

Actuarial Science

Major

The Actuarial Science major is an interdisciplinary program that is housed in the Math program. It requires 48 semester hours, with 28 hours of the courses taking place in Math and the remaining 20 hours in Accounting, Economics, and Finance. The focus of the program is to prepare students for careers as actuaries, with at least one course focused around actuarial exam preparation. The program will ensure that students will also complete a Math minor and be prepared to attempt two professional exams prior to graduation. For timely progress toward the degree students should complete MA 223 before the start of their junior year. For more information, contact Professor Patricia Kihne in the Mathematics program. The courses required for the major are:

Mathematics Core

| Item # | Title | Credits |
|---------------|--------------------------------|----------------|
| MA 213 | Calculus I | 4.0 |
| MA 223 | Calculus II | 4.0 |
| MA 233 | Calculus III | 4.0 |
| MA 323 | Introduction to Linear Algebra | 4.0 |
| MA 343 | Probability & Statistics | 4.0 |
| MA 347 | Mathematics of Investment | 4.0 |
| | Sub-Total Credits | 28 |

Business/Other Core

| Item # | Title | Credits |
|---------------|--------------------------------------|----------------|
| AC 231 | Principles of Accounting | 4.0 |
| AC 325 | Intermediate Financial Accounting I | 4.0 |
| AC 326 | Intermediate Financial Accounting II | 4.0 |
| EC 105 | Principles of Economics | 4.0 |
| FI 362 | Corporate Risk Management | 4.0 |
| IS 485 | A Liberal Arts Survival Guide | 4.0 |
| | Sub-Total Credits | 20 |
| | Total Credits | 48 |