Required Courses
Online MAE in Program Evaluation in Educational Environments

EDF 7491 Evaluation of Educational Products and Systems (3-credits)
Models and methods for formative and summative evaluation of educational products and programs. Prerequisite: EDF 6403 or equivalent.   (Semester 1)

Inferential Statistics Courses (Semester 2):
    EDF 6401 Educational Statistics (3-credits)
    Application to educational data and problems.

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OR

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    EDF 6402 Quantitative Foundations in Educational Research: Inferential Statistics (3-credits)
    Analysis of variance: One-way ANOVA, two-way ANOVA, ANOVA, repeated measures, and split-plot. Prerequisite: EDF 6400

Quantitative Research Methodology Courses (Semester 1):
    EDF 7486 Methods of Educational Research (3-credits)
    Examination of research methodologies. Problem identification as well as organization and presentation of data. Prerequisite: STA 2023 (Usually waived). Primarily for Ed.D. candidates – in cohort-based programs

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OR

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    EDF 6400 Quantitative Foundations of Education Research Overview
    Overview of quantitative methods: validity, reliability, research design, and inferential statistics. Prerequisite: STA 2023, STA 2122, or equivalent. (Usually waived)

Evaluation Methods and Applications

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

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    EDG 6285 Evaluation in the School Program (3-credits)
    Procedures and techniques of evaluation in school programs. Emphasizes needs assessment, school self-study, and course evaluation.

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

EDF 6416 Quantitative Methods for Evaluation in Educational Environments (3-credits)
Integrated coverage of advanced quantitative methods for evaluation research in education. A conceptual approach with an emphasis on reading and writing research results sections. Topics include data management and specific applications of univariate and multivariate statistical procedures to educational data. (Summer)

EDF 7931 Seminar in Educational Research (3-credits)
In-depth examination of specific methodological approaches to educational research. For the evaluation, the focus is on survey methodology
Prerequisite: EDF 6403. (Waived) (Summer)

EDF 6468 Evaluation Management for Grants in Educational Environments (3-credits)
Coverage of the theory and tools applicable to the planning, implementing and completing a grant-funded evaluation. Prerequisite: EDF 6401 (Waived)

EDF 6492 Evaluation Communication and Ethics in Educational Environment (3-credits)
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. Prerequisite: EDF 6401 (Waived)

EDF 6973 Project In Lieu of Thesis (Semester 1: 3-credits) Develop a comprehensive evaluation plan for a program in an educational environment. Provide a strong theoretical and practical rationale for the plan and approach. Implement and conduct the evaluation and provide a final report.

Prerequisite: Permission of the department.
EDF 6973 Project in Lieu of Thesis (Semester 2: 3-credits)
Develop a comprehensive evaluation plan for a program in an educational environment. Provide a strong theoretical and practical rationale for the plan and approach. Implement and conduct the evaluation and provide a final report.

Prerequisite: Permission of the department.
An Elective or EDF 6905 Independent Study (3-credits)