

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

Student: _____ Program: M.A. in Mathematics
 ID #: _____ Concentration: Actuarial Mathematics
 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 655 Applied Probability Models (3) _____
- MAT 686 Financial Mathematics for Actuaries (3) _____

Choose at least three.

- STA 642 Statistical Computing (3) _____
- STA 665 Analysis of Survival Data (3) _____
- STA 635 Theory of Linear Regression (3) _____
- STA 691 Actuarial Exam Preparation Seminar (1) _____
- STA 670 Categorical Data Analysis (3) _____
- STA 671 Multivariate Analysis (3) _____
- STA 682 Theory of Time Series (3) _____
- STA 686 Actuarial Models I (3) _____
- STA 687 Actuarial Models II (3) _____

Choose at most two additional STA course at the 600-level or above, excluding STA 667 and STA 699.

_____ _____
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Choose at most two.

- ECO 641 Microeconomics (3) _____
- ECO 646 Macroeconomics (3) _____
- ISM 645 Principles of Predictive Analytics (3) _____
- ISM 671 Organizing Data for Analytics (3) _____
- MBA 702 Financial and Managerial Accounting (3) _____
- MBA 707 Financial Management (3) _____

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

- MAT 602 Seminar in Mathematical Software (3) _____
- STA 698 Project in Statistics (3) _____
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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

SEMESTER & YEAR

This concentration required the project capstone.

- 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: _____
