

## Quantitative Research, Evaluation, and Measurement (EDUCST-MA, QRE)

*Specialization leading to Master of Arts in Educational Studies*

### Core Requirements (9 hours)

#### Foundations Requirement (choose 1; minimum 3 sem. hours)

ESPHE 6250	History of Education <b>OR</b>
ESPHE 7572	History of Colleges and Universities (3)
ESPHE 6410	Philosophy of Education (3)
ESEADM 7359	Leadership, Inquiry, and Ethics (3)
ESWDE 5624	Foundations of Workforce Development and Education (3)
ESPHE 7222	History of Educational Policy (3)
ESSPSY 8056	Roles and Function of School Psychology (3)

#### Multicultural and Human Diversity Requirement (choose 1; minimum 3 sem. hours)

ESEADM 6360	School and Community Relations (3)
ESHESA 7520	Diversity in Higher Education (3)
ESCE 7741	Multicultural Issues in Counseling (4)
ESSPED 5650	Introduction to Exceptional Children (3)
ESWDE 5672	Lifelong Learning in the Adult Years (3)
ESEPOL 8209	Cultural Process in Education (3)
ESSPSY 7028	Cultural Diversity: Developing a Multicultural Awareness (3)
ESEPOL 5217	Comparative Education (3)

#### Research Requirement (choose 1, 3 hours)

ESQREM 6625	Introduction to Educational Research (3)
ESQUAL 7230	Qualitative Research for Educators (3)
ESSPED 8861	Behavioral Research Methods in Applied Settings (3)
ESCE 6734	Assessment in Counseling (3)

Minimum hours:  
 31 non-thesis,  
 34 with thesis

### Specialization Requirements (22 hours)

#### Required Courses (16 hours)

ESQREM 6641	Introduction to Educational Statistics (4)
ESQREM 6621	Introduction to Educational Evaluation (3)
ESQREM 6625	Introduction to Educational Research (3)
ESQREM 6661	Introduction to Educational Measurement (3)
ESPHE 7414	Examining Knowledge, Truth, and Objectivity (3)

For More Information:  
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**Supporting Courses (choose two, one from each list below, 6 hours)**

*One course from the following list (3 hrs)*

ESQREM 8648	Multivariate Experimental Designs (4)
ESQREM 7648	Univariate Experimental Designs (4)
ESQREM 8657	Factor and Cluster Analyses (3)
ESQREM 7643	Categorical Data Analysis (3)
ESQREM 7651	Regression Analysis (4)
ESQREM 8659	Structural Equation Modeling (3)
ESQREM 8658	Applied Multilevel Data Analysis (3)
ESQREM 8895	Seminar – Advanced Problems (e.g., analysis of longitudinal data; meta-analysis) (2-5)

*One course from the following list: (3 hrs)*

ESQREM 7627	Sampling Designs and Survey Research Methods (3)
ESQREM 7631	Applied Evaluation Design (3)
ESQREM 7635	Advanced Research Methods (3)
ESQREM 7661	Instrument Construction (3)
ESQREM 8674	Scaling and Item Response Theory (3)
ESQREM 7667	Authentic Assessment (3)
ESQREM 7663	Test Reliability and Validity (3)
ESQREM 8895	Seminar – Advanced Problems (e.g., advanced IRT) (2-5)

**Thesis or Non-Thesis Requirement (choose one, 0-3 hours)**

*Consult with faculty advisor*

**Thesis Option**

ESQREM 7999	Thesis Research: Quantitative Research, Evaluation, and Measurement (minimum 3)
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**Non-thesis Options (choose one)**

*Students must register for a minimum of three hours during the semester they take the examination or the project.*

- Master's Examination
- Action Research Project
- Comprehensive Case Study

*Note: Students exact curriculum may vary depending upon program of study determined by student and advisor, and approved by the Graduate Studies Committee.*