Education (EDUC)

Courses

EDUC 199. Special Studies: [Topic]. 1-5 Credits.
Recent topics include Exploring Careers in Education.
Repeatable 99 times

EDUC 399. Special Studies: [Topic]. 1-5 Credits.
Experimental course - topic varies.
Repeatable 99 times

EDUC 406. Practicum: [Topic]. 1-12 Credits.
Recent topics include Peer Advising Experience.
Repeatable 99 times

EDUC 407. Seminar: [Topic]. 1-5 Credits.
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.
Repeatable 99 times

EDUC 408. Workshop: [Topic]. 1-18 Credits.
An intensive experience, limited in scope and time, in which a group of students focus on skills development rather than content mastery.
Repeatable 99 times

EDUC 410. Experimental Course: [Topic]. 1-5 Credits.
Experimental course - topic varies.
Repeatable 99 times

EDUC 507. Seminar: [Topic]. 1-5 Credits.
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.
Repeatable 99 times

EDUC 508. Workshop: [Topic]. 1-18 Credits.
An intensive experience, limited in scope and time, in which a group of students focus on skills development rather than content mastery.
Repeatable 99 times

EDUC 510. Experimental Course: [Topic]. 1-5 Credits.
Experimental course - topic varies.
Repeatable 99 times

EDUC 605. Reading and Conference: [Topic]. 1-16 Credits.
A particular selection of material read by a student and discussed in conference with a faculty member.
Repeatable 99 times

EDUC 606. Practicum: [Topic]. 1-16 Credits.
A series of clinical experiences under academic supervision designed to integrate theory and principles with practice.
Repeatable 99 times

EDUC 607. Seminar: [Topic]. 1-5 Credits.
Recent topics include Advanced Professional Practices.
Repeatable 99 times

EDUC 609. Terminal Project. 1-12 Credits.
A presentation incorporating the knowledge and skills acquired from course work completed for a degree.
Repeatable 99 times

EDUC 610. Experimental Course: [Topic]. 1-5 Credits.
Experimental course - topic varies.
Repeatable 99 times

EDUC 610L. Experimental Course: [Topic]. 1-4 Credits.
Experimental course - topic varies.
Repeatable 99 times

EDUC 611. 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.

EDUC 612. Social Science and Education Research Design. 3 Credits.
Overview of qualitative, quantitative, and single-subject research methods. Emphasis on introducing students to considerations, issues, and techniques of social science research design.

EDUC 614. Introductory Statistics for Practitioners I. 3 Credits.
Introduction to statistics for practitioners and research consumers. Includes descriptive statistics of samples and inferential statistics of populations, including chi-square tests, correlation and simple regression, t-tests, and one-way ANOVA. Sequence with EDUC 640.
Requisites: Prereq: EDUC 611 or EDUC 612.

EDUC 615. Qualitative Data and Coding Methods. 3 Credits.
Introduces basic methods of qualitative research, including data collection and thematic coding of interview and observation data.

EDUC 616. Philosophical Foundations of Social Science. 4 Credits.
This course examines the philosophical assumptions that underlie various research methodologies in the human and social sciences. It additionally introduces beginning doctoral students to the work of a variety of professors in the College of Education.

EDUC 620. Program Evaluation I. 3 Credits.
Focuses on small-scale evaluations, particularly in the field of education and human services. Students plan and design an evaluation.
Requisites: Prereq: EDUC 640 or EDUC 641.

EDUC 621. Program Evaluation II. 3 Credits.
Implementation and completion of the evaluation design defined in Program Evaluation I.
Requisites: Prereq: EDUC 620.

EDUC 630. 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.

EDUC 632. 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.
Requisites: Pre- or coreq: EDUC 630.

EDUC 634. 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.
Requisites: Pre- or coreq: EDUC 630, EDUC 632.

EDUC 636. 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.
Requisites: Pre- or coreq: EDUC 630, EDUC 632, EDUC 634

EDUC 640. Introductory Statistics for Practitioners II. 3 Credits.
Intermediate statistics for practitioners and research consumers. Includes multiple regression with continuous and categorical predictors and factorial ANOVA. Sequence with EDUC 614.
Requisites: Prereq: EDUC 614.

EDUC 641. Applied Statistics in Education and Human Services I. 3 Credits.
First course in a PhD and advanced master's degree three-course sequence intended to provide a toolkit of statistical concepts, methods and their implementation to producers of applied research in education and other social sciences. Course is organized around principles of research design. Sequence with EDUC 614, EDUC 640, EDUC 643.

EDUC 643. Applied Statistics in Education and Human Service II. 3 Credits.
Second course in a PhD and advanced master's degree level three-course sequence intended to provide a toolkit of statistical concepts, methods and their implementation to producers of applied research in education and other social sciences. Course is organized around the principle that research design. Sequence with EDUC 614, EDUC 640, EDUC 641.
Requisites: Prereq: EDUC 641.

EDUC 645. Applied Statistics in Education and Human Services III. 3 Credits.
Third course in a PhD and advanced master's degree level, three-course sequence to provide a toolkit of statistical concepts, methods, and their implementation to producers of applied research in education, human services, and other social sciences. Sequence with EDUC 641, EDUC 643.
Requisites: Prereq: EDUC 643.

EDUC 646. Advanced Research Design. 3 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.
Requisites: Prereq: EDUC 643.

EDUC 650. Single-Subject Research Methods I. 3 Credits.
Basic single-subject design strategies and general procedures as well as issues related to conducting and analyzing single-subject research in applied settings. Sequence with EDUC 652.

EDUC 652. Single-Subject Research Methods II. 3 Credits.
Critical evaluation of single-subject and group-analysis research designs; elaboration on critical topics in single-subject methodology. Sequence with EDUC 650.
Requisites: Prereq: EDUC 650.

EDUC 654. Advanced Applied Behavior Analysis. 3 Credits.
Doctoral-level seminar designed to provide skills, practice, and knowledge in advanced methods and theory of applied behavior analysis.

Requisites: Prereq: EDUC 652.

EDUC 656. 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, EDUC 652, EDUC 654. Offered alternate years.
Requisites: Prereq: EDUC 650. One course in structural equation modeling or hierarchical linear modeling is recommended preparation.