ACTUARIAL SCIENCE, CAPSTONE CERTIFICATE

REQUIREMENTS

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GRADE REQUIREMENTS

Student must have a minimum GPA of 2.00

REQUIRED COURSES

Students must complete 12 credits of coursework from the courses listed below. Students can elect to take courses that meet the SOA/CAS Validation by Educational Experience (VEE) requirements with approval from the capstone director.

Code	Title	Credits
Core		
ACT SCI 303	Theory of Interest	3
ACT SCI 650	Fundamentals of Long-Term Actuarial Modeling	3
ACT SCI 652	Fundamentals of Short-Term Actuarial Modeling	3
Elective		
Students must complete one of the following courses:		
ACT SCI 640	Actuarial Statistics for Risk Modeling	3-4
or ACT SCI 651	Advanced Long-Term Actuarial Modeling	
or ACT SCI 653	Advanced Short-Term Actuarial Modeling	
Total Credits		**12**

Optional Supporting Courses

The following courses are recommended as preparation for an actuarial career:

Code	Title	Credits
ACCT I S 100	Introductory Financial Accounting	3
ACT SCI 654	Regression and Time Series for Actuaries	2-3
ACT SCI 655	Health Analytics	3
ACT SCI 657	Risk Analytics	3
ECON 101	Principles of Microeconomics	4
ECON 102	Principles of Macroeconomics	3-4
FINANCE/ ECON 300	Introduction to Finance	3
GEN BUS 656	Foundations of Statistical Learning for Business Analytics	3
R M I 655	Risk Financing Techniques	3
Review course for actuarial examinations:		
ACT SCI 300	Probability for Actuaries	1

MINIMUM REQUIREMENTS FOR CAPSTONE CERTIFICATE COMPLETION

- Students must earn a minimum grade of C in each course used to meet Capstone Certificate requirements.
- Courses in which a student elects the pass/fail or audit option will not count toward completion of Capstone Certificate requirements.
- All of the Capstone Certificate credits must be earned "in residence" (which includes on campus and distance-delivered courses) at UW-Madison.
- All of the Capstone Certificate credits must be earned while enrolled in the Capstone Certificate program.

Individual Capstone Certificate programs may have additional requirements for completion, which will be listed above as/if applicable.