Actuarial Science, MS

Academic Plans

Sample Plan of Study

Sample plans represent one way to complete a program of study. Actual course selection and sequence will vary and should be discussed with an academic advisor. For additional sample plans, see MyUI.

Actuarial Science, MS

Course	Title	Hours
Academic Career		
Any Semester		
36 s.h. must be graduate level coursework; graduate transfer credits allowed upon approval. More information is included in the General Catalog and on department website. [a]		
Graduate College program GPA of at least 3.00 is required. [b]		
	Hours	**0**
First Year		
Fall		
ACTS:3080	Mathematics of Finance I	3
ACTS:4130	Quantitative Methods for Actuaries	3
STAT:5100	Statistical Inference I	3
	Hours	**9**
Spring		
ACTS:4150	Fundamentals of Short-Term Actuarial Mathematics	3
ACTS:4180	Life Contingencies I	3
STAT:5101	Statistical Inference II	3
	Hours	**9**
Second Year		
Fall		
ACTS:4280	Life Contingencies II	3
STAT:4560	Statistics for Risk Modeling I	3
STAT:6300	Probability and Stochastic Processes I	3
	Hours	**9**
Spring		
Exam: Master's Final Exam [c, d]		
ACTS:6200	Predictive Analytics	3
STAT:4561	Statistics for Risk Modeling II	3
Elective course [e]		3
	Hours	**9**
	Total Hours	**36**

a Students must complete specific requirements in the University of Iowa Graduate College after program admission. Refer to the Graduate College website and the Manual of Rules and Regulations for more information.

b Graduate College program GPA is comprised of all courses that are approved degree requirements. If a student takes more than the minimum required number of semester hours to complete the degree, but all courses taken are eligible to count toward the degree, those courses will be included in the Graduate College program GPA.

c Students must also satisfactorily complete all degree requirements.

d The final examination is offered in the spring semester of the second year of study. Students who do not succeed on their first attempt may retake the exam once.

e See the General Catalog for list of approved courses.