EDUR Educational Research

EDUR 7090  Selected Topics in Educational Research
3 Credit Hours.  3 Lecture Hours.  0 Lab Hours.
Readings and research under the direction of a member of the educational research faculty whose interests coincide with those of the student.
Prerequisite(s): Permission of Instructor.

EDUR 7130  Educational Research
3 Credit Hours.  3 Lecture Hours.  0 Lab Hours.
A comprehensive overview of topics related to research as it is applied to educational settings. Emphasis is placed upon methods of quantitative and qualitative research, especially in regard to applied and basic research in education.
Cross Listing(s): FRER 7130.

EDUR 7999  Thesis/Research Project
1-6 Credit Hours.  0 Lecture Hours.  0 Lab Hours.
Requires completion of an independent research project on topic approved by faculty advisor/committee.
Prerequisite(s): Permission of instructor.

EDUR 8131  Educational Statistics I
3 Credit Hours.  3 Lecture Hours.  0 Lab Hours.
Topics covered in this course include central tendency, variability, distributions, correlation, significance testing, t-tests, linear regression and chi-square analysis. Emphasis is placed on application of statistics in educational research situations.
Prerequisite: EDUR 7130 or equivalent or permission of instructor.

EDUR 8132  Educational Statistics II
3 Credit Hours.  3 Lecture Hours.  0 Lab Hours.
This is an advanced statistics in education course that extends knowledge of educational research situations and statistical procedures beyond EDUR 8131. Emphasis is placed on more complex analysis of variance procedures (e.g., repeated measures, analysis of covariance), multiple regression analysis and multiple dependent variable techniques (e.g., canonical correlation) as applicable to current educational research problems.
Prerequisite(s): Minimum grade of “B” in EDUR 8131.

EDUR 8231  Applied Qualitative Research Methods
3 Credit Hours.  3 Lecture Hours.  0 Lab Hours.
This course will provide practical experience applying qualitative research methods in a variety of settings. Topics addressed in the course include selecting participants, conducting observations, creating descriptive field notes, interviewing techniques, analyzing qualitative data, and writing qualitative reports.
Prerequisite(s): A minimum grade of “C” in EDUR 7130.

EDUR 8331  Applied Measurement
3 Credit Hours.  3 Lecture Hours.  0 Lab Hours.
This course will provide an introduction to concepts and practices in measurement and survey research. Practical applications of measurement — such as interpreting standardized test scores, constructing and administering tests and questionnaires, and producing evidence for validity and reliability — will be included.
Prerequisite(s): A minimum grade of “C” in EDUR 7130 and EDUR 8131.

EDUR 8434  Field-Based Educational Research
3 Credit Hours.  0 Lecture Hours.  0 Lab Hours.
Designed primarily to assist Ed. S. level students in developing a sound research proposal for the conduct of an independent research project required as part of their Ed.S. program.
Prerequisite(s): Minimum grade of "C" in EDUR 8131 and submission of a signed topic approval form.