

EDUCATION: FOUND. & POLICY (EDF)

EDF 2005 - Intro to Teach Prof (3 Credits)

Introduces the teaching profession through an overview of its foundational principles, educational systems, and current topics in education. Includes 15 hours of required field experience in PreK–12 schools.

EDF 3132 - Adolescent Growth & Dev (3 Credits)

Examines patterns of cognitive and behavioral development in adolescence with emphasis on applications for instruction, classroom management, and student support in secondary school settings.

Attribute(s): SUSC - Sustainability Component

EDF 3251 - Classroom Org & Management (3 Credits)

Explores strategies for organizing instruction, managing classroom behavior, and creating safe, effective learning environments. Emphasizes school safety, professional conduct, and classroom legal considerations.

EDF 4112 - Child Growth and Development (3 Credits)

Examines typical and atypical child development from birth through adolescence, emphasizing developmental patterns, learning environments, and major educational theories that inform teaching practice.

Attribute(s): SRVC - Service Learning Component

EDF 4424 - Youth Focused Evaluation (3 Credits)

This course will provide an overview of knowledge and concepts related to assessment and program evaluation. Best practices and methods in designing appropriate, evaluation-aligned assessment tools will be a key feature of the course.

EDF 4470 - Classroom Assessment (3 Credits)

Focuses on the design, administration, and interpretation of classroom assessments and standardized tests. Emphasizes using assessment data to guide instruction, support student learning, and communicate results effectively.

EDF 4650 - Youth & Community Resilience (3 Credits)

This course explores situations that place youth at risk such as poverty, disability, stressors and family dissolution. An examination of family strengths, cultural diversity and techniques for working with families in community based settings. The course will primarily focus upon: a) youth, family, community, and developmental contexts of risk and resiliency, and b) community approaches to support youth and families.

EDF 4731 - Youth & Community Leadership (3 Credits)

This course focuses on specific effective professional communication efforts of administrators and community leaders from social agencies, educational settings, and organizational environments, including non-profit agencies and organizations.

EDF 4810 - Intro to Comparative Education (3 Credits)

This course will examine and compare educational systems in their national contexts around the world. Emphasis will be placed on a blend of historical, philosophical, political, cultural, and sociological perspectives on a variety of foundational topics in international education, including the vital interests of developing and developed states; the implications for ethno-nationalism, political, economic, environmental and educational relationships.

EDF 5259 - Classroom Mgt and Org (3 Credits)

Examines strategies for managing instruction, organization, and classroom leadership to promote a productive and safe learning environment. Emphasizes the application of professional ethics, legal responsibilities, and evidence-based practices in educational settings.

EDF 5443 - Classroom Assessment & Eval (3 Credits)

Focuses on research-based methods for assessing student learning, analyzing classroom data, and using evidence to inform instructional decisions and improve student outcomes.

EDF 6215 - Learning Principles (3 Credits)

Focuses on theories of learning and their application to instruction.

EDF 6284 - Instructional Design (3 Credits)

Hands-on experience with several systematic designs of instructional courseware. Topics include instructional strategies, comparison and implementation of instructed designs, and a simulated design environment.

EDF 6401 - Data and Analysis in Education (3 Credits)

Introduces methods for analyzing student performance data to guide continuous school improvement. Emphasizes the use of multiple quantitative measures to identify academic trends, implement progress monitoring systems, and support evidence-based instructional decisions.

EDF 6432 - Foundation of Measurement (3 Credits)

Introduces fundamental concepts of measurement and assessment in education, including the development of teacher-made tests, use of classroom assessments, interpretation of standardized test data, and application of basic descriptive statistics to support instructional decision-making.

EDF 6449 - Survey Research Design (3 Credits)

Design, use and analysis of survey questionnaires for data collection; significant research questions and strengths and weaknesses of various methodologies will be discussed.

EDF 6461 - Intro. to Program Evaluation (3 Credits)

This course provides an overview of program evaluation approaches and models, and standards of quality professional practice; prepares students for roles as program coordinators, administrators, evaluators in education. Students will apply principles of program evaluation.

EDF 6481 - Foundations of Ed Research (3 Credits)

Analysis of major types of educational research design, including experimental, correlational, ex post facto, and case studies.

