

ACTUARIAL SCIENCE, MINOR IN

The minor in actuarial science prepares students for the two actuarial exams and part of the college courses required for a designation of Associate of the Society of Actuaries, Casualty Actuarial Society or Canadian Institute of Actuaries. Specifically the minor provides students with intense background in principles of actuarial models and opens a broad path to an actuarial professional world.

The minor in actuarial science is for non-actuarial science majors and requires a minimum of 18 credits. Required courses account for six credits and four electives complete the minor as outlined below. Students must attain a minimum cumulative GPA of 2.5 in these courses.

Students should earn a minimum grade of C in either MATH 200 or BUSN 212, as that is a prerequisite for the required actuarial science courses.

| Course | Title | Hours |
|---------------------------|---------------------------------------|-----------|
| Required courses | | |
| FIRE 319 | Financial Mathematics | 3 |
| FIRE 320 | Actuarial Probability Concepts | 3 |
| Electives | | |
| Select four. | | 12 |
| ACCT 203 | Introduction to Accounting I | |
| ACCT 204 | Introduction to Accounting II | |
| FIRE 309 | Risk Management and Insurance | |
| ECON 210 | Principles of Microeconomics | |
| ECON 211 | Principles of Macroeconomics | |
| FIRE 311 | Financial Management | |
| FIRE 312 | Financial Modeling | |
| FIRE 321 | Intermediate Financial Management | |
| FIRE 451 | Options, Futures and Swaps | |
| MATH 201 | Calculus with Analytic Geometry II | |
| MATH courses (300+ level) | | |
| STAT 310 | Introduction to Statistical Inference | |
| STAT courses (200+ level) | | |
| Total Hours | | 18 |