

**Morgridge College of Education**  
**Master's Degree Research Courses Schedule**  
 Last Modified October 26 2017

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

\*Offered on Saturdays

**Morgridge College of Education**  
**PhD Degree Research Courses Schedule**  
 Last Modified October 26 2017

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

RMS 4947 Arts-Based Research **	3	RMS 4942, or permission of instructor	Winter odd-numbered years
RMS 4948 Criticism and Connoisseurship **	3	RMS 4942, or permission of instructor	Winter even-numbered years
<b>ADVANCED LEVEL</b>			
RMS 4913 Multivariate Analysis	5	RMS 4910, and RMS 4911, or RMS 4912	Spring
RMS 4914 Structural Equation Modeling	5	RMS 4911	Spring
RMS 4915 Hierarchical Linear Modeling	4	RMS 4911	Winter
RMS 4916 Latent Growth Curve Modeling	4	RMS 4914	Spring, even numbered years
RMS 4945 Community-based Research	4	RMS 4946 or permission of instructor	Fall
RMS 4946 Advanced Qualitative Research	4	RMS 4911 and RMS 4942, or permission of instructor	Spring
RMS 4951 Mixed Method Research Design	4	RMS 4942, RMS 4930, RMS 4911	Spring

\*Offered on Saturdays

\*\* Qualifies as both Intermediate and Advanced