

# MATHEMATICS, MASTERS OF SCIENCE

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## Degree Requirements

The requirements for the master's degree in mathematics are as follows:

1. Students must pass an oral proficiency examination on the fundamentals of mathematics during the third semester of the program. This examination will be administered by the student's graduate committee and this examination cannot be taken more than two times.
2. A minimum of thirty (30) semester hours of graduate work. Some 400-level courses can be counted toward the master's degree, but at most two such courses.
3. An acceptable thesis on the subject approved by both the Department of Mathematics and the Graduate School if the thesis option is selected.
4. Other general University requirements

A student pursuing a Master of Science degree in mathematics is required to enroll in the following courses:

Code	Title	Hours
MATH 631	Intro To The Found Of Math	3
MATH 633	Theory Functions Real Variable	3
MATH 634	Theory Functions Complex Var	3
MATH 636	Point Set Topology	3
MATH 733	Abstract Algebra	3
<b>Total Hours</b>		<b>15</b>

## Math Electives

Code	Title	Hours
<b>Choose three courses from:</b>		<b>9</b>
MATH 4xx		
MATH 5xx		
MATH 6xx		
MATH 7xx		
<b>Total Hours</b>		<b>9</b>

## math electives or thesis

Code	Title	Hours
<b>Graduate Level Math courses or Thesis</b>		<b>6</b>
<b>Total Hours</b>		<b>6</b>