

The Certificate in Actuarial Science prepares students to pursue employment as an actuary. In addition to the required courses, it is also recommend that students take courses in Linear Algebra, Statistics, and Numerical Methods.

Students must earn a grade of C or better in each course that is used to meet certificate requirements.

Name: _____

ID Number: _____

Certificate Completion Date: _____

Degree Sought: _____

Expected Graduation Date: _____

Course Requirements (24 credits)

Required:

- _____ MA1160 Calculus with Technology I (4)
- _____ MA2160 Calculus with Technology II (4)
- _____ MA3160 Multivariable Calc with Tech (4)
- _____ MA3810 Introduction to Actuarial Science (3)
- _____ MA3720 Probability (3) **or**
- _____ MA3740 Statistical Programming and Analysis (3)
- _____ MA4810 Life Contingencies (3) **or**
- _____ MA4820 Loss Distributions and Credibility Theory (3)

Note: One of the above courses can be substituted by successfully passing the first professional Actuarial Exam. Consult department advisor for more information on this option.

Select one of the following:

- _____ MA4710 Regression Analysis (3)
- _____ MA4780 Tim Series Analysis and Forecasting (3)
- _____ EC4200 Econometrics (3)
- _____ FIN4000 Investment Analysis (3)
- _____ FIN4100 Advanced Financial Management (3)

Degree Services Validation Office Use Only
Date: _____
GPA for courses: _____
Total Credits: _____

Approved: _____ Date: _____

Department of Mathematical Sciences