

Actuarial Science Major^{2,3}

Required Courses

Example Schedule (Note: many other options are possible)

Freshman Year

Fall

MATH 152: Calculus I¹

ECON 202: Microeconomics

STAT 148/218: Financial Mathematics

Spring

MATH 153: Calculus II

STAT 215/216: Intro to Probability

ECON 203: Macroeconomics

Sophomore Year

Fall

CMSC 111: Programming I

BUAD 201: Principles of Accounting I*

Spring

MATH 201: Multivariable Calculus

BUAD 202: Principles of Accounting II*

Junior Year

Fall

STAT 351: Actuarial Financial Economics

BUAD 305: Corporate Finance

CMSC 211: Programming for Business**

Spring

BUAD 242: Advanced Excel Techniques

BUAD 326: Investments Management

STAT 132: Accelerated Intro Statistics

STAT 202: Econometrics

Senior Year

Fall

STAT 352: Actuarial Life Contingencies

Spring

ENG 305: Technical Writing**

BUAD 325: Advanced Financial Management

BUAD 327: Insurance & Risk Management**

1. Or Calculus II in fall and multivariable calculus in spring (if had Calculus I in high school)

*Recommended pre-requisite, but not required

**1 of 3 is required, but taking all 3 is recommended course

2. Some upper level courses are offered every other year, so some deviations from this plan will be needed depending on the year of enrollment

3. Does not include core classes