Education Studies

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License and degree programs in the Department of Education Studies prepare professionals to work in education. For teaching in elementary grade levels (K–5), the undergraduate major in educational foundations leads to a bachelor of arts (BA) or bachelor of science (BS) degree in educational foundations. Undergraduates may also earn a certificate in education foundations—secondary. For teaching in secondary grade levels (6–12), the certificate in educational foundations—secondary is intended to complement the subject area major.

The master's-level programs include

1. a degree in curriculum and teaching with a specialization in elementary multiple subjects education or secondary 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 multicultural, multilingual reading

The doctoral degree program leads to a doctor of philosophy degree (PhD) in critical and sociocultural studies in education.

Faculty

Joanna Goode, professor (computer science education, urban education, educational equity and inclusion). BS 1997, MEd, 1998, PhD, 2004, California, Los Angeles. (2005)

Jeanne Nagayama Hall, senior instructor (elementary education, educational psychology, freshman mentoring); undergraduate field experience coordinator; faculty director, freshman multicultural scholars academic residential community. BA, 1978, Azusa Pacific; MEd, 1984, Washington (Seattle). (2002)

Julie Heffernan**,** senior lecturer (sexuality and gender studies in education, social studies and language arts curriculum, educational equity and inclusion); graduate director, UO Teach. BA, 1990, MEd, 2004, PhD, 2010, Oregon (2013)

Jenefer Husman, associate professor (educational psychology). BS, 1992, Evergreen State College; MA, 1996, PhD, 1998, Texas, Austin. (2016)

Michelle Jacob, professor (Indigenous studies in education, health, gender and decolonization). BA, 1998, MA, 2001, California State, San Marcos; PhD, 2004, California, Santa Barbara. (2016)

Abby Lane, instructor (bilingual education, English language learners, migrant education). BA, 1983, California State, Northridge; MEd, 1992, Oregon. (2000)

Audrey Lucero, associate professor (literacy, bilingualism, dual-language schooling), BA, BS, 1996, Boston; MIT, 2002, Seattle; PhD, 2011, Washington (Seattle). (2011)

Lisa A. Mazzei, professor (qualitative research methodology, curriculum theory, whiteness studies). BA, 1983, Marshall; MA, 1984, PhD, 1996, Ohio State. (2012)

Edward M. Olivos, associate professor (bilingual education, Latinos and education, teacher preparation). BA, 1991, MA, 1997, PhD, 2003, San Diego State. (2007)

Jerry L. Rosiek, professor (qualitative research methods, teacher education, critical race theory in education research). BA, 1987, BS, 1988, Texas A & M; PhD, 1997, Stanford. (2005)

Jennifer Ruef, assistant professor (mathematics education, equity, inclusion and social justice). BS, 1990, MS, 2005, Wisconsin, Madison; PhD, 2016, Stanford. (2016)

Leilani Sabzalian, assistant professor (indigenous studies in education, teacher education, elementary social studies). BA, 2001, MEd, 2002, PhD, 2015, Oregon. (2017)

Alison Schmitke, senior lecturer (social foundations of education, social studies curriculum, sports education); director, undergraduate degree program. BA, 1994, Willamette; MEd, 1996, Portland State; PhD, 2008, Alabama. (2006)

Sarah Stapleton, assistant professor (food and environmental justice, social contexts of science and environmental education). BA, 2001, Sweet Briar College; EdM, 2005, Harvard; PhD, 2015, Michigan State. (2015)

Emeriti

Juliet "Jill" A. Baxter, associate professor emerita. AB, 1975, MA, 1986, PhD, 1987, Stanford; MA, 1977, Minnesota. (2002)

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)

