

# EDUCATIONAL RESEARCH METHODOLOGY, DOCTORAL MINOR

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## Program Requirements

Required: 15 credit hours

Code	Title	Credit Hours
<b>Select 15 credits from the following:</b>		15
ERM 600	Validity and Validation	
ERM 633	Second Language Assessment and Testing	
ERM 636	Advanced Studies in Second Language Testing	
ERM 642	Evaluation of Educational Programs	
ERM 643	Applied Educational Evaluation	
ERM 667	Foundations of Educational Measurement Theory	
ERM 668	Survey Research Methods in Education	
ERM 669	Item Response Theory	
ERM 675	Data Presentation and Reporting	
ERM 680	Intermediate Statistical Methods in Education	
ERM 681	Design and Analysis of Educational Experiments	
ERM 682	Multivariate Analysis	
ERM 685	R for Education and the Social Sciences	
ERM 726	Advanced Topics in Educational Measurement	
ERM 727	Computer-Based Testing: Methods and Applications	
ERM 728	Exploratory and Confirmatory Factor Analytic Methods for Scale Construction	
ERM 729	Advanced Item Response Theory	
ERM 731	Structural Equation Modeling in Education	
ERM 732	Hierarchical Linear Modeling	
ERM 734	Equating	
ERM 735	Multidimensional Item Response Theory	
ERM 742	Advanced Topics in the Evaluation of Educational Programs	
ERM 750	Case Study Methods in Educational Research	