

# Applied Mathematics

## Program Type

Major

## Required Courses

Course Code	Title	Hours
MTH 220	Calculus II	4
MTH 310	Linear Algebra	3
MTH 320	Multivariable Calculus	4
MTH 406	Numerical Analysis	3
	MTH 330, 335 or 360	3
	Sub-Total Credits	17

Choose two courses from:

Course Code	Title	Hours
MTH 340	Differential Equations	3
MTH 370	Theory of Probability	3
MTH 380	Mathematical Modeling	3
	Sub-Total Credits	6

Choose one course from:

Course Code	Title	Hours
MTH 403	Real Analysis	3
MTH 410	Abstract Algebra	3
	Sub-Total Credits	3

## Electives

Choose 1 400-level course from: All MTH-400 and MTH-500 courses except [MTH 406](#).

Sub-Total Credits	3
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Choose 3 hours from: All CMP courses.

Sub-Total Credits	3
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A senior year comprehensive examination is also required.

<b>Total Credits</b>	<b>32</b>
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