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

- Bachelor of Arts **(**p. 2**)**
- Bachelor of Science **(**p. 2**)**

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

Code	Title	Credits
Premajor Courses		
EDST 111	Education and Social Change	4
EDST 211	Childhood Studies	4
EDST 225	School and Representation in Film	4
Learning, Teaching, and Assessment		
EDST 331	Autobiography of Schooling	4
EDST 332	Learning, Teaching, and Assessment I	3
EDST 333	Learning, Teaching, and Assessment II	3
EDST 338	Observation: Learning, Teaching, Assessment I	1
EDST 339	Observation: Learning, Teaching, Assessment II	1
Curriculum Theory		
EDST 342	Curriculum Studies I	4
EDST 343	Curriculum Studies II	4
Technology and Education		
EDST 422	Technology Education	4
Literacy		
EDST 463	Foundations of Literacy	4
EDST 464	Multicultural Literacy	4
Equality of Opportunity		
EDST 420	Living in a Stratified Society	4
Select 8 credits from the following:		8
EDST 452	Equal Opportunity: Poverty	
EDST 453	Equal Opportunity: Racism	
EDST 454	Equal Opportunity: Patriarchy	
EDST 455	Equal Opportunity: Homophobia	
EDST 456	Equal Opportunity: Decolonization	
EDST 457	Equal Opportunity: Diaspora and Immigration	
EDST 458	Observation: Equal Opportunity I [1]	
Additional Requirements		
EDST 440	Physical Education for Diverse Learners	3
EDST 471	Foundations of Algebra Learning	4
EDST 472	Foundations of Geometry Learning	4
MUS 322	Music Fundamentals	3
SPED 411	Foundations of Disability I	3
Total Credits		73

[1] Course may be repeated twice in conjunction with registering for an Equal Opportunity course.

Bachelor of Science Degree Requirements

Code	Title	Credits
Premajor Courses		
EDST 111	Education and Social Change	4
EDST 211	Childhood Studies	4
EDST 225	School and Representation in Film	4
Learning, Teaching, and Assessment		
EDST 331	Autobiography of Schooling	4
EDST 332	Learning, Teaching, and Assessment I	3
EDST 333	Learning, Teaching, and Assessment II	3
EDST 338	Observation: Learning, Teaching, Assessment I	1
EDST 339	Observation: Learning, Teaching, Assessment II	1
Curriculum Theory		
EDST 342	Curriculum Studies I	4
EDST 343	Curriculum Studies II	4
Technology and Education		
EDST 422	Technology Education	4
Literacy		
EDST 463	Foundations of Literacy	4
EDST 464	Multicultural Literacy	4
Equality of Opportunity		
EDST 420	Living in a Stratified Society	4
Select 8 credits from the following:		8
EDST 452	Equal Opportunity: Poverty	

EDST 453	Equal Opportunity: Racism	
EDST 454	Equal Opportunity: Patriarchy	
EDST 455	Equal Opportunity: Homophobia	
EDST 456	Equal Opportunity: Decolonization	
EDST 457	Equal Opportunity: Diaspora and Immigration	
EDST 458	Observation: Equal Opportunity I [1]	
Additional Requirements		
EDST 440	Physical Education for Diverse Learners	3
MATH 211	Fundamentals of Elementary Mathematics I	4
MATH 212	Fundamentals of Elementary Mathematics II	4
MATH 213	Fundamentals of Elementary Mathematics III	4
MUS 322	Music Fundamentals	3
SPED 411	Foundations of Disability I	3
Total Credits		77

[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.

Certificate in Educational Foundations—Secondary

UO undergraduates who are preparing for careers as middle or high school teachers major in the subject area they will teach. The certificate in educational foundations—secondary is designed to complement the subject area preparation of undergraduates planning to be middle or high school teachers. The certificate gives future secondary teachers an advantage by giving them the opportunity to develop the knowledge and skills necessary for teaching in the classroom before they enroll in Graduate School. This preprofessional certificate prepares highly competitive students for admission into graduate teacher education programs or other graduate programs in Oregon and around the country.

Four-Year Degree Plan

The degree plan shown is only a sample of how students may complete their degrees in four years. There are alternative ways. Students should consult their advisor to determine the best path for them.

