MATHEMATICS MINOR

Banner Code: MATH

Academic Advising

Website: science.gmu.edu/academics/departments-units/mathematical-sciences/advising-and-student-support

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 (http://catalog.gmu.edu/policies/academic/undergraduate-policies/#ap-5-3-4).

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) (http://catalog.gmu.edu/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 300	Introduction to Advanced Mathematics [1]	3
Total Credits		15

[1]

Students must earn a 2.00 or higher in MATH 300.

Mathematics Elective

Code	Title	Credits
Select 3 credits from the following: [1]		3
MATH 315	Advanced Calculus I	
MATH 321	Abstract Algebra	
MATH 322	Advanced Linear Algebra	
Total Credits		3

[1]

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 [1]		
STAT 344	Probability and Statistics for Engineers and Scientists I	
Total Credits		3

[1]

Excluding MATH 400