**Advisement Plan -- Applied Statistics and Research Methods Degree Requirement – Master of Science (30-35 credits)**

**Student’s Name:**

**Last Four of Bear Number:**

|  |  |  |  |
| --- | --- | --- | --- |
| **Required Major Credits — 11 hours** |  |  |  |
| **Course Number** | **Course Title** | **Credits** | **Semester**  | **Comments** |
| [SRM 502](http://unco.smartcatalogiq.com/en/current/Graduate-Catalog/Graduate-Course-Descriptions/SRM-Statistics-and-Research-Methods/500/SRM-502) | Applied Statistics | 3 |  |  |
| [SRM 520](http://unco.smartcatalogiq.com/en/current/Graduate-Catalog/Graduate-Course-Descriptions/SRM-Statistics-and-Research-Methods/500/SRM-520) | Introduction to Statistical Computing | 1 |  |  |
| [SRM 531](http://unco.smartcatalogiq.com/en/current/Graduate-Catalog/Graduate-Course-Descriptions/SRM-Statistics-and-Research-Methods/500/SRM-531) | Research and Statistical Consulting I | 1 |  |  |
| [SRM 600](http://unco.smartcatalogiq.com/en/current/Graduate-Catalog/Graduate-Course-Descriptions/SRM-Statistics-and-Research-Methods/600/SRM-600) | Introduction to Graduate Research | 3 |  |  |
| [SRM 697](http://unco.smartcatalogiq.com/en/current/Graduate-Catalog/Graduate-Course-Descriptions/SRM-Statistics-and-Research-Methods/600/SRM-697) | Master's Project | 3 |  |  |
| **Select One Concentration Area** |  |  |  |
| **\*Applied Statistics Concentration — 24 hours**  |  |  |  |
| [SRM 551](http://unco.smartcatalogiq.com/en/current/Graduate-Catalog/Graduate-Course-Descriptions/SRM-Statistics-and-Research-Methods/500/SRM-551) | Mathematical Statistics with Applications I | 4 |  |  |
| [SRM 552](http://unco.smartcatalogiq.com/en/current/Graduate-Catalog/Graduate-Course-Descriptions/SRM-Statistics-and-Research-Methods/500/SRM-552) | Mathematical Statistics with Applications II | 4 |  |  |
| [SRM 608](http://unco.smartcatalogiq.com/en/current/Graduate-Catalog/Graduate-Course-Descriptions/SRM-Statistics-and-Research-Methods/600/SRM-608) | Experimental Design | 3 |  |  |
| [SRM 610](http://unco.smartcatalogiq.com/en/current/Graduate-Catalog/Graduate-Course-Descriptions/SRM-Statistics-and-Research-Methods/600/SRM-610) | Statistical Methods III | 3 |  |  |
| [SRM 625](http://unco.smartcatalogiq.com/en/current/Graduate-Catalog/Graduate-Course-Descriptions/SRM-Statistics-and-Research-Methods/600/SRM-625) | Applied Multiple Regression Analysis | 3 |  |  |
| [SRM 635](http://unco.smartcatalogiq.com/en/current/Graduate-Catalog/Graduate-Course-Descriptions/SRM-Statistics-and-Research-Methods/600/SRM-635) | Categorical Data Analysis | 3 |  |  |
|  | Elective Credits (minimum) Electives must be approved by advisor prior to enrollment. | 4 |  |  |
|  | Course: |  |  |  |
|  | Course: |  |  |  |
| **\*Research Methods Concentration — 19 hours**  |  |  |  |
| [PSY 674](http://unco.smartcatalogiq.com/en/current/Graduate-Catalog/Graduate-Course-Descriptions/PSY-Psychology/600/PSY-674) | Measurement I: Classical Test Theory | 3 |  |  |
| SRM 665 | Data Analysis for Decision-Making | 3 |  |  |
| [SRM 670](http://unco.smartcatalogiq.com/en/current/Graduate-Catalog/Graduate-Course-Descriptions/SRM-Statistics-and-Research-Methods/600/SRM-670) | Evaluation: Models and Designs | 3 |  |  |
| [SRM 680](http://unco.smartcatalogiq.com/en/current/Graduate-Catalog/Graduate-Course-Descriptions/SRM-Statistics-and-Research-Methods/600/SRM-680) | Introduction to Qualitative Research | 3 |  |  |
|  | Elective credits (minimum) Electives must be approved by advisor prior to enrollment. | 4 |  |  |
|  | Course: |  |  |  |
|  | Course: |  |  |  |
| **Choose 3 credits from:**  |  |  |  |
| [SRM 625](http://unco.smartcatalogiq.com/en/current/Graduate-Catalog/Graduate-Course-Descriptions/SRM-Statistics-and-Research-Methods/600/SRM-625) | Applied Multiple Regression Analysis | 3 |  |  |
| [SRM 660](http://unco.smartcatalogiq.com/en/current/Graduate-Catalog/Graduate-Course-Descriptions/SRM-Statistics-and-Research-Methods/600/SRM-660) | Mixed Methods Research | 3 |  |  |
| [SRM 685](http://unco.smartcatalogiq.com/en/current/Graduate-Catalog/Graduate-Course-Descriptions/SRM-Statistics-and-Research-Methods/600/SRM-685) | Educational Ethnography | 3 |  |  |
| [SRM 686](http://unco.smartcatalogiq.com/en/current/Graduate-Catalog/Graduate-Course-Descriptions/SRM-Statistics-and-Research-Methods/600/SRM-686) | Qualitative Case Study Research | 3 |  |  |
| [SRM 687](http://unco.smartcatalogiq.com/en/current/Graduate-Catalog/Graduate-Course-Descriptions/SRM-Statistics-and-Research-Methods/600/SRM-687) | Narrative Inquiry | 3 |  |  |
|  |  |  |  |  |

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

☐ Advisement Plan/Checklists completed Date Completed:

☐ Master’s Project requirements completed Date Completed:

☐ Application for Graduation submitted to the Graduate School Date Completed:

Advisor’s Signature/Date:

Student’s Signature/Date:

Version: January 16, 2019