

# RESEARCH AND EVALUATION (RESEV)

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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.

## 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.