2 credits.

PETS261. Soccer I. 1 Credit.
Repeatable. Introduction to the basic skills of passing, dribbling, heading, tackling, and shielding. Game strategies and rules are taught through drills and team play. Repeatable once for a maximum of 2 credits.

PETS262. Soccer II. 1 Credit.
Repeatable. Develop proficiency in soccer skills through drills and games. Group and team tactics as well as official soccer rules. Repeatable once for a maximum of 2 credits.
Prereq: PETS 261 or equivalent.

PETS263. Soccer III. 1 Credit.
Repeatable. Advanced techniques, principles of attack and defense, and kicks--corner, free, and penalty. Repeatable once for a maximum of 2 credits.
Prereq: PETS 262 or equivalent.

PETS265. Indoor Soccer II. 1 Credit.
Repeatable. Intermediate and advanced play, using the walls of a court as an additional dimension to play. Repeatable once for a maximum of 2 credits.
Prereq: beginning soccer experience.

PETS399. Special Studies: [Topic]. 1-2 Credits.
Repeatable.

Courses

PEW199. Special Studies: [Topic]. 1-2 Credits.
Repeatable.

PEW211. Weight Training I. 1 Credit.
Repeatable. Technique for basic lifts in a variety of workout formats. Develop strength and muscular endurance. Weight training principles and physical fitness evaluation. Repeatable once for a maximum of 2 credits.

PEW212. Weight Training II. 1 Credit.
Repeatable. Advanced weight training exercises are introduced. Students can expect to work more independently. Intermediate program design, exercise science, and evaluation of strength and muscular endurance. Repeatable once for a maximum of 2 credits.
Prereq: PEW 211 or equivalent.

PEW399. Special Studies: [Topic]. 1-2 Credits.
Repeatable.

Student Services

Robin H. Holmes, Vice President for Student Life
Paul Shang, Assistant Vice President for Student Life and Dean of Students

Administrative units at the University of Oregon provide a network of student services that support success in the classroom and challenge students to develop as individuals through an array of cocurricular experiences.

Emergencies

Many support services, including the Office of the Dean of Students (541-346-3216), the University Health Center (541-346-2770), and the University Counseling and Testing Center (541-346-3227) provide emergency aid to students during regular office hours—8:00 a.m. to 5:00 p.m., Monday through Friday.

The UniversityCounseling and Testing Center offers a crisis line staffed at all hours by mental health professionals, and the University Health Center offers a health nurse advice line when the center is closed (541-346-2770, then press 1). In addition, a 24-hour, round-the-clock crisis line is available for those seeking support after experiencing sexual violence (541-346-7233).

In case of any other emergency, dial 9-1-1 or call the UO Police Department (541-346-2919).

Affirmative Action and Equal Opportunity

Penelope Daugherty, Director and Title IX Officer
541-346-3123
541-346-4168 fax
677 E. 12th Ave., Suite 452
aaeo.uoregon.edu

The University of Oregon affirms and actively promotes the right of all individuals to equal opportunity in education and employment at this institution without regard to race, color, sex, national origin, age, religion, marital status, disability, veteran status, sexual orientation, gender identity, gender expression, or any other extraneous consideration not directly and substantively related to effective performance. This policy implements all applicable federal, state, and local laws, regulations, and executive orders. Staff members of the Office of Affirmative Action and Equal Opportunity are available to answer any questions about this policy and to assist members of the university community who believe they may have been treated in a manner inconsistent with this policy.

ASUO

Associated Students of the University of Oregon

541-346-3724
Erb Memorial Union, Suite 4
uoregon.orgsync.com/org/associatedstudentsofuo (http://uoregon.orgsync.com/org/associatedstudentsofuo)

The Associated Students of the University of Oregon (ASUO) is the recognized representative organization of students at the university. Its network of committees, activities, and programs serves student needs and interests. The ASUO gives students the opportunity to plan and direct their own programs, to become involved in many aspects of university life, and to influence the decisions that affect the quality of education and student life at the university. Students who pay incidental fees are members of the ASUO.

Organization

The ASUO comprises three branches of student government—the ASUO Executive, the Constitution Court, and the Student Senate. Funding committees include the Programs Finance Committee (PFC), the Athletic and Contracts Finance Committee (ACFC), the Department Finance Committee (DFC), and the Erb Memorial Union Board (EMU Board).

Members of the senate and certain members of the PFC, ACFC, DFC, and EMU Board are elected. The remaining members of these bodies and the Constitution Court justices are appointed. Together these bodies provide governance, leadership, and representation for students.

ASUO Executive

The ASUO Executive comprises an elected president and vice president and hired staff members. The executive works on a variety of campaigns, projects, and events throughout the year.

The ASUO Executive office offers many opportunities for students to participate in programs, student government, and other aspects of university life. As the recognized voice of UO students, the ASUO administers more than 160 programs funded by incidental fees and more than twenty programs without such funding. A list of these programs can be found on the ASUO website.

Students also may get involved in student government by applying to the ASUO's internship program. They intern with the ASUO Executive or the Student Senate and receive academic credit. For more information, e-mail the chief of staff: asuocos@uoregon.edu.

Students also may apply for any of the eighty positions on twenty-six faculty-student committees. Those who are interested in sitting on one of these committees should request a list from the university liaison: asuouniv@uoregon.edu.

Student Senate

The twenty members of the ASUO Student Senate represent the constituent interests of students and act on matters related to the allocation and appropriation of incidental fees. The incidental fee is a self-imposed fee by which students finance activities and programs. Reflecting its two functions, ten members of the Student Senate are elected by majority to represent academic departments, and ten are elected to serve on finance committees.

The ASUO Programs Finance Committee, the ASUO Athletic and Contracts Finance Committee, the Department Finance Committee, and the Erb Memorial Union Board individually develop budget recommendations for submission to the Student Senate every year during winter term. The Student Senate then votes to approve or deny these budget recommendations and forwards the final fee recommendation to the ASUO Executive. Once the budget has been approved, it is sent to the president of the University of Oregon. The final

incidental fee budget is approved by the University of Oregon Board of Trustees.

The Student Senate also hears special requests throughout the year on the use of surplus or overrealized funds. Six student senators serve as active members of the University Senate, the faculty body that sets general university policies.

ASUO Programs Finance Committee

This seven-student-member committee acts on matters related to the appropriation and allocation of incidental fees to ASUO programs, contracts, and some university departments. These groups submit their budget requests and, after public hearings on these proposals, the committee presents its recommendations to the Student Senate.

ASUO Athletic and Contracts Finance Committee

This five-student-member committee allocates funds to and negotiates contracts for student services, such as public transit access, athletics tickets, and student legal assistance. It also handles membership agreements in associations such as the Oregon Student Association and the United States Student Association. It presents its recommendations to the Student Senate.

