With a Baccalaureate degree in Mathematics with a concentration in Actuarial Science, students develop problem-solving, logical, and critical thinking skills. While completing this degree, students develop a general understanding of mathematics and a knowledge of statistical reasoning including the use of statistical software to aid in problem-solving and investigation, applying appropriate statistical procedures, and drawing valid statistical conclusions. Coursework in economics and finance also helps prepare students for graduate work in actuarial science or to enter the job force. After graduation and upon the successful completion of the Society of Actuaries Probability Exam and Financial Mathematics Exam, individuals entering the job market could function as actuaries in the insurance field or as applied statisticians working in areas such as risk management and marketing.

A Minor in Mathematics is a natural enhancement to many majors outside mathematics where an understanding of mathematics is needed (e.g., physics, computer science, chemistry, biology, geology). A minor in mathematics enables non-mathematics majors to complete a focused course of study in mathematics on a smaller scale.

The Graduate Certificate in Applied Mathematics is intended to provide licensed secondary mathematics teachers the credentials required by the Higher Learning Commission to teach concurrent enrollment classes and to enable other professionals to enhance their knowledge of applied mathematics. For more complete program information: Applied Mathematics (Graduate Certificate).

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Programs of Study
Associates
• Mathematics, Liberal Arts (AS)

Bachelors/Minors
• Actuarial Science, Mathematics (BS)
• Applied Mathematics, Mathematics (BS)
• Education: Secondary Education, Mathematics (BS)
• Mathematics (BS)
• Mathematics (Minor)
• Statistics (Minor)
• Statistics, Mathematics (BS)

Graduate
• Applied Mathematics (Graduate Certificate)