Mathematics (B.A. or B.S.)

Degree Type
B.A. or B.S.

Objectives:

To offer a broad foundation in theoreti9al and applied mathematics. To provide the necessary preparation for teaching, graduate study, or related work in a number of vocational fields.

Math 201 should be taken in the sophomore year, as it is prerequisite to most upper-level courses.

Only one course from Mathematics 460, 470, 471, 490, and 491 can count toward the major. Math 460 (Independent Study) can fill a major requirement only if it is taken for 3 or more credits.
Students in the B.S. degree program must minor in biology, chemistry, physics, or complete 20 hours of credit in at least three departments outside of mathematics in the Natural Sciences division.

Item #	Title	Semester Hours
MATH 151	Calculus I	4
MATH 152	Calculus II	4
MATH 201	Intro to Mathematical Reasoning	3
MATH 253	Calculus III	4
MATH 321	Linear Algebra	3
MATH 421	Modern Algebra	3
MATH 451	Real Variable Theory	3
	Three additional courses at or above the 200 level	9-15

Recommended

Item #	Title	Semester Hours
PHYS 201	General Physics I	4
	Total Credits	33-39

Three additional courses at or above the 200 level

Elective Credits 9-15

Chosen in consultation with the advisor.

The mathematics requirement is met by Mathematics 151.