

Course Sequence

Master of Arts in Education of Research and Evaluation Methodology with a Major in Program Evaluation in Educational Environments

This two-year online program is designed to meet the demand for well-trained program evaluators in educational environments. The program prepares students to design and implement educational program evaluations; collect, analyze, and interpret qualitative and quantitative evaluation data; manage single and multisite evaluations, particularly for grant-funded projects; create and use communications and reports to engage key stakeholders; and develop culturally responsive evaluations. The primary emphasis is on the theory, issues, topics, and applications of program evaluation in educational environments.

Part B: Curriculum and Course Sequencing

The proposed curriculum and sequence of courses is as follows:

Year 1:

Semester-1

EDF 7491 Evaluation of Educational Products and Systems (3-credits)

Catalog Description: *Model and methods for formative and summative evaluation of educational products and programs.*

EDF 6401 Educational Statistics (3-credits)

Catalog Description: *Application to educational data and problems.*

Semester-2

EDF 7486 Methods of Educational Research (3-credits)

Catalog Description: *Examination of research methodologies. Problem identification as well as organization and presentation of data.*

EDF 6464 Designing and Conducting Qualitative Research (3-credits)

Catalog Description: *Introduces students to basic concepts and theories in qualitative research to enable them to design and conduct qualitative studies. Examples of different types of qualitative research designs and approaches are analyzed in relation to specific evaluative criteria.*

Semester-3

EDF 6--- Quantitative Methods for Evaluation in Educational Environments (3-credits)

Catalog Description: *Integrated coverage of advanced quantitative methods for evaluation research. A conceptual approach with an emphasis on reading and writing research results sections. Topics include missing data techniques and statistical procedures, such as linear regression, ANCOVA, logistic regression, psychometric statistical indices, and exploratory factor analysis.*

EDF 6463 Culturally Responsive Evaluation in Educational Environments (3-credits)

Catalog Description: *Theory, models, and methods applicable to the planning and implementation of culturally responsive evaluations with the recognition that evaluation takes place within cultural, social, economic, and political contexts.*

Semester-4**EDF 7931 Seminar in Educational Research (3-credits)**

Catalog Description: *In-depth examination of specific methodological approaches to educational research. [Currently covering topics of survey design, construction, implementation, and sampling decisions and methods—will be submitted by instructor as new course titled, "Opinion and Attitude in Evaluation Research].*

Approved Elective (3-credits)

Description: *The student should select electives to meet individual professional goals. Elective courses may be taken within Research and Evaluation Methodology or areas outside the program with the approval of the student's advisor.*

Semester-5**EDF 6468 Evaluation Management for Grants in Educational Environments (3-credits)**

Catalog Description: *Coverage of the theory and tools applicable to the planning, implementing, and completing a grant-funded evaluation.*

EDF 6492 Evaluation Communication and Ethics in Educational Environments (3-credits)

Catalog Description: *Provides a twofold emphasis: one on strategies for communicating and reporting evaluation processes and findings, and another on the understandings and applications of ethics to evaluation research.*

Semester-6**EDF 6973 Project In Lieu of Thesis (1-6 credits)**

Catalog Description: *Develop a comprehensive evaluation plan for a program in an educational environment. Provide strong theoretical and practical rationale for the plan and approach. Implement and conduct the evaluation and provide a final report.*