



Student Learning Outcomes - Mathematics (minors)

Actuarial Science Minor

Student Learning Outcome 1:

Demonstrate a basic understanding of probability and statistics by their ability to solve a variety of exam problems.

Student Learning Outcome 2:

Correctly solve a variety of actuarial science problems using both basic and advanced mathematical techniques.

Student Learning Outcome 3:

Apply actuarial mathematics to problems in a variety of fields, including insurance, finance, investment, and other businesses.

Student Learning Outcome 4:

Communicate effectively and clearly both in written and oral form.

Applied Mathematics Minor

Student Learning Outcome 1:

Apply mathematics to problems in various areas including science and engineering

Student Learning Outcome 2:

Use mathematical software to solve problems

Student Learning Outcome 3:

Understand the theory and applications of calculus and linear algebra

Student Learning Outcome 4:

Read, write, listen and speak mathematically, and to read and understand mathematically based material