Department Finance Committee

This five-student-member committee acts on matters related to the appropriation and allocation of incidental fees to some university departments. It presents its recommendations to the Student Senate.

EMU Board

This fifteen-member committee consists of students, faculty members, and EMU staff personnel. It is responsible for allocating budgets to EMU programs and services and presenting its budget recommendation to the Student Senate. The board also allocates space in the EMU and advises staff members on its management and administration.

Constitution Court

The Constitution Court is a five-member body appointed by the ASUO president. It serves as the court of appeals for the ASUO and has the authority to rule on questions arising from the ASUO Constitution or rules promulgated under it. This power of review covers almost any action by ASUO government bodies, programs, and individual students that fall under the ASUO Constitution.

Career Center

Daniel Pascoe Aguilar, Director

541-346-3235
220 Hendricks Hall
career.uoregon.edu

The Career Center is a unit of the Division of Student Life that exists to support the career and professional development of UO students and alumni. Our mission is to help you develop long-term career goals and strategies, facilitate self-exploration and discovery, connect with potential employers, and empower and challenge you to fulfill your potential.

Career Planning

Career planning services help students clarify career goals. Individual counseling and career assessment services are available to help students select majors to advance their goals. The career resource area houses a collection of career and employment resources. Information is provided about local, regional, and national internship programs.

Employment Services

Each yearthousands ofjobs—part-time, full-time, work-study, summer, international, and internship opportunities—are listed in Duck Connect (https://career.uoregon.edu/duckconnect), the university's online database of job, internships, and other career resources. In addition, job search agents match opportunities with student interests. The on-campus recruiting program brings more than 200 employers to campus each year, and three major career fairs and more than 20 career-related events are held annually.

Workshops andgroup sessionson self-assessment, résumé writing, interview skills, and job- and internship-search strategies are availablethroughout the academic year. Panels of industry experts demystify the world of careers and employment and offer job-search advice. Career counselors are available on a daily basis to assist individuals in this process.

Currently enrolled students are encouraged to use the Career Center's services throughout their education.

For more information, see the **Academic and Career Planning** section of this catalog.

Counseling and Testing

Shelly Kerr, Director
541-346-3227
541-346-2842 fax
University Health, Counseling, and Testing Center Building, Second Floor
1590 E. 13th Ave.
counseling.uoregon.edu

The University Counseling and Testing Center is a unit of the Division of Student Life that provides mental health services to currently enrolled UO students, training and supervision to graduate-level therapists, and testing services. A professional support and crisis line is available when the center is closed.

Counseling Center

541-346-3227

The Counseling Center provides brief individual therapy, support and therapy groups, and workshops to UO students. Issues commonly addressed include depression, anxiety, suicidal thoughts, relationship concerns, psychosis, mania, identity development, body image concerns, eating disorders, grief and loss, and sexual assault. Psychologists and counselors provide consultation to members of the university community and offer educational outreach to students and faculty and staff members on issues relevant to student mental health. Hours of operation are listed on the website (http://counseling.uoregon.edu).

The Collegiate Recovery Center provides support for recovering students in an effort to promote recovery and prevent relapse. More information is available on the website (http://recovery.uoregon.edu).

Testing Office

David Espinoza, Director
541-346-3230

The testing office schedules, coordinates, and administers required placement examinations, Credit by Examination programs, and proctored academic tests as well as national computer-based testing programs such as Graduate Record Examinations (GRE), Graduate Management Admissions Tests (GMAT), Test of English as a Foreign Language (TOEFL), Miller Analogies Test (MAT), and Praxis, California Basic Educational Skills Test (CBEST), and Oregon Educator Licensure Assessment (ORELA) teacher-certification tests. In addition to its computer-based testing program, the Testing office organizes the on-campus administration of the paper-and-pencil American College Testing Assessment (ACT), Law School Admission Test (LSAT),Multistate Professional Responsibility Examination (MPRE), and the SAT (known previously as the Scholastic Aptitude Test, then the Scholastic Assessment Test). Students and community members taking online, distance-education courses are also able to have their examinations proctored at the Testing Office.The office also coordinates with the Accessible Education Center for extended-time academic examinations.

Registration materials and information are available on the website (http://testing.uoregon.edu), or by e-mailing a request to testing@uoregon.edu. The Testing Office is located in 270 University Health, Counseling, and Testing Center Building. Tests are administered by appointment. Hours of operation are listed on the website (http://testing.uoregon.edu).

Dean of Students

Paul Shang, Assistant Vice President and Dean of Students

541-346-3216
164 Oregon Hall
uodos@uoregon.edu
uodos.uoregon.edu

The Office of the Dean of Students is a unit within the Division of Student Life that helps students derive full benefit from their university experience by providing education and support programs and services, working to ensure that all students are supported and accepted, minimizing the obstacles to student success, and celebrating the accomplishments of individuals and the campus community.

Bias Response Team

Maure Smith-Benanti, Coordinator

The purpose of the Bias Response Team is to ensure a just campus. It obtains information and responds to incidents of bias on campus and in the community. Filing a report of bias with the response team adds information that helps improve the climate on campus and in the community. The report form is available on the Office of the Dean of Students website (http://uodos.uoregon.edu).

Conflict Resolution Services

Caitlan Hendrickson, Director

Services include mediation, facilitation, interpersonal communication coaching, and other related services. The program's workshops present basic conflict resolution skills. Conflict Resolution Services coordinates the Neutral Observer Program, which provides trained observers at campus events. The presence of observers provides for unbiased witnesses in the event that conflict escalates. Services are confidential and free for students.

Diversity Education and Support

Alicia Sheikh-Arvizu, Multicultural Inclusion and Support Specialist

Diversity Education and Support provides support to programs that enhance the educational, cultural, and social development of students with a special emphasis on the unique needs of students of color and historically underrepresented and marginalized student groups. It acknowledges, celebrates, and promotes the diverse cultural experiences of each member of the university community, strives to build collaborative relationships, and advocates for social justice.

Fraternity and Sorority Life

Justin Shukas, Director

Fraternities and sororities are organizations that focus on scholarship and learning, leadership, brother- and sisterhood, community service, philanthropy, and community awareness among members. Since the founding of the first fraternity in 1776, hundreds of Greek-lettered organizations have been established across college campuses in North America. A vital part of the student experience at the University of Oregon, the fraternity and sorority community has existed since 1900, when the first fraternity was established on campus. The mission of Fraternity and Sorority Life is to enhance the quality of student life at the University of Oregon by aiding members of the Greek community through advising with a developmental approach, educating with a purpose, collaborating with stakeholders, promoting academic success, encouraging civic responsibility, advocating for healthy lifestyles, and advancing values-based leadership and decision-making.

