



MATHEMATICS

The Mathematics programs provide a strong foundation of the clear reasoning, systematic thought, and teamwork needed to solve problems faced in business, government, education and research. Grounded in the liberal arts and trained in mathematical logic, mathematics majors may pursue graduate studies or assume positions in a variety of organizations. Mathematics teachers will have the preparation needed for Mathematics Secondary Education Teacher certification.

DEGREES OFFERED

Bachelor of Arts in Mathematics – 126 Credits

Bachelor of Arts in Mathematics for Secondary Educators– 126 Credits

MAJOR REQUIREMENTS

Bachelor of Arts in Mathematics:

Fundamentals of Discrete Mathematics
Calculus III
Calculus IV
Probability & Statistics
Modern Algebra
Linear Algebra
Real Analysis I, II
Mathematics/Computer Senior Seminar
Physics I, II
3D Computing
Software Design and Programming
Directed Readings

MAJOR REQUIREMENTS

Bachelor of Arts in Mathematics for Secondary level Educators:

Fundamentals of Discrete Mathematics
Calculus III
Calculus IV
Probability & Statistics
Modern Algebra
Linear Algebra
Real Analysis I
Mathematics/Computer Senior Seminar
Physics I, II
3D Computing
Modern Geometry
Mathematics Electives (300 level or above)
Mathematics Electives (300 level or above)

Please refer to the Education Certification sheet which outlines the requirements to obtain teacher certification

*While a majority of the courses are offered in the evening,
day courses need to be taken to complete degree requirements*