
Mathematics Major

33 credit hours required.

Required Courses:		Credits
MATH 151	Calculus I	4
MATH 152	Calculus II	4
MATH 253	Multivariate Calculus	4
MATH 340	Set Theory and Logic	3
MATH 375	Linear Algebra I	3
MATH 423	Modern Algebra I	3
MATH 451	Advanced Calculus I	3
MATH 460	Problem Seminar	3

Elective Courses:

1. Any mathematics course at the 300-500 level 3
Note 1: MATH 547 Theory of Sets may be elected only upon recommendation of mathematics faculty.
Note 2: A student who is also preparing to be a teacher should choose either MATH 404 Elements of Geometry or MATH 553 Concepts of Geometry to satisfy this elective.
 2. One course from the following list to be taken only after the student has completed MATH 340, 375, 423 and 451 or permission of instructor. 3
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| MATH 452 | Advanced Calculus II | 3 |
| MATH 524 | Modern Algebra II | 3 |
| MATH 526 | Linear Algebra II | 3 |

Recommended Coursework Outside the Major:

This is entirely dependent upon students' educational and professional objectives. Students are encouraged to consult closely with a departmental adviser in course selection.

Special Notes:

1. Thirty hours of required courses for the mathematics major must be completed with a numerical minimum grade of 2.0. The remaining 3 hours may be completed with a minimum grade of 2.0/S. Students are advised to complete the required courses for a numerical grade.
2. Transfer students who have fewer than 12 credit hours total in Calculus I, II and Multivariate Calculus should consult the chair of the department.