

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

## Objectives:

To offer a broad foundation in theoretical 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.

**Program:** Mathematics

**Type:** B.A. or B.S.

## Entrance Requirements

- Submit a completed application;
- High School diploma or equivalent required:  
No
- Age Requirement:
- Submit official high school/high school equivalent transcripts, if applicable;
- Submit official college transcripts, if applicable;
- Satisfy Placement Testing requirements.

Item #	Title	Credits
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	Credits
PHYS 201	General Physics I	4
	<b>Minimum Credit Hours for Graduation:</b>	<b>33-39</b>