RESEARCH AND EVALUATION (RESEV)

Courses primarily for graduate students, open to qualified undergraduates:

**RESEV 550: Introduction to Educational Research**
(3-0) Cr. 3. F.S.SS.
Understanding the nature of quantitative and qualitative research; reviewing the literature; developing research problems and questions; research designs; data collection and analysis issues; evaluating research studies.

**RESEV 552: Basic Educational Statistics**
(3-0) Cr. 3. F.
Statistical concepts and procedures for analyzing educational data; descriptive statistics, correlation, t tests, and chi square with computer applications.

**RESEV 553: Intermediate Educational Statistics**
(3-0) Cr. 3.
Prereq: RESEV 552 or STAT 401
A continuation of statistical concepts and procedures for analyzing educational data, using multiple regression and logistic regression.

**RESEV 554: Intermediate Research Methods**
(3-0) Cr. 3. SS.
Prereq: RESEV 553 or STAT 404
Intermediate quantitative research methodology in preparation for carrying out thesis and dissertation research, with an emphasis on the estimation of causal effects using observational data.

**RESEV 570: Surveys in Educational Research**
(3-0) Cr. 3. S.
Prereq: RESEV 552 or equivalent
Examination of survey design and administration in educational research. Designing surveys; developing, evaluating, and asking survey questions; survey sampling; measuring survey reliability and validity; administering mail and web surveys; decreasing survey nonresponse; conducting post-collection survey data processing; conducting survey research with integrity.

**RESEV 580: Introduction to Qualitative Research Methodology**
(3-0) Cr. 3.
Qualitative research in the human sciences, emphasizing education; principles of qualitative inquiry, including theoretical foundations, research design, and fieldwork.

**RESEV 590: Special Topics**
Cr. 1-3. Repeatable. F.S.SS.
Prereq: Graduate standing
Guided reading and in research and evaluation study on special topic.

**RESEV 591: Supervised Field Experience**
Cr. 2-4. Repeatable.
Prereq: RESEV 553 or RESEV 680
Supervised on the job field experience.

**RESEV 593: Workshop**
Cr. 1-3. Repeatable. F.S.SS.
Prereq: Graduate standing
Intensive, concentrated exposure to a special educational research or evaluation problem.

Methods and techniques for analyzing educational data; descriptive statistics, correlation, t tests, and chi square with computer applications.

**RESEV 597: Program Assessment and Evaluation**
(3-0) Cr. 3. S.
Prereq: RESEV 550
Evaluation models and professional standards. Techniques of evaluating educational programs. Emphasis on both theory and practical applications.

Courses for graduate students:

**RESEV 615: Current Topics in Research and Evaluation**
Cr. 1-3. Repeatable.

**RESEV 620: College Access in Policy, Practice, and Research**
(4-0) Cr. 1-3. SS.
Exploration of the plurality of frameworks used to conceptualize college access as a social problem (for research, policy, and practice). Development of application of understandings of college access frameworks to policy, practice, and research.

**RESEV 680: Critical Issues in Qualitative Inquiry**
(3-0) Cr. 3. S.
Prereq: RESEV 580
An intensive reading and discussion course focusing on contemporary methodological theory for qualitative inquiry; examines epistemological, ontological, axiological and theoretical assumptions and their consequences for qualitative inquiry in the human sciences; interrogates core concepts of qualitative inquiry such as fieldwork, data, validity and representation.
RESEV 681: Analytical Approaches in Qualitative Inquiry
(3-0) Cr. 3. F.

Prereq: RESEV 580 or equivalent
Conceptions of data and analysis in qualitative methodologies; focus on applied topics in qualitative data analysis, such as narrative analysis, ethnographic analysis, life history analysis, postmodern analyses, discourse analysis, arts-based analytical strategies, constructing data; combination format of reading and discussion seminars and classroom workshops focusing on individual research projects (not for thesis or dissertation).

RESEV 690: Advanced Special Topics
Cr. 1-3. Repeatable.

Prereq: Graduate standing
Guided reading and/or study on special topics of an advanced nature.

RESEV 699: Research
Cr. arr. Repeatable. F.S.SS.