# 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)

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

<table>
<thead>
<tr>
<th>Course</th>
<th>Semester &amp; Year</th>
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<tbody>
<tr>
<td>MAT 691 Advanced Abstract Algebra (3)</td>
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<tr>
<td>MAT 692 Advanced Abstract Algebra (3)</td>
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<tr>
<td>MAT 695 Mathematical Analysis (3)</td>
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<tr>
<td>MAT 696 Mathematical Analysis (3)</td>
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<tr>
<td>MAT 727 Linear Algebra (3)</td>
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<td>MAT 728 Numerical Linear Algebra (3)</td>
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<tr>
<td>STA 631 Introduction to Probability (3)</td>
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<tr>
<td>STA 632 Introduction to Mathematical Statistics (3)</td>
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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)

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

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SIGNATURES

Sign and print below.

Student: __________________________ Date: ________________

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DGS: __________________________ Date: ________________

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