### Department of Mathematics and Statistics: Master’s Plan Of Study

**Student:** ___________________________  **Program:** M.S. in Applied Statistics

**ID #:** ___________________________  **Advisor:** ___________________________

#### COURSEWORK (MINIMUM 30 CREDIT HOURS)

Choose all or list replacement courses in elective hours.

- [ ] STA 631 Introduction to Probability (3)
- [ ] STA 632 Introduction to Mathematical Statistics (3)
- [ ] STA 640 SAS System for Statistical Analysis (1)
- [ ] STA 602 Statistical Methods for Data Analytics (3)
- [ ] STA 606 Solving Problems with Data Analytics (3)
- [ ] STA 668 Consulting Experience (2)

Choose at least two.

- [ ] STA 622 Complex Data Analysis (3)
- [ ] STA 635 Theory of Linear Regression (3)
- [ ] STA 642 Statistical Computing (3)
- [ ] STA 645 Nonparametric Statistics (3)
- [ ] STA 655 Applied Probability Models (3)
- [ ] STA 665 Analysis of Survival Data (3)
- [ ] STA 670 Categorical Data Analysis (3)
- [ ] STA 671 Multivariate Analysis (3)
- [ ] STA 673 Statistical Linear Models I (3)
- [ ] STA 674 Statistical Linear Models II (3)
- [ ] STA 675 Advanced Experimental Design (3)
- [ ] STA 676 Sample Survey Methods (3)
- [ ] STA 682 Theory of Time Series (3)
- [ ] STA 703 Topics in High Dimensional Data Analysis (3)
- [ ] STA 709 Topics in Computational Statistics (3)

Choose remaining elective credits that may count toward the minimum 30 credit hours required.

- [ ] STA 698 Project in Statistics (3)
- [ ] any STA course at the 600-level or above
Up to 6 credits of graduate level courses from any of the following department (with DGS approval)

- Mathematics
- Computer Science
- Economics
- Educational Research Methodology
- Informatics and Analytics
- Information Systems and Supply Chain Management

Choose additional electives that do not count toward the required 30 hours.

- MAT 601 Seminar in the Teaching of Mathematics I (1)
- MAT 603 Practicum in the Teaching of Mathematics (2)
Choose one.

☐ Project

Include 3 credit hours of STA 698 Project in Statistics in required hours.

Project supervisor: ____________________________

SIGNATURES

Sign and print below.

Student: ____________________________ Date: _____________

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DGS: ____________________________ Date: _____________

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