More than 3,300 students are currently involved in more than 30 Greek-lettered organizations. To learn more, call 541-346-1149 or visit the website (http://oregonfsl.orgsync.com).

Honors and Awards

See the **Honors at Oregon** section of this catalog for information about honorary societies, outstanding-student awards, scholarships and prizes, and the Dean's List.

Lesbian, Gay, Bisexual, and Transgender Education and Support Services

Maure Smith-Benanti, Director

Understanding and acceptance are essential to creating a welcoming environment for lesbian, gay, bisexual, transgender, queer, questioning, intersex, and ally students and members of the faculty and staff. This program develops and provides educational services related to homophobia and heterosexism; assists student organizations and academic units in bringing speakers to campus for educational programs; serves as a referral source for and provides consultation to members of the lesbian, gay, bisexual, and transgender community; offers support services for lesbian, gay, bisexual, and transgender people and their heterosexual allies; and acts as a liaison between the

university administration and the lesbian, gay, bisexual, and transgender community.

Nontraditional and Veterans Engagement and Success

Justine Carpenter, Director

Nontraditional students—older students, students who are reentering the university after a break, student parents, and veterans—are offered support and assistance specific to their needs.

Sexual Violence Prevention and Education

Kerry Frazee, Director

The Sexual Violence Prevention and Education program utilizes a variety of initiatives to educate and build awareness around complex issues of sexual and dating violence at the University of Oregon. Specific programs include the Alliance for Sexual Assault Prevention and the Sexual Wellness Advocacy Team.

Sexual Violence Response and Support Services

Renae DeSautel, Director

This program provides a comprehensive 24-hour response to students who have experienced sexual harassment, sexual assault, domestic or dating violence, and stalking. For more information or to receive help, telephone 541-346-SAFE or visit safe.uoregon.edu.

Student Conduct and Community Standards

Sandy Weintraub, Director

The Office of Student Conduct and Community Standards protects the rights, health, safety, and well-being of every member of the university community while promoting the educational objectives of the university. The program handles complaints related to academics made against students by other students and by faculty or staff members.

A faculty-student committee has primary responsibility for formulating and evaluating student conduct policies and procedures and making recommendations to the UO Board of Trustees for changes to the Student Conduct Code.

Substance Abuse Prevention andStudent Success

Jennifer Summers, Director

The Substance Abuse Prevention and Student Success program addresses high-risk drinking and substance abuse on the UO campus and its impact on students' academic and personal success. With evidence-based, comprehensive, and coordinated efforts, staff members of the program collaborate with campus and community partners to provide alternative programming and services to students.

The Duck Store

Arlyn Schaufler, General Manager
541-346-4331
895 E. 13th Ave.
uoduckstore.com (http://uoduckstore.com)

The Duck Store (formerly the University of Oregon Bookstore), located just west of the campus, is open daily Monday through Thursday, 7:45 a.m. to 7:00 p.m.; Friday, 7:45 a.m. to 6:00 p.m.; Saturday, 10:00 to 6:00 p.m.; and Sunday, 10:00 a.m. to 6:00 p.m. Special hours apply during term breaks and holidays. Check the website for exceptions.

The Duck Store comprises five departments: books, technology, art and school supplies, sportswear (UO-related apparel and memorabilia), and the Duck Store Café.

History

The Duck Store was established in 1920 as a cooperative and is now run as a nonprofit organization owned by UO students and members of the faculty and classified staff. Policy is decided by a board of directors composed of eight students, two faculty members, and one classified staff member. The directors are selected in annual elections by the membership.

General Services

The Duck Store offers no-charge check cashing for amounts up to $20, ATM machines, free notary public service, postage stamp sales and a mail drop, UPS package service, and fax service. The store also provides the university community with graduation regalia and announcements.

The bookstore offers course book rentals and e-books as well as traditional textbooks.University of Oregon students, faculty and staff members receive a discount off the publisher’s list price of new textbooks and at least 32 percent off used books. Students may resell their books at any time. For the best prices and buy-back dates, visit uoduckstore.com/literaryduck (http://uoduckstore.com/literaryduck). Dates are posted on the Duck Store website. Thousands of book award and school supply scholarships have been awarded since 2003. For more information on the awards program, visit the website.

Author Events

The Duck Store hosts literary events within the store and in the campus community. These events are often free and open to the public. Times, dates, locations, authors, and event summaries may be found at uoduckstore.com/events (http://uoduckstore.com/events).

Art and School Supplies

The art and school supplies department in the store basement is the largest art store south of Portland. As well as housing a wide variety of art and architecture materials, it offers everything you need in school and office supplies. Local artists frequent the Duck Store for its extensive selection of art supplies and the personal service from its knowledgeable staff.

Technology

The technology department provides computers, software, and technology solutions for the UO community. Low educational prices on hardware and software are available for UO students, faculty, and staff. The computer department also provides a Kodak instant-print kiosk and fax services.

Duck Store Café

The Duck Store Café gourmet coffee and espresso counter features specialty coffee drinks, food, and snacks. Tips go to local charities.

Sportswear, Gifts, and Cards

The sportswear department carries the latest officially licensed UO sportswear, gifts, and Oregon memorabilia. Profits return to campus and support the discount on course materials, and help other campus units provide benefits for UO students and alumni. Visit the Duck Store main floor for a fun selection of unique gifts, greeting cards, and magazines, or visit the main website.

Knight Law Center

The Duck Store serves the John E. Jaqua Law Library with the Court Café, selling coffee, beverages, and food. Students can pick up law course packets and books and send faxes. Court Café hours may be found on the Duck Store website.

Other Locations

Duck Store locations may be found at Autzen Stadium and Valley River Center. During home football games, the Club Store is also open inside Autzen stadium, and two retail locations are open during events at Matthew Knight Arena.

For the convenience of students, alumni, and friends of the university outside the Eugene area, the Duck Store sells university sportswear and insignia merchandise at the University of Oregon facility at the White Stag Block in Portland, the Washington Square Mall in Tigard, the Clackamas Town Center in the Portland Metro area, and the Bend River Mall in Bend. For directions to any of these locations, visit uoduckstore.com/about/findastore (http://uoduckstore.com/about/findastore).

Internet Store

The Duck Store online is a great resource for reserving course books, ordering merchandise and gifts, finding information about current events, and much more.

Erb Memorial Union

Laurie Woodward, Director
541-346-6064
1228 E. 13th Ave.
www.emu.uoregon.edu

The Erb Memorial Union (EMU) is the community center for the University of Oregon. A unit within the Division of Student Life, the EMU provides programs, facilities, food and other services for students and the entire campus community, offering students extracurricular activities that are an integral component of their education.

