

MATHEMATICS MINOR

Degree Requirements

If a minor is required in your degree program, at least 9 (lower and/or upper-division) hours of courses in the minor must be completed at the University.

Minor in Mathematics

Code	Title	Hours
Requirements		
MA 125	Calculus I	4
MA 126	Calculus II	4
Additional Courses		
Select four of the following:		10-13
MA 227	Calculus III	
MA 237	Linear Algebra I	
MA 238	Differential Equations I	
MA 267	Discrete Math Structures	
MA 311	Intro to Number Theory	
MA 316	Linear Algebra II	
MA 320	Foundations of Math - W	
MA 321	Elementary Geometry	
MA 332	Differential Equations II	
MA 334	Advanced Calculus I	
MA 335	Advanced Calculus II	
MA 354	Comp Assist Math Modeling - W	
MA 367	Combinatorial Enumeration	
MA 410	History of Mathematics - W	
MA 413	Abstract Algebra I - W	
MA 414	Abstract Algebra II - W	
MA 434	Topology	
MA 436	Numerical Analysis	
MA 437	Complex Variables	
MA 451	Probability	
MA 458	Operations Research - W	
MA 467	Mathematical Logic	
MA 481	Cryptography	
MA 490	Special Topics	
ST 315	Applied Probability-Statistics	
Total Hours		18-21

At least two of the courses chosen for the minor must be 300 level or higher.

Where to Begin in the Mathematics Courses?

Students must begin at the proper level and in the proper track in mathematics. Students who lack college level credit in mathematics should take the placement exam at least 48 hours prior to registering for a mathematics course. Students must register online to take the test. Times and days of the test as well as registration information are available at the department website.

Note 1: To Avoid Duplication:

1. Credit for both MA 112 and MA 115 is not allowed.
2. Credit for both MA 113 and MA 115 is not allowed.
3. Credit for both MA 120 and MA 125 is not allowed.
4. Students may receive credit for only one of the following: ST 310, ST 315 or ST 320.

Note 2: MA 110 is not a pre-requisite course for any other course required by mathematics and statistics major.