

## **B.A.** in Mathematics

#### Overview

**Degree Requirements** 

### **Description**

The Department of Mathematics offers a B.A. in mathematics for students who wish a broad education in a mathematical field in preparation for careers in teaching or other areas.

# Minimum Total Credit Hours: 120 General Education Requirements

See the 'General Education/Core Curriculum' for the College of Liberal Arts.

#### **Course Requirements**

A major in mathematics for a B.A. degree consists of 30 hours of mathematics courses as indicated below, plus a computer programming class chosen from:

• Csci 111, 251, 256, or 259.

#### Core Courses (24 hours)

- Math 261-264: Calculus I-IV 12 hours
- Math 305: Foundations 3 hours
- Math 319: Linear Algebra 3 hours
- Math 555: Advanced Calculus I 3 hours
- Math 525: Modern Algebra I 3 hours

#### Math electives:

• 300 level or above - 6 hours

#### Other Academic Requirements

Grades lower than C in mathematics courses will not be counted toward the mathematics major for the B.A. degree.