EDF 6748 - Soc Justice/Critical Pedagogy (3 Credits)

In this course, students will explore critical theories and pedagogies to address educational equity and access, power, and approaches for deepening our practice as citizens in a democracy. Students become familiar with key concepts and principles of critical theory, critical pedagogy, and social justice education so that they may use this body of work to inform their teaching, leadership, scholarship, and, perhaps, their lives. In addition, students will have the opportunity to explore institutionalized systems of privilege.

EDF 6808 - Global Context in Higher Ed (3 Credits)

This course introduces the student to higher education in a global context. The students will examine trends in higher education in the global context, compare higher education systems, identify internationally framed higher education collaborations and partnerships, and explore innovative curriculum models and multi-national student learning experiences.

EDF 6908 - Independent Study (3 Credits)

Individual study by students under the direction of a faculty member.

EDF 6938 - Curr Topics, Multic & Multilin (3 Credits)

This course will address current topics in multicultural and/or multilingual education.

EDF 6939 - Seminar in Action Research (3 Credits)

The systematic observation of one's own practice with the goal to understand, improve practice, and/or investigate the current state of education settings and practice.

EDF 7416 - Quantitative Analysis (3 Credits)

Introductory statistics including non-parametric tests, bi-variate correlational statistics, chi-square, product-moment correlation, simple linear and t-test, and analysis of variance purposes of analyzing educational issues through and computer analysis and interpretation skills.

EDF 7417 - Advanced Quantitative Analysis (3 Credits)

A second-level course in quantitative analysis (statistics) for educational research. Includes multivariate methods such as Analysis of Covariance, Multivariate Analysis of Variance and Covariance, Multiple Regression, Path Analysis, Factor Analysis, Discriminant Analysis, and Logistic Regression.

EDF 7475 - Qualitative Rsrch Desg & Anls (3 Credits)

Basic concepts and principles of qualitative research; the nature of qualitative research, developing research questions, types of qualitative research, sampling, and data analysis and interpretation.

EDF 7478 - Advanced Qualitative Analysis (3 Credits)

Various methods of data collection, including interviews, focus groups, observations, artifact collection, oral history, and mapping are included. Various methods of coding and summarizing data and available software are addressed.

Prerequisite(s): EDF 7416 and EDF 7475

EDF 7483 - Mixed Methods Analysis (3 Credits)

This advanced course is offered as an advanced research class for doctoral level students. The purpose of the course is to familiarize students with the rationale and use of mixed methodology in educational research, driven by a pragmatic research paradigm that contains both the quantitative and qualitative approaches to data collection, analysis, and interpretation. The course structure has two main parts: (1) group work practicing quantitative, qualitative, and mixed analysis procedures and (2) individualized work leading to a proposal for a mixed methods study.

EDF 7517 - History of American Schooling (3 Credits)

The history of primary and secondary schooling from the colonial period to the near present will be explored, including periods of significant transformation and the forces that have produced continuity over time. The interaction between educational practices and the larger cultural, social, economic, and political context will be considered.

EDF 7883 - Comp Res & Pedagogy in MCL Edu (3 Credits)

In this course, students will examine and critique the role of multilingual and multicultural education both nationally and globally using comparative study. We will explore the methods, major concepts and current trends in comparative education and explore various facets of societies that impact the educational system. Students will develop analytical skills in examining our assumptions surrounding schooling and international education. Students will apply relevant theories, exploring practical applications and expressions of contemporary problems in international education, examining diversity within contemporary educational systems that are subject to global political and economic forces.

EDF 7886 - Multicultural Education (3 Credits)

This course examines multicultural education through a focus on the historical, sociological, theoretical, and philosophical foundations of education. Special emphasis is placed on the role of ethnicity in the development of the US education system.

EDF 7889 - Multilingual Education (3 Credits)

This course examines issues that affect educational policy and instructional practice in multilingual settings. Emphasis is placed on learners' multilanguage and multiliteracy continuum within the educational context.

EDF 7943 - Cur Iss Ed Assess Dec Making (3 Credits)

Instruction in and linkages to issues related to measurement, assessment and evaluation concepts, which are integral to educational policy and decision-making.