RMS Doctoral Course Work Plan (2023-2024)

Morgridge College of Education
Research Methods and Statistics –
Ph.D.
Course Work Plan 2023-2024

Student: _____   Student #: _____

Phone #: _____   E-mail: _____

I. Morgridge College of Education Requirements	Course #	Expected Qtr. of Completion	Credit Hours
A. Research (*All Required)			
*Quantitative Research Design	RMS 4930		3
*Introduction to Qualitative Research	RMS 4941		4
*Dissertation Research (Minimum 10 credits, must register for at least 1 hr. per Fall, Winter & Spring after most coursework is completed until Graduation)	RMS 5995		
II. Program Requirements			
A. Measurement (*All required)			
*Psychometric Theory (Prerequisite: RMS 4910)	RMS 4921		3
*Item Response Theory (Prerequisite: RMS 4910,	RMS 4922		3
*Factor Analysis (Prerequisite: RMS 4911, RMS 4921)	RMS 4924		4
B. Research Methods (* required)			
*Survey and Design Analysis (Prerequisite: RMS 4910)	RMS 4931		3
*Qualitative Data Collection and Analysis (Prerequisite: RMS 4941 or instructor permission)	RMS 4942		4
*Mixed Method Research Design (Prerequisite: RMS 4910, RMS 4930 & RMS 4941, & 1 of the following:	RMS 4951		4
*Research Ethics	RMS 4952		3
*Intro to Evaluation	RMS 4960		3
Choose at least one of the following:			
Structural Foundations of Research in Social Sciences	RMS 4940		3
Community Based Research (Prerequisite: RMS 4942 & RMS 4930 or instructor permission)	RMS 4945		4
Advanced Qualitative Research (Prerequisite: RMS 4941 & RMS 4942 or instructor permission)	RMS 4946		4
Arts-Based Research (Prerequisite: RMS 4942 or	RMS 4947		3

Topics in Research Design (Prerequisite: RMS 4930)	RMS 4959		

C. Statistics (* required)	Course #	Expected Qtr. of Completion	Credit Hours
*Correlation & Regression (Prerequisite: RMS 4910)	RMS 4911		4
*Analysis of Variance (Prerequisite: RMS 4910)	RMS 4912		5
*Multivariate Analysis (Prerequisite: RMS 4911 or	RMS 4913		5
*Structural Equation Modeling (Prerequisite: RMS 4913, RMS 4921)	RMS 4914		4
*Hierarchical Linear Modeling (Prerequisite: RMS 4911)	RMS 4915		4
*Latent Growth Curve Modeling (Prerequisite: RMS	RMS 4916		4
III. Practicum (* required)			
*Practicum in Research	RMS 4980		3-4
IV. Cognate (Minimum 10 credit hours)			

Summary of Degree Requirements			
	Credits Required (does not include courses waived)	**Credits Transferred in**	**Credits Completed**
I. Morgridge College of Education Requirements			
A. Research	**17**		
II. Program Requirements			
A. Measurement	**10**		
B. Research Methods	**23-24**		
C. Statistics	**26**		
III. Practicum	**3-4**		
IV. Cognate	**10**		
Total	**Minimum 90 hours**		

Comprehensive Examination Date: (Fall or Spring quarter): _____

Student's Signature_____   Date: _____

Advisor's Signature_____   Date: _____