Through the various student organizations that have offices in the EMU, students are provided with a safe place to explore new ideas and take risks, an environment that fosters real-word experience and a process that allows students to learn at their own pace—all within the framework of staff support and guidance. Other services provided include affordable child care, healthy food options, and automatic teller machines.

In addition to the programs and services listed below, the EMU houses a variety of food service options, student lounges, the Campus Copy Center, the photo ID office, the campus newspaper, the Mills International Center, art galleries, and a variety of meeting spaces for student groups to use.

The EMU is an auxiliary enterprise of the university and is funded through student incidental fees and earned income.

Board

The Erb Memorial Union Board is responsible for making general policy decisions and long-range plans for the Erb Memorial Union. The board approves allocation of the EMU's multimillion dollar budget, assigns space for student organizations, and advises the EMU staff in the union's management and administration. The sixteen-member board comprises twelve students, three faculty representatives, and one EMU staff representative.

Associated Students of the University of Oregon (ASUO)

The ASUO is the student governing body at the University of Oregon. With more than 150 student organizations, the ASUO offers students many opportunities to direct their own programs, become involved in every aspect of student life, and influence the decisions that affect the quality of education at the UO. Many of these programs have offices in the building, including the Women's Center, Multicultural Center, Survival Center, Men's Center, Designated Driver Shuttle, and the Nontraditional Student Union. For more information, see the Associated Students of the University of Oregon section of this catalog.

Club Sports

Club Sports is an athletic program at the University of Oregon, supporting many Olympic and non-NCAA affiliated sport clubs. Many clubs are associated with regional and national sport governing bodies such as Pac-8 Hockey, USA Ultimate, and Northwest Collegiate Cycling Conference. A program of the Erb Memorial Union (EMU), Club Sports has been a premier sports and leadership development program for over 30 years. For more information, call 541-346-8025, or visit the website at clubsports.uoregon.edu.

Craft Center

The Craft Center offers workshops in ceramics, woodworking, glassblowing, jewelry, fibers, painting, photography, silkscreen, glass torch working, and many areas of the visual arts in a collaborative environment designed to enhance the student experience in a creative atmosphere free from grades and assignments.

Well-equipped studios are available for use with the purchase of a term pass or day-use fee. Materials and supplies are sold for each studio area. The center's professional staff members, instructors, and student staff members are excellent resources for students' artistic projects. For more information, call 541-346-4361, or visit the website at craftcenter.uoregon.edu.

Cultural Forum

The Cultural Forum presents cultural events in music, film, performing arts, contemporary topics, and the visual arts that reflect the diverse

interests of students and encourage a social and educational exchange for both the campus community. With the support of professional staff members, student coordinators initiate, produce, and promote all forum events and art shows. For more information, call 541-346-4373 or visit the website at culturalforum.uoregon.edu.

Holden Leadership Center

The Holden Leadership Center helps prepare students to make positive contributions on campus, within the community, and globally. The center provides opportunities for students to develop as leaders and active citizen—regardless of their previous experience or exposure to leadership roles.For more information, see the Holden Leadership Center section of this catalog.

KWVA 88.1 FM

KWVA is the student radio station, broadcasting at 88.1 FM and on the Internet. KWVA broadcasts twenty-four hours a day, 365 days a year. Programs are produced at KWVA in the Erb Memorial Union, and include diverse music, news, and sports. Students and non-students are welcome to participate as DJs and as news, sports, production, and marketing volunteers. No experience is necessary. For more information, call 541-346-4091 or visit the website, kwvaradio.org (http://kwvaradio.org).

Moss Street Children's Center

Moss Street Children's Center provides developmentally appropriate child care for infants, toddlers, preschoolers, and school children in kindergarten through the fifth grade. Priority for child-care services is given to enrolled students; however, members of the UO faculty and staff, as well as community families, may also enroll if space is available. Many students work in the program as employees or volunteers and receive practicum credit through various academic departments. The center is located on the edge of campus at 1685 Moss St. For more information, call 541-346-4384 or visit the website, moss.uoregon.edu.

Outdoor Program

The Outdoor Program offers low-cost, cooperative activities such as hiking, rafting, kayaking, backpacking, rock climbing, skiing, and snowboarding. The program also offers low-cost equipment rental, a wilderness resource center, instructional clinics, and bike loans, and hosts numerous events on campus. The Outdoor Program "Barn," home to the equipment rental and bicycle-loan program and a bike maintenance shop, is located five blocks from the EMU, at the corner of University Street and East 18th Avenue. For more information, call 541-346-4365 or visit the website at outdoorprogram.uoregon.edu..

Student Activities and Resource Center

The Student Activities and Resource Center is a hub of information and resources where student organizations can create, build, and connect students through fun events, services and traditions. The program also supports the Student Activities Board in their effort to create and enhance large scale campus events including Ducks After Dark double features, the Flock Party welcome event, Homecoming activities, WebFoot Classic basketball tournament, Mallard Madness and more. For more information, call 541-346-2631 or email sarc@uoregon.edu.

Student Sustainability Coalition

The Student Sustainability Coalition (SSC) is the hub for student-led sustainability initiatives that foster and support the transition to sustainability through collaboration, education, and activism. The SSC hosts frequent coalition meetings with students from various student groups working on sustainability across campus and coordinates Earth Week each spring. Sustainability grants are available annually through the Student Sustainability Fund to support student sustainability projects. For more information, call 541-346-8321 or visit the website at coalition.uoregon.edu.

University Scheduling and Event Services

This office facilitates the planning and support for all nonacademic use of UO buildings, rooms, and out-of-door spaces on campus, spending a significant amount of time coaching and helping student groups navigate the campus policies and offering advice on best practices for running their events. For more information, call 541-346-6000 or visit the website at scheduling.uoregon.edu.

UO Ticket Office

This office provides a full range of ticketing and box office services for university student groups and departments, including the University Theatre, UO School of Music and Dance, and Oregon Bach Festival. As a sales outlet for Ticketmaster, TicketsWest, Hult Center, WOW Hall, and Matthew Knight Arena, the Ticket Office sells admission for a broad range of events in Eugene, Portland, and throughout the Pacific Northwest. For more information, call 541-346- 4363 or visit the website at tickets.uoregon.edu.

Health Services

Michael Eyster, Director
541-346-2770
University Health, Counseling, and Testing Center Building
East 13th Avenue and Agate Street
healthcenter.uoregon.edu

The University Health Center provides comprehensive primary health care services for currently enrolled UO students who have paid student fees. These services are provided by a highly qualified staff that includes board-certified physicians and nurse practitioners, a dentist, registered nurses, laboratory and x-ray technicians, athletic trainers, physical therapists, pharmacists, dental hygienists, health educators, and support staff.

