

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

Student: _____ Program: M.A. in Mathematics
 ID #: _____ Concentration: Teaching College Mathematics
 Advisor: _____

COURSEWORK (MINIMUM 30 CREDIT HOURS)

SEMESTER & YEAR

Choose at least six, including at least one two-semester sequence MAT 691–692, MAT 695–696, MAT 727–728, or STA 631–632).

- MAT 691 Advanced Abstract Algebra (3) _____
- MAT 692 Advanced Abstract Algebra (3) _____
- MAT 695 Mathematical Analysis (3) _____
- MAT 696 Mathematical Analysis (3) _____
- MAT 727 Linear Algebra (3) _____
- MAT 728 Numerical Linear Algebra (3) _____
- STA 631 Introduction to Probability (3) _____
- STA 632 Introduction to Mathematical Statistics (3) _____
- _____
- _____
- _____

Choose all or list approved replacement courses in elective hours.

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

Choose at least two.

- MAT 503 Problem Solving in Mathematics (3) _____
- MAT 513 Historical Development of Mathematics (3) _____
- STA 661 Advanced Statistics in the Behavioral and Biological Sciences I (3) _____
- STA 662 Advanced Statistics in the Behavioral and Biological Sciences II (3) _____
- ERM 605 Educational Measurement and Evaluation (3) _____
- ERM 667 Foundations of Educational Measurement Theory (3) _____
- HED 602 Student Development Theory in Higher Education (3) _____

Choose remaining elective credits approved by the DGS that may count toward the minimum of 30 credit hours required.

- MAT 602 Seminar in Mathematical Software (3) _____
 - MAT 687 Project in Mathematics (3) _____
 - STA 698 Project in Statistics (3) _____
- _____
- _____
- _____
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- _____
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- _____
- _____
- _____
- _____

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

CAPSTONE EXPERIENCE

MONTH & YEAR

Choose one.

- Project _____
Include 3 credit hours of MAT 687 Project in Mathematics or STA 698 Project in Statistics in required hours.

Project supervisor: _____

- Comprehensive Exam _____
Do not include any hours of MAT 687, MAT 699, STA 698, or STA 699 in required hours.

Choose one type.

- Area exams: Choose two areas.
 - Mathematical Analysis _____
 - Linear Algebra and Matrix Theory _____
 - Linear Models _____
 - Mathematical Statistics _____

- Program exam:
 - Part 1 _____
 - Part 2 _____

List 18–21 credit hours from the program for the exam.

SIGNATURES

Sign and print below.

Student: _____ Date: _____

DGS: _____ Date: _____
