Bachelor of Science in Mathematics Actuarial Track
(effective Fall 2014)

General education requirements: 24 hours

A&S programmatic requirements: 13-15 hours

Supporting courses in Natural Sciences: 7-8 hours

- Natural science course and lab:
  - Physics 298 and 295 (5 hours); or
  - Chemistry 201 and 207 (5 hours); or
  - Biology 102 and 104 (4 hours)
- Elective in a second natural science discipline (3 hours)

Supporting courses in Business: 15 hours

- ECON 201-202 (6 hours)
- FIN 301, 401, 414 (9 hours)

Mathematics courses: 48 hours

- 205, 206, 301 (12 hours) Calculus 1,2,3
- 311 (3 hours) Intro to Higher Math
- 325 (3 hours) Linear Algebra
- 387 (3 hours) Discrete Math
- 405 (3 hours) Diff. Eq.
- 501 (3 hours) Intro to Analysis 1
- 521 (3 hours) Modern Algebra 1
- 560 (3 hours) Statistical Data Analysis (WR)
- 561 (3 hours) Probability
- 562 (3 hours) Math. Statistics
- 570 (3 hours) Found. of Actuarial Science
- 572 (3 hours) Theory of Interest
- 573 (3 hours) Actuarial Models

Minimum electives: 14-17 hours

1. 13 hours of Gen Ed are met by the supporting courses
2. ECON 201 fulfills 3 hours of the social and behavioral science Gen Ed requirement
3. Enrollment in these courses requires admission to a Finance minor.