Medical and Health-Care Services

1. Diagnosis and treatment of acute illnesses and injuries
2. Preventive health services
3. Ongoing primary care of chronic medical conditions
4. Basic preventive dental services and dental education
5. Specialized care in psychiatry, women's health, sports medicine, and minor surgical procedures
6. Asthma and allergy treatment
7. Medical laboratory and x-ray services
8. Mental health treatment by both primary-care and psychiatric specialists

9. Physical therapy and rehabilitative services, sports medicine and therapy clinics for treatment of injuries
10. Licensed full-service pharmacy, including over-the-counter items
11. Nutrition education
12. Health-promotion services
13. Travel clinic
14. Health insurance program
15. Tobacco-cessation treatment
16. Referral to other medical-dental health-care providers

Hours of Operation. The University Health Center is open from 9:00 a.m. to 5:00 p.m., Monday through Friday; and from 10:00 a.m. to 2:00 p.m., Saturday, fall through spring terms. Summer session hours are 9:00 a.m. to 4:30 p.m., Monday through Friday; closed weekends. The health center is closed between terms except for transfer of existing valid prescriptions and release of medical records.

Appointments. Students are encouraged to make appointments for outpatient care by calling 541-346-2770 during weekday hours. Students who call prior to 10:00 a.m. are given priority for same-day appointments.

A nurse advice line is available when the health center is closed in the evening, on weekends, and between terms; call 541-346-2770.

Local emergency rooms and after-hours clinics are available for emergency and immediate care when the health center is closed (see below under Charges).

Charges. The University Health Center charges a nominal fee for clinician visits. Additional fees apply for laboratory tests, x-rays, procedures, medications and prescriptions, immunizations and injections, dental procedures, and other special services and supplies. Every effort is made to keep these charges low.

Students who are referred for medical services not available at the University Health Center or who use medical services outside the center are fully responsible for all expenses.

Health Insurance. The university does not require proof of health insurance for domestic students. However, the provisions of the Affordable Care Act may apply. International students are required to purchase health insurance. All students are strongly encouraged to have health insurance. Health center staff members can explain how to obtain an itemized statement for insurance purposes, but the center does not bill insurance companies directly. Information about the optional health insurance plan offered by the university can be viewed at the health center website.

Measles and Mumps Immunization Requirement. By state law, students born after December 31, 1956, must show proof of two MMR vaccinations or other acceptable proof of immunity to measles and mumps. International students must show proof of at least two MMR vaccinations or other acceptable proof of immunity to measles and mumps *prior to registering for their first term* (see the health center website for additional information). U.S. students are required to show the same proof of measles or mumps immunization before the beginning of their second term at the university. An MMR vaccination is available from the health center for a fee.

Other General Information

All medical care and treatment provided at the University Health Center is confidential. Medical records, patients' bills, and other patient information are released only with the specific written authorization of the patient, unless required by law.

The University Health Center is a member in good standing with the American College Health Association and is fully accredited by the Accreditation Association for Ambulatory Health Care.

For more information, visit the health center website (http://healthcenter.uoregon.edu/Home.aspx).

Holden Leadership Center

Rian Satterwhite, Director
541-346-1146
Erb Memorial Union, Suite 47

The Holden Leadership Center helps prepare students to be positive contributors on campus, within the community, and globally. The center provides opportunities for students to develop as leaders and citizens, regardless of their previous experience or exposure to leadership roles. Members of the center's multidisciplinary staff work directly with students to increase their leadership efficacy and capacity, explore their strengths and passions, teach them new skills and effective practices, help involve them in productive collaborations, and increase their chances of success as agents of change.

Many entry points and opportunities exist for students to get involved at the center, including advising, mentorship, teaching, and experiential programming, with space for students to grow and excel as leaders, get involved with thecommunity, find solutions to problems, and improve the future. These efforts include workshops on identifying individual talents and group effectiveness; volunteer opportunities to help students cultivate their involvement in the local community; service-based trips regionally and internationally; and an intensive leadership development institute.

Intercollegiate Athletics

Rob Mullens, Director
541-346-4481
Len Casanova Athletic Center
2727 Leo Harris Parkway

Head Coaches

Dana Altman, men's basketball

Kat Mertz, women's soccer

George Horton, baseball

Mark Helfrich, football

Robert Johnson, men's and women's cross-country, track and field

Jen Beck, women's lacrosse

Casey Martin, men's golf

Jim Moore, volleyball

Felecia Mulkey, acrobatics and tumbling

Ria Scott, women's golf

TBD, women's tennis

Nils Schyllander, men's tennis

Kelly Graves, women's basketball

Mike White, softball

Intercollegiate athletics at the university is an integral part of the institution. Opportunities to participate in athletics are offered to students of both sexes.

The university has a rich heritage in men's intercollegiate athletics, one that includes seven National Collegiate Athletic Association (NCAA) track-and-field championships, six NCAA cross-country championships, and the first-ever NCAA basketball championship in 1939. University women earned national track-and-field titles six times—including a run of five consecutive indoor championships from 2010 to 2014—in addition to women's cross-country titles in 1983, 1987, and 2012. The men claimed NCAA track championships in 1962, 1964, 1965, 1970, 1984, 2009, and 2014, as well as cross-country title in 1971, 1973, 1974, 1977, 2007, and 2008.

Success in sports has made Eugene and the university an attractive site for national championships. The university has been the host for collegiate national championships in men's and women's track and field, women's basketball, gymnastics, wrestling, and golf.

Eugene was the site of the 1972, 1976, 1980, and 2008 Olympic Team Trials in track and field, and will host the Olympic trials again at Hayward Field in 2012. In addition, the University of Oregon has hosted nine NCAA meets and seven U.S. national championships.

Men's and women's teams in various sports have won conference and regional championships. Many university athletes have won individual national titles and participated in the Olympic Games, World Championships, and other major competitions.

Emphasis on academics and athletics has resulted in the university accumulating ninety-three Academic All-Americans, five NCAA Top-Eight awards, and a number of NCAA postgraduate scholarship recipients.

The university fields eight sports for men and twelve for women. Men's sports are baseball, basketball, cross-country, football, golf, tennis, and indoor and outdoor track and field. Women's sports include acrobatics and tumbling, basketball, cross-country, golf, lacrosse, soccer, softball, tennis, indoor and outdoor track and field, and volleyball. Sand volleyball is the latest addition to the women's side; intercollegiate competition began during 2013–14. Women's intercollegiate athletics, organized in 1973, joined the Department of Intercollegiate Athletics in 1977.

The University of Oregon belongs to the NCAA; both men and women compete at the Division I level. The longtime organizer of men's athletics, the NCAA, began sponsoring women's championships in the 1981–82 season.

