

ACTUARIAL SCIENCE

Department of Mathematics (<https://cas.umw.edu/math/>)

The minor in actuarial science provides students with the necessary background coursework for careers in a field whose demand is constantly on the rise. The minor is open to students from all majors. It offers an opportunity for students to develop skills expected of entry level actuaries; equipping them with the tools to help companies and businesses to better anticipate and manage risk. This minor also provides reasonable preparation for the first two actuarial examinations.

Minor Requirements

A minimum of 22 credits are required.

Code	Title	Credits
MATH 122	Calculus II	4
MATH 481	Theory of Interest	3
STAT 381	Probability and Statistical Inference	3
ECON 201B	Principles of Macroeconomics	3
ECON 202B	Principles of Microeconomics	3
Select 6-7 credits of the following:		6-7
ACCT 301	Intermediate Accounting I	
ACCT 302	Intermediate Accounting II	
CPSC 310	Computer Information Systems	
ECON 303	Microeconomics	
ECON 304	Macroeconomics	
ECON 321	Money And Banking	
ECON 322A	Investment Analysis	
MATH 351A	Numerical Analysis I	
MATH 352A	Numerical Analysis II	
STAT 382	Probability and Statistical Inference	
Total Credits		22-23

Mathematics Department

Julius N. Esunge, Chair

Randall D. Helmstutler, Career Advisor for Pure Mathematics

Jangwoon Lee, Career Advisor for Applied Mathematics

Debra L. Hydorn, Career Advisor for Statistics

Faculty

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