Bachelor of Arts in Educational Foundations

Course	Title	Credits	Milestones
First Year			
Fall			
WR 121	College Composition I	4	
First term of first-year second-language sequence		4	
EDST 111	Education and Social Change	4	
General-education course in arts and letters		4	
	Credits	16	
Winter			
WR 122	College Composition II	4	
Second term of first-year second-language sequence		4	
General-education course in science		4	
Premajor course		4	
	Credits	16	
Spring			
Third term of first-year second-language sequence		4	
General-education course in social science		4	
General-education course in science		4	
Premajor course		4	
	Credits	16	
	Total Credits	48	

Course	Title	Credits	Milestones
Second Year			
Fall			
First term of second-year second-language sequence		4	
General-education course in social science		4	
EDST 225	School and Representation in Film	4	
EDST 471	Foundations of Algebra Learning	4	
	Credits	16	
Winter			
Second term of second-year second-language sequence		4	
General-education course in arts and letters		4	
EDST 472	Foundations of Geometry Learning	4	
Premajor course		4	
	Credits	16	
Spring			
Third term of second-year second-language sequence		4	
General-education course in science		4	
General-education course in social science		4	
General-education course in arts and letters		4	
	Credits	16	
	Total Credits	48	

Course	Title	Credits	Milestones
Third Year			
Fall			
EDST 331	Autobiography of Schooling	4	
EDST 211	Childhood Studies	4	
General-education course in arts and letters		4	
General-education course in science		4	
	Credits	16	
Winter			
EDST 332	Learning, Teaching, and Assessment I	3	
EDST 338	Observation: Learning, Teaching, Assessment I	1	
EDST 420	Living in a Stratified Society	4	
AAD 430	Youth Arts Curriculum and Methods	4	
General-education course in science		4	
	Credits	16	

Spring		
EDST 333	Learning, Teaching, and Assessment II	3
EDST 339	Observation: Learning, Teaching, Assessment II	1
EDST 440	Physical Education for Diverse Learners	3
EDST 422	Technology Education	4
General-education course in science		4
	Credits	15
	Total Credits	47

Course	Title	Credits	Milestones
Fourth Year			
Fall			
EDST 456	Equal Opportunity: Decolonization	3	
EDST 458 or EDST 457	Observation: Equal Opportunity I or Equal Opportunity: Diaspora and Immigration	1	
MUS 322	Music Fundamentals	3	
SPED 411	Foundations of Disability I	3	
General-education course in arts and letters		4	
	Credits	14	
Winter			
EDST 342	Curriculum Studies I	4	
EDST 463	Foundations of Literacy	4	
	Credits	8	
Spring			
EDST 343	Curriculum Studies II	4	
EDST 464	Multicultural Literacy	4	
EDST 452	Equal Opportunity: Poverty	3	
EDST 458 or EDST 455	Observation: Equal Opportunity I or Equal Opportunity: Homophobia	1	
	Credits	12	
	Total Credits	34	

Bachelor of Science in Educational Foundations

Course	Title	Credits	Milestones
First Year			
Fall			
WR 121	College Composition I	4	
EDST 111	Education and Social Change	4	
MATH 211	Fundamentals of Elementary Mathematics I	4	
General-education course in arts and letters		4	
	Credits	16	
Winter			
WR 122	College Composition II	4	
MATH 212	Fundamentals of Elementary Mathematics II	4	
General-education course in social science		4	
Premajor course		4	
	Credits	16	
Spring			
MATH 213	Fundamentals of Elementary Mathematics III	4	
General-education course in social science		4	
General-education course in arts and letters		4	
Premajor course		4	
	Credits	16	
	Total Credits	48	

Course	Title	Credits	Milestones
Second Year			
Fall			
General-education course in arts and letters		4	
General-education course in social science		4	
General-education course in science		4	
Premajor course		4	
	Credits	16	
Winter			
General-education course in science		4	
General-education course in arts and letters		4	
General-education course that also satisfies a multicultural requirement		4	
Minor elective		4	
	Credits	16	
Spring			
General-education course in science		4	
General-education course that also satisfies a multicultural requirement		4	
Minor electives		8	
	Credits	16	
	Total Credits	48	