The university also belongs to the Pacific-12 Conference (Pac-12). Other members of the Pac-12 are Arizona, Arizona State, UCLA, USC, California, Colorado, Stanford, Oregon State, Utah, Washington, and Washington State.

The UO football program—participants in twenty-seven bowl games since the 1916 season—has been selected for twenty-one postseason appearances in the last twenty-five years, including Bowl Championship Series victories in the 2002 and 2013 Fiesta Bowls and the 2012 Rose Bowl.

Pac-12 schools have captured more NCAA titles than any other conference in the nation.

Duck Athletic Fund

The Duck Athletic Fund, the fundraising arm of the Department of Intercollegiate Athletics, has as its primary mission the funding of athletic scholarships. Home offices are in the Len Casanova Athletic Center on the UO campus; call 541-346-5433. There are branch offices in Eugene and at the University of Oregon in Portland. The University of Oregon in Portland is at 70 NW Couch St.; call 503-725-3825.

International Student and Scholar Services

Abe Schafermeyer, Director
541-346-3206
333 Oregon Hall

International Student and Scholar Services provides advising to international students and scholars regarding visa matters, questions about the Department of Homeland Security's Student and Exchange Visitor Information System, academic English support services, admission inquiries, housing options, employment opportunities, tax issues, and scholarship aid. In addition, confidential academic and personal counseling is offered to help students adjust to life in the United States.

Each term, this unit organizes a comprehensive orientation event to help familiarize students with the university and community. More than 1,200 students participate in the orientations each year. The Friendship Foundation for International Students, a community organization that works in concert with International Student and Scholar Services, provides short home-stay programs for students participating in the orientation event. The office also helps coordinate the International Friend Program, which introduces international students to local families, and the Conversation Friend Program, in which students may practice their English skills one-on-one with a native speaker of US English.

This unit also administers $1.6 million worth of scholarship programs for international students, among them the International Cultural Service Program. Each of the forty to fifty students in the program provide eighty hours per year of cultural and educational service to Eugene-Springfield K–12 schools, nonprofit organizations, and other community groups.

Mills International Center

Sonja Rasmussen, Coordinator
541-346-0887

The Mills International Center, located in the Erb Memorial Union, is known on campus as "a meeting place for the world." Nearly 35,000 students and members of the faculty and community visit the center annually to study, attend international events, relax, or use the media resources—travel and adventure books and DVDs, international magazines, newspapers, cookbooks, CDs, and films. Groups from all over campus reserve the center for their activities, and nearly 400 events were held at the center last year.

Orientation

Cora Bennett, Director, Student Orientation Programs
541-346-1167
541-346-2822 fax
119 Ford Alumni Center
5263 University of Oregon
Eugene, Oregon 97403-5263
orientation@uoregon.edu (uointro@uoregon.edu)
orientation.uoregon.edu

Student Orientation Programs introduces new and prospective students and their families to the university's intellectual climate, improving the quality of the new-student experience by providing assistance with academic, social, and personal adjustment to the university.

Ambassador Program

Through the Ambassador Program, undergraduate student leaders participate in various recruiting, public relations, and leadership activities for prospective new students. Ambassadors assist with weekly campus tours six days a week at at various times throughout the year; please visit the website for current list of tour offerings. In addition, ambassadors staff a telephone-calling project and participate in campus open houses, college fairs, and high school visitations. Ambassadors are trained to interact with potential UO students, answer general questions about the university, and help ease anxieties about college life at the University of Oregon.

IntroDUCKtion

This is a one- or two-day orientation program for new students and their families, which takes place during the summer months. University faculty and staff members and trained undergraduate student leaders coordinate programs that offer information about the University of Oregon's academic programs and support services. New students meet with an academic advisor and register for fall term courses. During the program, participants live in the residence halls, become familiar with campus, and acquire college survival skills before Week of Welcome activities in September. In addition to the student program, a separate but concurrent parent and family program is offered during each two-day program.

Week of Welcome

This five-day orientation and transition program is held in September before the start of fall term. Faculty members and returning students help ease incoming first-year and transfer students' transition to the University of Oregon by presenting dozens of academic, social, and cultural activities. During the orientation, new students meet other students, start their college careers smoothly, and discover the campus and community resources vital to the their academic success.

Parking and Transportation

Gwen Bolden, Director
541-346-5444

The Department of Parking and Transportation provides parking options and promotes transportation alternatives for faculty and staff members as well as students and visitors at the University of Oregon.

The department's mission is to provide equitable and high-quality service within the scope of available resources. Its goal is to develop and improve transportation demand management by

- Improving accessibility and mobility throughout a changing and complex university environment
- Enhancing interaction with the community
- Utilizing sustainable principles in meeting transportation demands
- Implementing and maintaining information and financial systems

Police Department

Carolyn McDermed, Chief of Police
541-346-2919
541-346-0947 fax
2141 E. 15th Ave.
police.uoregon.edu

The University of Oregon Police Department (UOPD) is responsible for the general safety of the campus community twenty-four hours a day, seven days a week. Its police and public safety officers are the primary law enforcement providers on campus, trained in accordance with standards established by the Oregon Department of Public Safety Standards and Training.

The department works closely with all campus departments as well as community law enforcement and emergency, health, and safety agencies to plan for and maintain a safe environment, and to quickly and effectively resolve safety and security issues. Residents and visitors should report campus crimes or safety concerns immediately to the UOPD at 541-346-2919, or call 9-1-1 in an emergency.

The UOPD receives its police powers under the Oregon Revised Statutes (Section 352.383). The department employs state-certified police officers as well as nonsworn public safety officers, security officers, and civilian personnel—including student security assistants—in various roles. University police officers have the same authority and training as other police officers in the state.

In addition, under the Oregon Revised Statutes (Section 352.385), UOPD nonsworn public safety officers maintain limited police powers including stop-and-frisk authority and may make probable-cause arrests. An intergovernmental agreement with the City of Eugene provides UOPD nonsworn public safety officers with additional citation authority for certain violation and misdemeanor offenses under the City of Eugene Municipal Code (Section 4.035).

In compliance with the federal Jeanne Clery Disclosure of Campus Security Policy and Campus Crime Statistics Act, the University of Oregon prepares an annual report that describes campus safety and security programs and services.

A copy of the university's annual security and fire safety report is available on the department website. This report includes statistics for the previous three years about reported crimes that occurred on campus; in certain off-campus buildings or property owned or controlled by the University of Oregon; and on public property within or immediately adjacent to and accessible from campus. The report also includes institutional policies about campus security, such as alcohol and drug use, crime prevention, the reporting of crimes, and sexual assault.

