

**Morgridge College of Education**  
**Master's Degree Research Requirements**  
 Last Modified February 8, 2016

<b>Course # and Title</b>	<b>Credit Hours</b>	<b>Typically Scheduled (subject to change)</b>	<b>Instructor</b>
**RMS 4900 Education Research and Measurement	4	Fall, Fall*, Winter, Spring, Summer	Adjunct
OR			
RMS 4910 Introductory Statistics	5	Summer, Fall	Green/GSSW
OR			
RMS 4920 Educational Measurement	3	Spring, Summer	Adjunct
OR			
RMS 4930 Empirical Research Methods	3	Fall, Spring	Olmos/Zhang
OR			
Research competencies approved by the faculty infused in coursework			

\*Offered on Saturdays

\*\*Required for all MCE students

**Morgridge College of Education**  
**PhD Degree Research Requirements<sup>a</sup>**

<b>Introductory Level</b>				
<b>Course # and Title</b>	<b>Credit Hours</b>	<b>Prerequisites</b>	<b>Typically Scheduled (subject to change)</b>	<b>Instructor</b>
**RMS 4910 Introductory Statistics	5	None	Summer, Fall, Fall*	Green/GSSW
RMS 4920 Educational Measurement	3	None	Winter*, Spring, Summer,	Adjunct
RMS 4921 Psychometric Theory	3	RMS 4910	Fall	Green
**RMS 4930 Empirical Research Methods	3	None	Fall, Spring, Spring*	Olmos/Zhang
RMS 4931 Survey and Design Analysis	3	RMS 4910	Winter, Spring*	Zhang
RMS 4940 Structural Foundations of Research in Social Sciences	3	None	Fall	Adjunct
**RMS 4941 Introduction to Qualitative Research	4	None	Fall, Winter, Spring	Uhrmacher
RMS 4952 Research Ethics	1	None	Fall	Green
RMS 4954 Grant Writing	3	None	Spring	Hill
RMS 4960 Program Evaluation Theory	3, 4	None	Fall	Olmos
RMS 4962 Program Development and Assessment	3	None	Winter	Olmos
<b>Intermediate Level</b>				
RMS 4911 Correlation and Regression	4	RMS 4910	Fall, Winter	Zhang/GSSW
RMS 4912 Analysis of Variance	5	RMS 4910	Winter	Green
RMS 4922 Item Response Theory	3	RMS 4921	Winter, odd numbered years	Green
RMS 4932 Meta-Analysis Social Science Research	3	RMS 4910	Spring	Olmos
RMS 4942 Qualitative Data Collection and Analysis	4	RMS 4941 or permission of instructor	Winter, Spring	Cutforth/Uhrmacher
RMS 4944 Action Research	3	None	TBD	TBD
RMS 4961 Program	3	None	TBD	TBD

Development and Evaluation				
<b>Advanced Level</b>				
RMS 4913 Multivariate Analysis	5	RMS 4911	Spring	Green
RMS 4914 Structural Equation Modeling	5	RMS 4911	Spring, odd numbered years	Zhang
RMS 4915 Hierarchical Linear Modeling	4	RMS 4911	Winter	Zhang
RMS 4916 Latent Growth Curve Modeling	4	RMS 4914	Spring, even numbered years	Zhang
RMS 4919 Topics in Statistics	1-5	RMS 4913	TBD	Various
RMS 4939 Topics in Quantitative Research Methods	1-5	RMS 4930	Winter, odd-numbered years	Olmos
RMS 4945 Community-based Research	4	RMS 4946 or permission of instructor	Fall, even numbered years	Cutforth
RMS 4946 Advanced Qualitative Research	4	RMS 4942 or permission of instructor	Spring	Cutforth
RMS 4947 Arts-Based Research	3	RMS 4946, or permission of instructor	Winter odd-numbered years	Uhrmacher
RMS 4949 Topics in Qualitative Research	1-5	RMS 4942, or permission of instructor	TBD	Uhrmacher
RMS 4951 Mixed Method Research Design	4	RMS 4911, RMS 4942, RMS 4930	Spring	Olmos
RMS 4959 Topics in Research Design	1-5	RMS 4930	TBD	TBD
RMS 4969 Topics in Program Evaluation	1-5	RMS 4960	TBD	TBD
RMS 4929 Topics in Psychometrics	1-3	RMS 4921 or permission of instructor	TBD	TBD

<sup>a</sup>Plus dissertation hours and additional research course credits allocated by level—varies by program. EdD students will confirm research requirements with advisor

\*Offered on Saturdays

\*\*Required for all MCE students