

# MATHEMATICS MINOR

**Banner Code:** MATH

## Academic Advising

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This minor allows academically strong students to supplement their major degree program with advanced knowledge of mathematics.

## Admissions & Policies

### Policies

Eight credits of coursework must be unique to the minor. For policies governing all minors, see AP.5.3.4 Minors.

Students must earn a minimum 2.00 GPA in courses applied to the minor.

## Requirements

### Minor Requirements

Total credits: 21

Students should refer to the Admissions & Policies tab for specific policies related to this program.

### Required Courses

Code	Title	Credits
MATH 125	Discrete Mathematics I (Mason Core)	3
MATH 203	Linear Algebra	3
MATH 213	Analytic Geometry and Calculus III	3
or MATH 215	Analytic Geometry and Calculus III (Honors)	
MATH 214	Elementary Differential Equations	3
or MATH 216	Theory of Differential Equations	
MATH 290	Introduction to Advanced Mathematics <sup>1</sup>	3
<b>Total Credits</b>		<b>15</b>

<sup>1</sup> Students must earn a 2.00 or higher in MATH 290 Introduction to Advanced Mathematics.

### Mathematics Elective

Code	Title	Credits
Select 3 credits from the following: <sup>1</sup>		3
MATH 315	Advanced Calculus I	
MATH 321	Abstract Algebra	
MATH 322	Advanced Linear Algebra	
<b>Total Credits</b>		<b>3</b>

<sup>1</sup> Students must earn a 2.00 or higher

### General Elective

Code	Title	Credits
Select 3 credits from the following:		3
One 3-credit math course at the 300 or 400 level <sup>1</sup>		
STAT 344	Probability and Statistics for Engineers and Scientists I	
<b>Total Credits</b>		<b>3</b>

<sup>1</sup> Excluding MATH 400 History of Math (Topic Varies) (Mason Core)