Course	Title	Credits	Milestones
Third Year			
Fall			
EDST 331	Autobiography of Schooling	4	
EDST 211	Childhood Studies	4	
General-education course in science		4	
Minor elective course		4	
	Credits	16	
Winter			
EDST 332	Learning, Teaching, and Assessment I	3	
EDST 338	Observation: Learning, Teaching, Assessment I	1	
EDST 420	Living in a Stratified Society	4	
AAD 430	Youth Arts Curriculum and Methods	4	
General-education course in science		4	
	Credits	16	
Spring			
EDST 333	Learning, Teaching, and Assessment II	3	

EDST 339	Observation: Learning, Teaching, Assessment II	1
EDST 422	Technology Education	4
EDST 440	Physical Education for Diverse Learners	3
General-education course in science		4
	Credits	15
	Total Credits	47

Course	Title	Credits	Milestones
Fourth Year			
Fall			
EDST 456	Equal Opportunity: Decolonization	3	
EDST 458 or EDST 457	Observation: Equal Opportunity I or Equal Opportunity: Diaspora and Immigration	1	
MUS 322	Music Fundamentals	3	
SPED 411	Foundations of Disability I	3	
	Credits	10	
Winter			
EDST 342	Curriculum Studies I	4	
EDST 463	Foundations of Literacy	4	
	Credits	8	
Spring			
EDST 343	Curriculum Studies II	4	
EDST 464	Multicultural Literacy	4	
EDST 452	Equal Opportunity: Poverty	3	
EDST 458 or EDST 455	Observation: Equal Opportunity I or Equal Opportunity: Homophobia	1	
	Credits	12	
	Total Credits	30	

- Master of Education (p. 5)
- Master of Science (p. 5)
- Doctor of Philosophy (p. 6)
- ESOL Endorsement (p. 6)

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 the sociocultural context of teaching and learning, culturally sustaining pedagogy, and supportive learning communities. Completion of the program leads to a teaching license and a master of education degree (MEd) in curriculum and teaching.

The UO Teach program offers general-education specializations in elementary multiple subjects and middle-high school education in the following content endorsement areas:

1. English language arts
2. Social science
3. Science education (biology, chemistry, physics, or integrated general science)
4. Mathematics (advanced and foundational)
5. World languages (French, German, Japanese, Mandarin Chinese, and Spanish)

To ensure all graduates are trained to teach culturally and linguistically diverse youth, both specializations include embedded preparation for the English for Speakers of Other Languages (ESOL) endorsement.

UO Teach is a four-term, full-time program, though students may be accepted for a two-year, part-time program. The graduate program begins in June, preparing students for 34 weeks of progressive field experience in local schools, starting in the fall. It is a cohort-based program (students are taught as a community rather than as individuals) in which students explore approaches to teaching and learning that advance equity and access, value individual student's strengths, facilitate critical thinking, and reflect culturally responsive methods and practices that serve all learners. Study plans are based on endorsement area sequential courses.

Upon successful completion of related course work, field placement, and licensure requirements, candidates are eligible to apply for a Teacher Standards and Practices Commission Oregon teaching license. The preliminary teaching licenses and subsequent renewals and out-of-state transfers require a College of Education recommendation.

More information on the program is available at the website (https://education.uoregon.edu/uoteach/).

Application and Admission

The program is competitive, with limited enrollment. Admission criteria include a bachelor's degree with required content preparation, a 3.00 grade point average (GPA), demonstrated working experience with school-age youth, passing subject-area test scores for Oregon Educator Licensure Assessments (ORELA), 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

Code	Title	Credits
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 but want to build on their knowledge by adding a master's degree. Study plans are individualized based on an applicant's educational pursuits. The program accepts applicants on an annual basis. Interested applicants may access the application from October through January 30; the program begins summer session, in June.

Enrollment is limited. Program admission is based on grade point average, recommendations, need in the field, and the results of an

interview. See the website (https://education.uoregon.edu/program/curriculum-and-teachers-education/) for application details.

Application and Admissions

Enrollment is limited. Program admission is based on grade point average, recommendations, need in the field, and the interview. See the website (https://education.uoregon.edu/program/curriculum-and-teachers-education/) for application details.

