

- Rating Scale and Questionnaire Design and Analysis
- Educational Program Evaluation
- Assessment for Measurement Professionals
- Data and Interpretation in Educational Inquiry
- Research Design in Education

The ERM online certificate consists of three online courses. The courses taken for the ERM online certificate are determined in consultation with the program coordinator in order to be tailored to the student's career goals.



How long does it take to complete either program?

Students starting the MEd in MESA online program in the Fall semester are expected to take two courses per semester for four consecutive semesters.

The ERM online certificate program length is dependent on the three courses the student selects, as the online courses are offered on a fixed schedule.



Where can I learn more?

Additional information, including degree requirements, course descriptions, a schedule of courses, and FAQs for the MEd in MESA online program and ERM online certificate can be found at

<http://education.uic.edu/mesaonline-med/>
and
<http://education.uic.edu/erm/>



Contact Information:

For more information about the MEd in MESA online program or the ERM online certificate please contact Everett Smith at evsmith@uic.edu or (312) 355-0575.



Links of Interest

www.education.uic.edu
www.uiconline.uic.edu

UIC COLLEGE OF
UNIVERSITY OF ILLINOIS
AT CHICAGO EDUCATION

UIC COLLEGE OF
UNIVERSITY OF ILLINOIS
AT CHICAGO EDUCATION

ONLINE PROGRAMS IN RESEARCH METHODOLOGY

Further your research skills,
education and career
opportunities by pursuing a
Masters of Education in

Measurement
Evaluation
Statistics
Assessment

or a Certificate in

Educational
Research
Methodology

The College of Education at the University of Illinois at Chicago is seeking qualified students for its Masters of Education (MEd) in Measurement, Evaluation, Statistics and Assessment (MESA) online program and for the Educational Research Methodology (ERM) online certificate.

This online program provides an opportunity for domestic and international students with a bachelor's degree from any social, behavioral or health-science field to obtain a MEd in MESA. The MEd in MESA online program provides rigorous training in quantitative and qualitative methodologies and addresses the current industry-wide shortage of individuals capable of functioning effectively in educational research and other social science research settings. The MEd in MESA online program is designed for several student populations: students who want to acquire the knowledge and technical skills needed for entry-level positions in academic institutions, state and federal agencies, school districts, and the testing and evaluation industry (e.g., licensure and certification boards, private and not-for-profit testing organizations); students who eventually wish to pursue doctoral studies in a MESA area; and PhD students in

education and other fields who want to increase their research skills and enhance their career opportunities by simultaneously enrolling in the MEd in MESA online program.

The ERM online certificate provides opportunities for several populations: private and public sector workers in education and other social science fields who want to upgrade their research skills, graduate students from education and other fields who want training in research methods, and those individuals desiring to pursue a shorter and focused course of study in educational research methods with an option to apply for the full MEd in MESA online program.



What are Measurement, Evaluation, Statistics and Assessment?

Measurement involves the assignment of numbers to objects such that the numbers represent degrees or quantities of unobservable constructs such as attitudes, achievement, self-efficacy, self-esteem, etc.

Evaluation involves the systematic collection of information about the activities, characteristics and outcomes of programs to make judgments about program quality, improve program effectiveness, and/or inform decisions,

and/or inform decisions about future program development.

Statistics involves learning the process that generated the data, including learning how a given variable is affected by other variables and learning about the true (population) distribution of the data.

Assessment involves the processes of collecting, synthesizing, analyzing and interpreting quantitative and qualitative information to aid in decision-making.



Career Opportunities

Recent surveys of degree programs and employment agencies conclude that there is high demand for quantitative and qualitative methodologists who can function effectively in research and applied settings.



Coursework

The MEd in MESA online program consists of the following courses:

- Essentials of Quantitative Inquiry in Education
- Advanced Analysis of Variance and Multiple Regression
- Multivariate Analysis of Educational Data
- Educational Measurement