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

The Actuarial Science program prepares students for careers as actuaries. It also helps them learn material that is included in professional examinations administered by the Casualty Actuarial Society and the Society of Actuaries, which actuaries must pass in order to achieve professional status. In addition to actuarial science courses, students take courses in preparation for business aspects of the actuarial profession including 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 319.335.0712 or www.stat.uiowa.edu

TYPICAL M. S. COURSE SCHEDULE

Year 1, Fall
- STAT:4100 Mathematical Statistics I
- ACTS:3080 Mathematics of Finance I
- ACTS:4130 Quantitative Methods for Actuaries

Year 1, Spring
- STAT:4101 Mathematical Statistics II
- ACTS:4180 Life Contingencies I
- ACTS:4380 Mathematics of Finance II

Year 2, Fall
- STAT:4510 Regression, Time Series and Forecasting
- ACTS:4280 Life Contingencies II
- ACTS:6160 Topics in Actuarial Science

Year 2, Spring
- M.S. Final Examination
- ACTS:6480 Loss Distributions
- ACTS:6580 Credibility and Survival Analysis
- FIN:3300 Corporate Finance

Ph.D. Degree
We do not have a formal Actuarial Science Ph.D. program at the University of Iowa. Students who desire to work on a Ph.D. in Statistics with concentration in actuarial science/financial mathematics are cautioned that this is a very selective and highly mathematical program.