The University of Iowa offers a B.S. Program in Actuarial Science

The Actuarial Science program prepares students for careers as actuaries. It helps them learn material that is included in professional examinations administered by the Society of Actuaries, which actuarial students must pass in order to achieve professional status. In addition to actuarial science courses, students can take courses in preparation for business aspects of the actuarial profession such as accounting, law, finance, insurance, and economics. The Society of Actuaries (SOA) has recognized University of Iowa’s actuarial science program as a Center of Actuarial Excellence (CAE). There are eight criteria for the designation, including curriculum, faculty composition, graduate quality, connection to industry, and research/scholarship.

For more information contact us at: actuarial – science@uiowa.edu or www.stat.uiowa.edu or 319.335.0712

Sample Schedule
(not including General Education requirements)

Year 1, Fall
- MATH:1850 Calculus I
- CS:1210 Computer Science 1
- ECON:1100 Principles of Microeconomics

Year 1, Spring
- MATH:1860 Calculus II
- MATH:2700 Introduction to Linear Algebra
- ECON:1200 Principles of Macroeconomics

Year 2, Fall
- MATH:2850 Calculus III
- STAT:3100 Introduction to Mathematical Statistics I

Year 2, Spring
- MATH:3770 Fundamentals of Properties of Spaces and Functions I
- STAT:3101 Introduction to Mathematical Statistics II
- ACTS:3080 Mathematics of Finance I
- ACTS:3210 Actuarial Exam FM Prep

Year 3, Fall
- STAT:4100 Mathematical Statistics I
- ACTS:4130 Quantitative Methods for Actuaries
- ACTS:3110 Actuarial Exam P Prep
- FIN:3300 Corporate Finance

Year 3, Spring
- STAT:4101 Mathematical Statistics II
- ACTS:4180 Life Contingencies I
- ACTS:4380 Mathematics of Finance II

Year 4, Fall
- ACTS:4280 Life Contingencies II
- STAT:4560 Statistics for Risk Modeling

Year 4, Spring
- ACTS:6480 Loss Distributions
- ACTS:6580 Credibility and Survival Analysis