

# MATHEMATICS, MINOR

The Mathematics minor prepares students majoring in other disciplines with a broad background in mathematics. This preparation enhances students' professional appeal to employers seeking skilled individuals adept at deriving mathematically-based solutions to various problems.

Code	Title	Credits
<b>Restricted Electives: 6-8</b>		
MATH 192 or MATH 190	Calculus and Analytic Geometry I Calculus I	3-4
MATH 193 or MATH 191	Calculus and Analytic Geometry II Calculus II	3-4
<b>Electives: 18 Credits</b>		
Select a minimum of 18 credits from the following courses, at least 12 of which must be numbered 200 or higher.		18
CS 202	Discrete Structures I	3
CS 203	Discrete Structures II	3
MATH 140	Statistics I	3
MATH 166	Elementary Functions	3
MATH 175	Enhanced Precalculus	4
MATH 220	Applications of Mathematics	3
MATH 225	Mathematics makes a Case: Global Climate Change	3
MATH 240	Introduction to Number Theory	1
MATH 245	Introduction to Graph Theory	1
MATH 250	Introduction to Combinatorics	1
MATH 255	Financial Mathematics	3
MATH 260	Linear Algebra	3
MATH 290	Calculus III	3
MATH 291	Calculus IV	3
MATH 292	Calculus & Analytical Geometry III	4
MATH 295	Survey of Modern Mathematics	3
MATH 310	Differential Equations	3
MATH 311	Differential Equations for Engineers	4
MATH 320	Modern Geometry I	3
MATH 321	Modern Geometry II	3
MATH 330	Mathematical Statistics I	3
MATH 331	Mathematical Statistics II	3
MATH 350	Elements of Numerical Analysis	3
MATH 370	Abstract Algebra	3
MATH 371	Abstract Algebra II	3
MATH 380	Real Analysis	3
MATH 410	History of Mathematics	3
MATH 430	Topology	3
MATH 440	Number Theory	3
MATH 445	Complex Variables	3
MATH 450	Advanced Calculus I	3
MATH 451	Advanced Calculus II	3
<b>Total:</b>		<b>24-26</b>