

**Research Methods and Statistics –  
Ph.D. - Course Work Plan 2021-2022**

Student: \_\_\_\_\_

Student #: \_\_\_\_\_

Phone #: \_\_\_\_\_

E-mail: \_\_\_\_\_

| <b>I. Morgridge College of Education Requirements</b>   | <b>Course #</b> | <b>Expected Qtr. of Completion</b> | <b>Credit Hours</b> |
|---|-----------------|------------------------------------|---------------------|
| <b>A. Research (*All Required)</b>  |                 |                                    |                     |
| *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        |                                    |                     |
| <b>II. Program Requirements</b>   |                 |                                    |                     |
| <b>A. Measurement (*All required)</b>   |                 |                                    |                     |
| *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>B. Research Methods (* required)</b>   |                 |                                    |                     |
| *Survey and Design Analysis (Prerequisite: RMS 4910)  | RMS 4931        |                                    | 3                   |
| *Meta-Analysis in Social Sciences Research  | RMS 4932        |                                    | 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                   |
| <b>Choose at least one of the following:</b>  |                 |                                    |                     |
| 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        |                                    |                     |



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

Date of Comprehensive Examination Completed (Fall or Spring quarter): \_\_\_\_\_

Student's Signature \_\_\_\_\_

Date: \_\_\_\_\_

Advisor's Signature \_\_\_\_\_

Date: \_\_\_\_\_