The UOPD administers the global access management system, provides consultation to campus partners on security systems, and leads the university's facilities security program.

Special Services

High School Equivalency Program

Armando I. Bravo, Recruiter
541-346-0881
1685 E. 17th Ave.
hep@uoregon.edu
education.uoregon.edu/HEP

Federally funded and sponsored by the University of Oregon, the High School Equivalency Program is a multicultural, bilingual, alternative education program for migrant and seasonal farm workers. The program offers services to students with a wide range of academic and language skills and provides instruction in social, academic, and critical-thinking skills necessary to pass the general educational development (GED) test and to be placed in college, job training, or employment. The program office is open weekdays from 8:00 a.m. to 5:00 p.m.

McNair Scholars Program

Gail Unruh, Director
541-346-3226
541-346-2184 fax
68 Prince Lucien Campbell Hall
mcnair.uoregon.edu

The McNair Scholars Program assists qualifying undergraduates in using the rich resources of the university to prepare for the challenges of graduate study leading to PhD degrees. Eligible students (low-income, first-generation, or underrepresented ethnic group members) receive academic and financial advising, tutoring, and paid research internships with faculty mentors.

In addition, through seminars and individual conferences, students research and select graduate schools, prepare for the Graduate Record Examination, conduct research, write and edit academic papers, and participate in scholarly presentations. The program also provides funding to help participants complete their undergraduate programs and to travel to conferences or visit prospective graduate schools. Supported by a federal Trio grant, the McNair Scholars Program is part of the University Teaching and Learning Center.

Pathway Oregon

Grant Schoonover, Interim Director
541-346-3226
541-346-2184 fax
68 Prince Lucien Campbell Hall
pathwayoregon.uoregon.edu

The University of Oregon is committed to making a university education affordable for lower-income Oregonians by promising to cover their tuition and fees for four years while they earn their undergraduate degrees. To help students achieve their academic goals and reduce their reliance on student loans, Pathway Oregon advisors help students develop goals, select majors, plan course loads, understand their financial aid packages, and increase their awareness of other campus resources. Eligibility is determined by the Office of Student Financial Aid and Scholarships.

Speech-Language-Hearing Center

Margit Mayr-McGaughey, Director
541-346-6772
HEDCO Education Building
education.uoregon.edu/clinic

The Speech-Language-Hearing Center is part of the Communication Disorders and Sciences program at the College of Education. Graduate student clinicians, under the supervision of licensed clinical faculty members, provide high-quality services to individuals with speech, language, cognitive, and hearing disorders. Services include diagnostic evaluations and individual and group therapy to people of all ages and cultural backgrounds. The center provides community outreach and serves as a local, state, and national resource for innovative clinical service and research.

Student Support Services

Deb Casey, Director
541-346-3226
541-346-2184 fax
68 Prince Lucien Campbell Hall
tlc.uoregon.edu/sss

Student Support Services offers an integrated program of resources—tutoring, academic and financial advising, noncredit workshops, credit courses, and personal counseling—to students who meet qualifying criteria, who are committed to earning bachelor's degrees, and who could benefit from program services to reach their academic goals.

Funded by a federal Trio grant, Student Support Services provides support to students who have a variety of skills and challenges, from those experiencing significant academic difficulties to others planning to attend graduate or professional schools. Eligibility is determined by parents' educational levels, financial situations, disability factors, and academic need. Student Support Services, located in the University Teaching and Learning Center, is open weekdays, 8:00 a.m. to 5:00 p.m.

Veterans Affairs

Susan M. Eveland, University Registrar
541-346-3119
220 Oregon Hall
registrar.uoregon.edu/veterans

The Office of Veterans Affairs, a unit within the Office of the Registrar, helps eligible student veterans, reservists, and military dependents obtain educational benefits in compliance with the procedures and regulations of the United States Department of Veterans Affairs. The office provides basic information about educational benefits administered by both the United States and Oregon veterans affairs offices.

Eligible student veterans should contact the veterans coordinator by telephone, e-mail, or mail as soon as they are admitted to the university. The mailing address is Office of the Registrar, 5257 University of Oregon, Eugene, Oregon 97403-5257. The veterans coordinator is available 8:00 a.m. to noon and 1:00 to 5:00 p.m., Monday through Friday.

Yamada Language Center

Jeffrey Magoto, Director
541-346-4011
541-346-3917 fax
121 Pacific Hall

ylc@uoregon.edu
babel.uoregon.edu

The Yamada Language Center is a language and technology center that serves the university community with teaching and learning tools for more than thirty foreign languages. The center is an active partner with the university's language departments, and is home to two programs that focus on less commonly taught languages: the World Languages Academy and the Self-Study Language Program.

The center provides support services to training programs for teachers of second languages and English as a second language. As a research unit, the center brings together faculty members in second-language instruction, education, and related fields to work on individual and collaborative projects in second-language acquisition, teaching methodology, and the development of audio, video, and software instructional media. The center hosts workshops and seminars on topics related to second-language acquisition and instruction.

The center has an extensive collection of audio-video media and computer software, much of it located on the Virtual Language Lab, an online language-learning tool. The center's lounge is open for group work and presentation practice, and also has reading material in a variety of languages.

Student Alumni Association

541-346-2107
1720 E. 13th Ave., Suite 119
uosaa@uoregon.edu
www.uoalumni.com/saa (http://www.uoalumni.com/saa)

The Student Alumni Association is an organization of students led by students that maintains University of Oregon traditions and serves the greater community. As the student arm of the UO Alumni Association, the organization seeks to

- generate excitement surrounding university activities and devise new traditions that will create a legacy of student involvement
- increase the career opportunities of students by providing opportunities for them to network with alumni and members of the campus community
- provide leadership opportunities for students in the organizing of campus and community events

Student Housing

Michael Griffel, Director
541-346-4277

Walton Hall
1220 University of Oregon
Eugene, Oregon 97403-1220

housing@uoregon.edu
housing.uoregon.edu

The Office of University Housing is dedicated to providing student housing that promotes academic success through academic residential communities and student-centered services. As a unit of the Division of Student Life, the staff is committed to supporting the mission of the University of Oregon.

Housing options comprise residence hall communities, which include room and board, and apartment communities. A small number of houses in residential neighborhoods adjacent to campus are also available. University housing also offers dining services with healthy options that incorporate locally sourced, organic ingredients whenever possible for residents and the campus community.

Residence Halls

The university maintains nine residence hall communities (http://housing.uoregon.edu/residence-halls), which house approximately 4,200 students during the academic year. All halls have study areas, TV lounges, and laundry facilities, and a few have community kitchens. Available room types include single-, double-, or triple-occupancy, as well as a limited number of suites. All rooms contain a bed, desk, chair, and a closet, wardrobe, or dresser for each resident. Ethernet and/or Wi-Fi access and cable television are included in room-and-board charges.

