# Advisement Plan -- Applied Statistics and Research Methods Degree Requirements – Doctor of Philosophy -- 64 credits



**Student’s Name:**

**Last Four of Bear Number:**

**Program Advisor’s Name:**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Course Number** | **Course Title** | **Credits** | **Semester** | **Comments** |
| \*Required Major Credits — 3 hours |  |  |  |  |
| SRM 689 | Internship in Applied Statistics | 3 |  |  |
| \*Research Core — 12 hours |  |  |  |  |
| SRM 611 | Advanced Statistical Data Analysis | 3 |  |  |
| SRM 620 | Advanced Statistical Programming | 3 |  |  |
| SRM 684 | Research Ethics | 1 |  |  |
| SRM 700 | Advanced Research Methods | 3 |  |  |
| SRM 732 | Research and Statistical Consulting II | 2 |  |  |
| \*Research Proposal/Dissertation — 16 hours |  |  |  |  |
| SRM 797 | Doctoral Proposal Research | 4 |  |  |
| SRM 799 | Doctoral Dissertation | 12 |  |  |

Select one of the following Concentration Areas:

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| \*Applied Statistics Concentration — 33 hours |  |  |  |  |
| SRM 606 | Multiple Linear Regression Analysis | 3 |  |  |
| SRM 607 | Non-Parametric Statistics | 3 |  |  |
| SRM 609 | Sampling Methods | 3 |  |  |
| SRM 614 | Linear Models | 3 |  |  |
| SRM 636 | Applied Bayesian Statistics | 3 |  |  |
| SRM 637 | Applied Time Series Analysis | 3 |  |  |
| SRM 645 | Statistical Process Control | 3 |  |  |
| SRM 731 | Multivariate Analysis | 3 |  |  |
| SRM 752 | Statistical Inference | 4 |  |  |
|  | Elective Credits | 5 |  |  |
|  | Course: |  |  |  |
|  | Course: |  |  |  |

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| \*Research Methods Concentration — 33 hours |  |  |  |  |
| SRM 521 | Statistical Computing with SPSS | 1 |  |  |
|  | Choose from either SRM 519 or SRM 522: |  |  |  |
| SRM 519 | Qualitative Analysis Software | 1 |  |  |
|  | **or** |  |  |  |
| SRM 522 | Introduction to R | 1 |  |  |
| SRM 627 | Survey Research Methods | 3 |  |  |
| SRM 660 | Mixed Methods Research | 3 |  |  |
| SRM 673 | Evaluation: Advanced Methods | 3 |  |  |

\*Research Methods Area of Specialization (Choose one)

|  |  |  |  |  |
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| *\*Quantitative Research Methods (22 hours)* |  |  |  |  |
| SRM 610 | Statistical Methods III | 3 |  |  |
| SRM 625 | Applied Multiple Regression Analysis | 3 |  |  |
| SRM 626 | Applied Multilevel Modeling | 3 |  |  |
| SRM 629 | Structural Equation Modeling | 3 |  |  |
|  | Choose from SRM 685 or SRM 686 or SRM 687: |  |  |  |
| SRM 685 | Educational Ethnography | 3 |  |  |
|  | **or** |  |  |  |
| SRM 686 | Qualitative Case Study Research | 3 |  |  |
|  | **or** |  |  |  |
| SRM 687 | Narrative Inquiry | 3 |  |  |
|  | Elective Credits | 7 |  |  |
|  | Course: |  |  |  |
|  | Course: |  |  |  |

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| *Qualitative Research Methods Specialization (22 hours)* |  |  |  |  |
| SRM 685 | Educational Ethnography | 3 |  |  |
| SRM 686 | Qualitative Case Study Research | 3 |  |  |
| SRM 687 | Narrative Inquiry | 3 |  |  |
| SRM 688 | Writing Qualitative Research | 3 |  |  |
|  | Elective Credits | 10 |  |  |
|  | Course: |  |  |  |
|  | Course: |  |  |  |

***Students are responsible for completing the following steps:***

* Plan of Study Submitted to the Graduate School Date Completed:
* Meet with Advisor Annually to Discuss Progress Report Date Completed:
* Doctoral Committee Form Submitted to the Graduate School Date Completed:
* Complete Written Exam Date Completed:
* Complete Oral Exam Date Completed:
* Complete Proposal Defense Date Completed:
* Submit Verification of Research Subject Compliance Date Completed:
* Complete Dissertation Defense Date Completed:
* Application for Graduation Submitted to the Graduate School Date Completed:
* Obtain Graduate School Dissertation Format Approval Date Completed:

Advisor’s Signature/Date:

Student’s Signature/Date:

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