About The Major
Actuarial science is a discipline that applies mathematical and statistical methods to assess risk in insurance, finance, and other industries. Actuaries use mathematical and statistical concepts to determine the likelihood of certain events occurring in the future (and when they’ll happen) and their expected financial impact.

Sample Course Work
- Calculus I, II, III
- Linear Algebra for Applications
- Introduction to Statistical Methods
- Introduction to Probability
- Mathematics of Finance
- Introduction to Financial Engineering

Possible Careers
- Actuary
- Accountant
- Auditor
- Budget Analyst
- Cost Estimator
- Financial Analyst
- Economist
- Personal Financial Advisor
- Professor
- Mathematician
- Statistician
- Insurance Underwriter

*Some titles may require further education

UNI Graduates: Where Are They Now?
- Principal Financial Group
- Transamerica
- Athene USA
- Nationwide
- CUNA Mutual Group
- Allstate
- Global Atlantic Financial Group
- John Deere
- Farm Bureau Financial Services
- American Family Insurance
- Coaching Actuaries
- IMT Insurance
- Arity
- Sammons Financial Group
- Grinnell Mutual
- Hause Actuarial Solutions, Inc

Skills Needed
- Analytical skills
- Communication skills
- Computer skills
- Interpersonal skills
- Math skills
- Problem-solving
- Time-management
- Critical Thinking
- Organization