

Department of Mathematics and Statistics: Master's Plan Of Study

Student: _____ Program: M.S. in Applied Statistics
 ID #: _____ Advisor: _____

COURSEWORK (MINIMUM 30 CREDIT HOURS)

SEMESTER & YEAR

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 661 Advanced Statistics in the Behavioral and Biological Sciences I (3) _____
- STA 662 Advanced Statistics in the Behavioral and Biological Sciences II (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 _____

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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 _____

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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) _____

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CAPSTONE EXPERIENCE

MONTH & YEAR

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: _____

DGS: _____ Date: _____
