Education (EDU)

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EDU 5003. Research Methods. (3-0) 3 Credit Hours.
Prerequisite: Admission to graduate program or consent of instructor. Basic concepts of research design, strategies of experimental, historical, and descriptive research, and basic statistical procedures are introduced. Participants use these concepts to read, interpret, and evaluate educational and counseling research and to plan such research.

EDU 5103. Advanced Foundations of Education. (3-0) 3 Credit Hours.
Analysis of contemporary issues in the foundations of American education. Topics discussed include the structure of U.S. schooling and the historical, sociopolitical, philosophical, cultural, and ethical aspects of education. (Formerly titled “Contemporary Educational Philosophy.”).

EDU 6223. Education in a Culturally and Linguistically Diverse Society. (3-0) 3 Credit Hours.
The study of cultural and economic issues in education from philosophical, historical, political, and sociological perspectives. These issues will be related to educational leadership and equity in education.

EDU 6961. Comprehensive Examination. (0-0) 1 Credit Hour.
Prerequisite: Approval of the appropriate Graduate Program Committee to take the Comprehensive Examination. Independent study course for the purpose of taking the Comprehensive Examination. May be repeated as many times as approved by the Graduate Program Committee. Enrollment is required each term in which the Comprehensive Examination is taken if no other courses are being taken that term. The grade report for the course is either “CR” (satisfactory performance on the Comprehensive Examination) or “NC” (unsatisfactory performance on the Comprehensive Examination).

EDU 6973. Special Problems. (3-0) 3 Credit Hours.
Prerequisite: Consent of instructor. An organized course offering the opportunity for specialized study not normally or not often available as part of the regular course offerings. Special Problems courses may be repeated for credit when the topics vary, but not more than 6 hours, regardless of discipline, will apply to the Master's degree.

EDU 6983. Master's Thesis. (0-0) 3 Credit Hours.
Prerequisites: Permission of the Graduate Advisor of Record and thesis director. Thesis research and preparation. May be repeated for credit, but not more than 6 hours will apply to the Master's degree. Credit will be awarded upon completion of the thesis. Enrollment is required each term in which the thesis is in progress.

EDU 7003. Survey of Research Methods. (3-0) 3 Credit Hours.
Prerequisite: Consent of instructor. A survey of research methodology including fundamental concepts employed in quantitative and qualitative research in education; may include computer applications for research.

EDU 7043. Educational Research Statistics: Descriptive and Comparative. (3-0) 3 Credit Hours.
Prerequisite: Consent of instructor. Review of descriptive statistics, study of comparative statistics including t-tests and ANOVA, reporting and plotting functions, and Chi-square applications. (Formerly EDU 7113. Credit cannot be earned for both EDU 7043 and EDU 7113.)

EDU 7063. Inferential Statistics. (3-0) 3 Credit Hours.
Prerequisite: EDU 7043 or equivalent. The logic of inference in research with special emphasis on statistical techniques and the appropriate types of inference related to each. Computer programs will be used to analyze simulated data. (Formerly EDU 7053. Credit cannot be earned for both EDU 7063 and EDU 7053.)

EDU 7103. Qualitative Research Traditions. (3-0) 3 Credit Hours.
Prerequisite: Consent of instructor. Covers major qualitative research paradigms and traditions. Includes the study of qualitative research designs with comprehensive exercises for the student in stating the research problem, reviewing the relevant research literature, specifying appropriate methods and procedures, and identifying analytic procedures. Students are required to produce an original qualitative research design as a major component of the course.

EDU 7123. Advanced Qualitative Data Analysis. (3-0) 3 Credit Hours.
Prerequisite: EDU 7103 or equivalent. Advanced study of qualitative research methods in a laboratory mode that emphasizes the applied and computing aspects of qualitative research design, data analysis, and presentation of findings. The goal is to enable students to use computers effectively in the analysis of qualitative (text) data, and to enhance their understanding of interpretive research methods and designs. Lectures, demonstrations, discussions, hands-on work with software and data, and readings will be the main class activities. Students will be required to complete a pilot research project.

EDU 7133. The Role of Research in Educational Environments. (3-0) 3 Credit Hours.
Prerequisite: EDU 7043 or EDU 7103. Application of research techniques in school-based settings. Students design research proposals using qualitative and quantitative perspectives and ‘pilot test’ them in an educational environment.

EDU 7213. Educational Reform. (3-0) 3 Credit Hours.
Prerequisite: Consent of instructor. Examination of the historical and philosophical roots of school reform during the last 100 years. The course will focus on different perspectives on analysis and evaluation of school reform efforts for culturally diverse populations.

EDU 7223. Learning in a Culturally and Linguistically Diverse Society. (3-0) 3 Credit Hours.
Prerequisite: Consent of instructor. Examination of cultural and linguistic diversity from a variety of theoretical perspectives. Emphasis on historical, sociological, and sociopolitical principles and their application to teaching, learning and leadership in culturally and linguistically diverse educational settings.

EDU 7403. Education, Cultural Differences, and Acculturation. (3-0) 3 Credit Hours.
Advanced level consideration of the impact of cultural differences upon the education process. Interactions of schooling and social life with the process of acculturation. Study of procedures and techniques for identifying and ameliorating educational problems related to cultural differences.