English for Speakers of Other Languages (ESOL) Endorsement

English learners and emerging bilinguals face linguistic and cultural barriers when acquiring context knowledge in a mainstream classroom. 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. In addition, this endorsement equips teachers with an awareness of the challenges students face in developing English language proficiency and content simultaneously, and how effective use of culturally relevant materials and teaching strategies can help to counteract this challenge.

Licensed teachers who complete the ESOL program demonstrate the following:

- proficiency in planning, delivery, and assessment of English language development instruction
- knowledge of effective inclusive language development program models
- ability to serve as a resource to classroom teachers to ensure a student's successful transition from an English language development program to mainstream classrooms
- ability to serve as an advocate for emerging bilinguals who supports equity and access in educational settings

ESOL Endorsement Requirements

Code	Title	Credits
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. This endorsement allows licensed teachers to become ESOL specialists.

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.

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 the website (https://education.uoregon.edu/program/reading-endorsement/).

Licensure

Licensure programs of the Department of Education Studies meet the requirements for the Oregon Teacher Standards and Practices Commission for a preliminary teacher license in elementary multiple subjects and middle or high school education content areas. Endorsements are available in ESOL and ESOL-bilingual specialization 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 is designed to prepare scholars who intend to be active in the professional research association in their field, publish research in peer-reviewed journals and academic presses, secure positions as faculty members at research universities or research centers, or work at state and federal agencies.

The program provides a comprehensive approach to educational research that considers the consequences of contemporary schooling systems while developing alternatives to current practices that result in systemic change. To provide concentrated faculty support and mentorship for each student, only a small cohort of seven to ten students are accepted every other year, with admission in the fall of odd-numbered years.

The course of study includes a strong foundation in both qualitative and quantitative research methodologies. Students also choose a set of courses from two of the following areas to focus their studies:

- cultural and linguistic context of schools
- psychological studies in education
- social context of education
- teacher education

In addition, students complete a supervised research apprenticeship in the second year of study and devise a set of cognate courses in consultation with an advisor.

Admission

The program is small—fewer than 10 students are typically admitted every two years. Applications are accepted from early fall through mid-January for admission in odd-numbered years. The next cohort will be admitted for fall 2019. Application details are available online (https://education.uoregon.edu/csse/).

Courses

EDST 111. Education and Social Change. 4 Credits.
Students will evaluate historical, philosophical, and social viewpoints related to the purposes and goals of American education. Additionally, students will compare/contrast multiple approaches to address a range of challenges and opportunities in American schools.

EDST 196. Field Studies: [Topic]. 1-2 Credits.
Repeatable.

EDST 198. Workshop: [Topic]. 1-2 Credits.
Repeatable.

EDST 199. Special Studies: [Topic]. 1-5 Credits.
Repeatable. A recent topic is Exploring Educational Studies.

EDST 211. Childhood Studies. 4 Credits.
Examines child development from within the context of specific development and ecological theories.

EDST 220. Beginning Applications in Educational Technology. 4 Credits.
Development of skills and exploration of computer applications useful for communicating in an educational setting.

EDST 225. 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.

EDST 231. Teaching in the 21st Century. 4 Credits.
Exploration of who teachers are and what teachers do in urban, suburban, and rural school settings.

EDST 331. Autobiography of Schooling. 4 Credits.
Through critical autobiographies, case studies, readings and application activities, students examine and reflect on life in classrooms.

EDST 332. 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.

EDST 333. 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.

EDST 338. 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.

EDST 339. Observation: Learning, Teaching, Assessment II. 1 Credit.
Focuses on developing skills in observation of learning, teaching, and assessments.
Coreq: EDST 333.

EDST 342. Curriculum Studies I. 4 Credits.
Examines basic assumptions underlying curriculum in specific subject areas.

EDST 343. Curriculum Studies II. 4 Credits.
Examines basic assumptions underlying curriculum development in K-12 schools.
Prereq: EDST 342.

EDST 399. Special Studies: [Topic]. 1-5 Credits.
Repeatable. Recent topics include Exploring Educational Studies, IDEA Reading.

EDST 401. Research: [Topic]. 1-18 Credits.
Repeatable.

EDST 402. Supervised College Teaching. 1-6 Credits.
Repeatable.

