

## ACTUARIAL SCIENCE, MINOR IN

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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 take MATH 200 with a minimum grade of B, as it is a prerequisite for the actuarial science required courses.

Course	Title	Hours
<b>Required courses</b>		
FIRE 319	Financial Mathematics	3
FIRE 320	Actuarial Probability Concepts	3
<b>Electives</b>		
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 200	Calculus with Analytic Geometry I	
MATH 201	Calculus with Analytic Geometry II	
MATH courses (300+ level)		
STAT 310	Introduction to Statistical Inference	
STAT courses (200+ level)		
Total Hours		18