

M.S.ED. IN RESEARCH, MEASUREMENT AND EVALUATION

<http://sites.education.miami.edu/research-measurement-evaluation-m-s-ed/>

The curriculum of the M.S. Ed. in RME is structured around three components: (A) a core set of 24 credits (8 courses of 3 credits each) of required coursework covering the fundamentals of research design, measurement, and statistical analysis; (B) 6 credits of elective course-work; and (C) a comprehensive exam occurring upon the completion of the 24 credits of required coursework. The specific details of the curriculum are given below.

Curriculum Requirements

Code	Title	Credit Hours
Core Courses		24
EPS 700	Quantitative Methods I	
EPS 701	Introduction to Research Methods	
EPS 702	Quantitative Methods II	
EPS 703	Applied Multivariate Statistics	
EPS 704	Computer Applications in Educational and Behavioral Science Research	
EPS 705	Measurement and Psychometric Theory	
EPS 706	Categorical Data Analysis	
EPS 708	An Introduction to Structural Equation Modeling for Multivariable Data	
Electives ^{1,2}		6
Select 2 courses from the following for a total of 6 credit hours:		
EPS 699	Advanced Individual Study	
EPS 707	Item Response Theory	
EPS 709	Introduction to Multilevel Modeling	
EPS 710	Meta-analytic methods for research synthesis.	
EPS 711	Advanced Topics in Research, Measurement, and Evaluation	
EPS 712	Field Experience in Educational Research	
EPS 714	Qualitative Methods I	
EPS 715	Qualitative Methods II: Case Studies and Grounded Theory	
EPS 716	Qualitative Methods II: Interviews and Content Analysis	
Comprehensive Exam		
Each student must successfully pass a comprehensive exam that covers the content of the core 24 credits. This exam assesses the student's competency in these core areas of research methodology and use of statistical software, and is based on content that is aligned with the material covered in the core 24 credits.		
Total Credit Hours		30

¹ Students work with faculty member(s) to select from a large number of graduate courses relevant to the students' interests and professional goals. Appropriate courses may be related to advanced statistical modeling or other content areas.

² Upon the approval of your academic advisor, you can take the classes from other departments.