# MASTER OF SCIENCE, MATHEMATICS

## Thesis Option
Select one of the following: 3-4
- MATH 448 Complex Variables
- MATH 540 Real Analysis
- MATH 542 Complex Variables I
Select one of the following: 3-4
- MATH 418 Intro to Abstract Algebra II
- MATH 500 Abstract Algebra I
- MATH 501 Abstract Algebra II
- MATH 599 Thesis Research (min/max applied toward degree)

Total Hours Required: 32

### Other Requirements
Other requirements may overlap
MATH 405, MATH 406, MATH 415, MATH 444, and MATH 499 cannot be counted toward this graduate degree.

Minimum Hours Required Within the Unit: 24
Minimum 500-level Hours Required Overall: 12 (in MATH)
Minimum GPA: 3.0

1 For additional details and requirements refer to the department's Guide to Graduate Studies (http://www.math.illinois.edu/GraduateProgram) and the Graduate College Handbook (http://www.grad.illinois.edu/gradhandbook).

## Non-Thesis Option
Select one of the following: 3-4
- MATH 448 Complex Variables
- MATH 540 Real Analysis
- MATH 542 Complex Variables I
Select one of the following: 3-4
- MATH 418 Intro to Abstract Algebra II
- MATH 500 Abstract Algebra I
- MATH 501 Abstract Algebra II

Total Hours Required: 32

### Other Requirements
Other requirements may overlap
MATH 405, MATH 406, MATH 415, MATH 444, and MATH 499 cannot be counted toward this graduate degree.

Minimum Hours Required Within the Unit: 24

Minimum 500-level Hours Required Overall: 12 (in MATH)
Minimum GPA: 3.0

1 For additional details and requirements refer to the department's Guide to Graduate Studies (http://www.math.illinois.edu/GraduateProgram) and the Graduate College Handbook (http://www.grad.illinois.edu/gradhandbook).