

## MATHEMATICS

Minimum courses required: 11

The department recommends that the **first five courses** be completed by the end of the second year.

For those students who place out of Calculus, the major consists of a minimum of 10 courses.

To major in mathematics, students must achieve at least a **C+ average** in Math 101 and Math 104.

Students who are considering attending graduate school in mathematics should take both Math 301: Real Analysis and Math 321: Abstract Algebra.

<u>Course requirement</u>	<u>Semester Taken</u>
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**ONE** of the following courses:

MATH 101: Calculus I

MATH 102: Calculus I with Economics Applications

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|----|--------------------------------|-------|
| 1. | _____                          | _____ |
| 2. | MATH 104: Calculus II          | _____ |
| 3. | MATH 211: Discrete Mathematics | _____ |
| 4. | MATH 221: Linear Algebra       | _____ |

**ONE** of the following courses:

MATH 301: Real Analysis

MATH 321: Abstract Algebra

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|----|-------|-------|
| 5. | _____ | _____ |
|----|-------|-------|

**THREE** courses at the 200-level or above (COMP 115 may substitute for one of these):

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|----|-------|-------|
| 6. | _____ | _____ |
| 7. | _____ | _____ |
| 8. | _____ | _____ |

**TWO** courses at the 300-level:

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|-----|--------------------------|-------|
| 9.  | _____                    | _____ |
| 10. | _____                    | _____ |
| 11. | MATH 401: Senior Seminar | _____ |