

MINOR: ACTUARIAL SCIENCE

Student Learning Outcomes

Students graduating from this program will:

- apply basic concepts of actuarial science and the laws of probability and statistics to solve actuarial science problems.
- apply advanced concepts of actuarial science, such as the theory of life contingencies and the theory of interest to solve actuarial science problems.
- use actuarial science software packages to complete actuarial science tasks.
- communicate the results of actuarial science quantitative analysis effectively and clearly, both in writing and orally.

Requirements for the Minor in Actuarial Science

Code	Title	Credits
Mathematics		
MATH 220 or MATH 268	Calculus II Accelerated Calculus II	4
Economics		
ECON 201	Principles of Macroeconomics	3
ECON 202	Principles of Microeconomics	3
Accounting		
ACCTNG 210	Introduction To Financial Accounting	3
Finance		
FIN 325	Financial Management	3
FIN 345	Investments	3
Statistics		
STAT 436	Introduction To Mathematical Statistics I	3
Take one of the following courses:		3
STAT 441	Introduction To Mathematical Statistics II	
STAT 480	Statistical Models in Actuarial Science	
STAT 482	Statistical Models for Life Contingencies	
Total Credits		25