

Actuarial Studies

minor at



Why be an actuary?

- High demand
- Competitive salaries
- Intellectual challenge
- Opportunities for advancement

What is an actuary?

Actuaries are risk analysts. They use mathematics, statistics, and data to advise companies (such as insurance) in their risk management strategies. Actuary is a popular career choice for math majors, but it might be suitable for majors in Risk management, Applied mathematical Economics, Finance, and others.

Find out more:

<https://www.beanactuary.org/what-is-an-actuary/what-do-we-do/>

Actuarial Studies Minor

A. Core Requirements

ECO 101 – Principles of Microeconomics
ECO 200 - Principles of Macroeconomics
FIN 325 – Corporate Finance
MAT 240 - Multivariable Calculus
MAT 354 – Mathematical Statistics A
MAT 454 - Mathematical Statistics B

Choose one of the following options:

Option 1

ACC 201 – Principles of Accounting I
ACC 202 – Principles of Accounting II

Option 2

ACC 321 – Accounting as a Management Tool

B. Elective Requirements (3 cr)

Choose one of the following under advisement:

BUS 498 – Management Internship
ECO 312 – Introduction to Econometrics
MAT 399 - Independent Study
MAT 407 – Actuarial Probability
MAT 498 – Internship in Mathematics
MAT 499 – Independent Study
RMI 300 – Introduction to Risk Management and Insurance