EDST 404. Internship: [Topic]. 1-18 Credits.
Repeatable.

EDST 405. Reading and Conference: [Topic]. 1-18 Credits.
Repeatable.

EDST 406. Special Problems: [Topic]. 1-16 Credits.
Repeatable. Recent topics include Educational Foundations.

EDST 407. Seminar: [Topic]. 1-5 Credits.
Repeatable. Recent topics include Professional Practices, Education for Minority Students, Reading in the Upper Elementary Grades.

EDST 408. Workshop: [Topic]. 1-6 Credits.
Repeatable.

EDST 409. Practicum: [Topic]. 1-18 Credits.
Repeatable. Topics include Integrated Licensure I, II, III.

EDST 410. Experimental Course: [Topic]. 1-5 Credits.
Repeatable. Topics include Foundations of Education, Science and Health Methods, Social Studies and Language Arts Methods.

EDST 411. Childhood Studies. 3 Credits.
Examines child development from within the context of specific development and ecological theories.

EDST 420. Living in a Stratified Society. 4 Credits.
Examines the stratification of wealth, status, and opportunity for advancement in our society.

EDST 422. Technology Education. 4 Credits.
Examines educational technology, including the theoretical, methodological, practical, and policy issues that influence the field.

EDST 440. Physical Education for Diverse Learners. 3 Credits.
Provides a variety of physical education and fitness activities appropriate for children with diverse abilities.

EDST 450. Equal Opportunity: Food and Schools. 3 Credits.
This course focuses on a topic that has typically been omitted from education courses and programs: food. Through this course, we will be thinking about the ways that food intersects with schools, and the implications of this for formal and informal educators.
Prereq: EDST 420 Coreq: EDST 458

EDST 452. Equal Opportunity: Poverty. 3 Credits.
Examines the way poverty structures and mediates educational experiences and influences the educational achievement of students.
Prereq: EDST 420Coreq: EDST 458

EDST 453. 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 420Coreq: EDST 458

EDST 454. Equal Opportunity: Patriarchy. 3 Credits.
Examines the way gender affects educational experiences and influences the educational achievement of students.
Prereq: EDST 420.

EDST 455. Equal Opportunity: Homophobia. 3 Credits.
Examines the way sexuality and sexual identity influence the educational experiences of students.
Prereq: EDST 420. Coreq: EDST 458.

EDST 456. Equal Opportunity: Decolonization. 3 Credits.
Examines educational institutions and their continuing part in larger social processes of colonization and cultural genocide.
Prereq: EDST 420.

EDST 457. 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

EDST 458. Observation: Equal Opportunity I. 1 Credit.
Engages students in the analysis of specific dimensions of educational opportunity in the field. Repeatable twice for a maximum of 3 credits.
Prereq: EDST 420; coreq: one from EDST 451, 452, 453, 454, 455, 456, 457.

EDST 463. Foundations of Literacy. 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.

EDST 464. 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.

EDST 471. Foundations of Algebra Learning. 4 Credits.
Focuses on the principles underlying the teaching and learning of algebra. Sequence with EDST 472.

EDST 472. Foundations of Geometry Learning. 4 Credits.
Focuses on the principles underlying the teaching and learning of geometry. Sequence with EDST 471.
Prereq: EDST 471.

EDST 507. Seminar: [Topic]. 1-5 Credits.
Repeatable. Recent topics include Professional Practices, Education for Minority Students, Reading in the Upper Elementary Grades.

EDST 508. Workshop: [Topic]. 1-6 Credits.
Repeatable.

EDST 510. Experimental Course: [Topic]. 1-5 Credits.
Repeatable. Topics include Foundations of Education, Science and Health Methods, Social Studies and Language Arts Methods.

EDST 550. Equal Opportunity: Food and Schools. 3 Credits.
This course focuses on a topic that has typically been omitted from education courses and programs: food. Through this course, we will be thinking about the ways that food intersects with schools, and the implications of this for formal and informal educators.
Optional Coreq: EDST 558

EDST 552. Equal Opportunity: Poverty. 3 Credits.
Examines the way poverty structures and mediates educational experiences and influences the educational achievement of students.