University housing offers a variety of academic connections and academic residential communities for residents, with campus partners such as First-Year Programs, the Robert Donald Clark Honors College, the Charles H. Lundquist College of Business, Office of Sustainability, Career Center, and Knight Library. Programs include Residential Freshman Interest Groups (ResFIGs), Building Business Leaders, College of Business Residential College, Community for Musical Scholars, Service-Learning Cohort, LGBTQ Cohort, Carnegie Global Oregon, Community for Ecological Leaders, Sophomore Experience, Chinese Flagship Program, College Scholars, Diversity Excellence Scholars, Living in German, Living in Japanese, Living in Spanish, and Living in French.

Community Plus (http://housing.uoregon.edu/communityplus) options are another way residents can tailor their community.

Dining on Campus

The residence halls have three flexible meal plans (http://housing.uoregon.edu/meal-plans). The deluxe, standard, and mini plans distribute points throughout the week. Residents may also choose a "plus" option of each plan, adding Campus Cash (the university's debit card program) for use in other university outlets. Students may use their meal plans in any of the various dining venues, which offer a range of choices from all-you-care-to-eat venues to individually prepared entrées and deli or market items to go. Venues include two traditional dining centers, a burrito and taco station, coffee houses, a bistro, a stir-fry grill, pasta bar, and two deli-style locations, "gastro grub," and markets with everything from sushi to sandwiches, soups, entrées, fresh fruit, and beverages.

Applying for Housing

Only students admitted to the university may apply for on-campus housing. After receiving notice of admission from the Office of Admissions, students should log onto DuckWeb (http://duckweb.uoregon.edu), select "Housing" from the student menu, and fill out an online application form. After completing and submitting the online application, students must then read and sign the online housing contract and make an online payment (a $50 nonrefundable application fee and a $350 prepayment) to immediately secure a housing space.

Housing is generally filled on a first-come, first-served basis, and housing is not guaranteed. Information and instructions onapplying for residence hall housing (http://housing.uoregon.edu/residence-hall-application)may be found online.

Contract and Rates

Residence hall contracts cover the full academic year. For residence halls, the academic year is September 25, 2014, through June 12, 2015, excluding winter break. During the winter break and summer session, residents may stay in the halls for an additional fee.

Residents must sign a contract that explains the rights, privileges, and responsibilities of residence hall occupancy. These terms are based on consideration for other residents, health and safety standards, and compliance with established state laws and University of Oregon student conduct codes. Failure to comply with the terms and conditions of occupancy can lead to eviction.

Room and board charges are billed to students' university accounts. Rates vary based on room type and meal plan. For information about billing and rates (http://housing.uoregon.edu/rates), please visit the housing website.

Family Housing and University Apartments

The Office of University Housing maintains apartment communities and a limited number of houses for approximately 500 students and their families. Accommodation in Family Housing and University Apartments (http://housing.uoregon.edu/apartments) is open to full-time students. One building offers single-dwelling units for graduate students; other one-, two-, and three-bedroom apartments may be occupied by graduate or undergraduate students who are over the age of 20 or are either married, in a domestic partnership, or have minor children.

Apartments and houses are unfurnished, although each unit is equipped with a stove and a refrigerator. On-site laundry facilities are available in apartment communities, and laundry hook-ups are available in most houses. Some buildings include Ethernet service with the rent. In addition, some apartment communities have playgrounds, recreation rooms, community gardens, child-care programs, and recycling facilities.

Residents of Family Housing and University Apartments may pay with cash or debit or credit cards for meals at any of university housing's dining venues or purchase the Ducks Dine On (http://housing.uoregon.edu/ducks-dine-on) plan.

Rates. Rental rates vary by community or house, based on size and amenities. Occupancy limits are based on the number of bedrooms and the number of people in the household. There are a limited number of units that can accommodate three UO students; otherwise, no more than two adults may reside in a single unit.

To be eligible for a housing assignment, students must be enrolled and maintain full-time status at the university. Applications for Family Housing and University Apartments must be accompanied by a $50 nonrefundable application fee. A $75 security deposit and a $350 prepayment toward the first month's rent are required at the time the offer is accepted.

CommunityCommitment

University housing is committed to upholding the following statement: "The University of Oregon actively promotes cultural diversity and equal opportunity. We honor the humanity that joins us, and we celebrate the differences that distinguish us. University housing has the expectation that its residents will actively participate in creating welcoming communities that value all members without regard to race, sex, disability, sexual orientation, gender identity, gender expression, national origin, age, religion, marital status, or veteran status." For more housing information, call 541-346-4277. Calls are handled discreetly by authorized staff members.

Work-Life Resources

Karen Logvin, Director
541-346-2962
541-346-2548 fax
677 E. 12th Ave., Suite 400
hr.uoregon.edu/worklife

University Work-Life Resources, a program in Human Resources, assists students and employees in effectively balancing their personal, family, and community life with work and educational responsibilities. The office coordinates information about campus and community child-care options, resources for families and elder care, and university policies related to children and families. Staff members are available to consult with students, faculty members, and UO employees about child care and other family issues.

ASUO Student Child-Care Subsidy

Funded by student incidental fees, the program pays a percentage of child-care expenses for low-income students. UO-affiliated and licensed community child-care expenses are covered. More information and applications are available from the ASUO Executive office, Erb Memorial Union, Suite 4; call 541-346-0632.

Lactation Support Rooms

541-346-2962
231B William W. Knight Law Center
30 Prince Lucien Campbell Hall
64 University Health, Counseling, and Testing Center Building
161 McKenzie Hall
311 Robert and Beverly Lewis Integrative Science Building

Five family and lactation support rooms each provide a private, intimate space for student, faculty, and staff mothers to nurse or express milk. UO parents may register to use the room for a term or for a year by contacting the director of Work-Life Resources.

UO Affiliated Child-Care Programs Co-op Family Center

541-346-7400

This independent, nonprofit cooperative accepts children who are between the ages of eight weeks and eleven years. The center primarily serves families who live in Spencer View Family Housing but accommodates other UO student families, some UO faculty and staff member families, and community parents when space is available. Parents may reduce their costs through several cooperative options and may share in the center's management through membership on the center's board of directors.

Moss Street Children's Center

541-346-4384

This program accepts children who are between the ages of three months and eleven years. It is described more fully under Erb Memorial Union in this section of the catalog.

Vivian Olum Child Development Center

541-346-6586

The center provides a comprehensive program of early-childhood education for children between the ages of eight weeks and eleven years.

Administered by Human Resources' Work-Life Resources, the center primarily serves faculty and staff families. Student families are guaranteed priority access before community families.

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