EDST 553. 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.

EDST 554. Equal Opportunity: Patriarchy. 3 Credits.
Examines the way gender affects educational experiences and influences the educational achievement of students.

EDST 555. Equal Opportunity: Homophobia. 3 Credits.
Examines the way sexuality and sexual identity influence the educational experiences of students.

EDST 556. Equal Opportunity: Decolonization. 3 Credits.
Examines educational institutions and their continuing part in larger social processes of colonization and cultural genocide.

EDST 557. Equal Opportunity: Diaspora and Immigration. 3 Credits.
Examines the way educational institutions have responded to human migration generally and to immigrant students specifically.

EDST 558. Observation: Equal Opportunity I. 1 Credit.
Engages students in the analysis of specific dimensions of educational opportunity in the field. Repeatable twice for a maximum of 3 credits.

EDST 572. Foundations of Geometry Learning. 4 Credits.
Focuses on the principles underlying the teaching and learning of geometry. Sequence with EDST 571.
Prereq: EDST 571.

EDST 601. Research: [Topic]. 1-16 Credits.
Repeatable.

EDST 602. Supervised College Teaching. 1-9 Credits.
Repeatable.

EDST 603. Dissertation. 1-16 Credits.
Repeatable.

EDST 605. Reading & Conference: [Topic]. 1-9 Credits.
Repeatable.

EDST 606. Field Studies: [Topic]. 1-9 Credits.
Repeatable.

EDST 607. Seminar: [Topic]. 1-5 Credits.
Repeatable.

EDST 608. Workshop: [Topic]. 1-5 Credits.
Repeatable.

EDST 609. Practicum: [Topic]. 1-16 Credits.
Repeatable.

EDST 610. Experimental Course. 1-5 Credits.
Repeatable.

EDST 612. Foundations of Teaching and Learning. 3 Credits.
Provides students with the psychological foundations of teaching and learning.

EDST 614. 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.

EDST 616. 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.

EDST 618. Methods ESOL: 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.

EDST 620. Curricular Controversies: Math and Literacy. 4 Credits.
Focuses on the debates that influence, and in some cases overshadow, the teaching of mathematics and literacy from kindergarten to grade 12. Sequence with EDST 621, EDST 640.

EDST 621. Methods: 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.

EDST 622. Methods: 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.

EDST 623. Methods: 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.

EDST 624. Methods: 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.

EDST 627. Mgmt: 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.

EDST 628. Mgmt: 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.

EDST 630. 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.

EDST 631. Methods ELA: 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.

EDST 632. Methods: 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.

EDST 633. Methods: 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.

EDST 634. Methods: 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.

EDST 635. Methods: 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.

EDST 636. Methods: 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.

EDST 638. Methods ESOL: English Language Learners Pedagogy 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.

EDST 640. Methods: 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.

EDST 642. Methods: Humanities Pedagogy. 4 Credits.
Explores the application of language arts and social studies methods and strategies for future elementary school practitioners.

EDST 643. Methods: 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.

EDST 645. Methods: Teaching Science-Detail and Discovery. 4 Credits.
Emphasizes science as a process of contemplating, exploring, and raising questions about the world in elementary classrooms.

EDST 646. Methods ESOL: Eng Lang Learners Pedagogy Elementary Classrm. 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.

EDST 650. 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.

EDST 654. Learning and Motivational Sciences. 4 Credits.
Survey of the learning and motivational sciences for advanced graduate students. Offered alternate years.

EDST 660. Urban Schools: History and Politics. 4 Credits.
Examines the historical, economic, political, legal, and social context of contemporary urban schooling systems. Offered alternate years.

EDST 661. 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.

EDST 662. 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.

EDST 663. 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.

EDST 666. Thesis Writing. 4 Credits.
Seminar for doctoral students who have advanced to candidacy. Emphasis is on support through the dissertation proposal writing process. Repeatable twice for a maximum of 12 credits.

EDST 667. 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.

EDST 670. Philosophy of Research. 4 Credits.
Examines the philosophical assumptions that underlie various research methodologies in the human and social sciences.

EDST 673. 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.