

Actuarial Science Major Checklist (Fall 2019)

Course(s)	Suggested Year	Done	Need
Mathematics and Statistics Courses (5 Courses)			
*MATH 121 Calculus I	FR		
MATH 122 Calculus II	FR		
MATH 321 Vector Calculus	SO/JR		
STAT 210 Statistical Methods I or STAT 220 Statistical Methods II	SO		
STAT 310 Mathematical Statistics	JR/SR		
Actuarial Science Courses (2 Courses)			
ACSI 201 Financial Analysis Techniques	FR/SO		
ACSI 301 Theory of Interest	SO/JR		
Business Administration and Economics Courses (6 Courses)			
BUAD 242 Investments	SO/JR		
BUAD 342 Corporate Finance	SO/JR		
ECON 121 Principles of Microeconomics	FR/SO		
*ECON 122 Principles of Macroeconomics	FR/SO		
ECON 321 Intermediate Microeconomics	SO/JR		
ECON 348 Introduction to Econometrics	JR/SR		
Electives (CHOOSE TWO)			
BUAD 352 Fixed Income and Derivative Securities			
BUAD 442 Finance Capstone			
ECON 227 Health Economics			
ECON 232 Money and Banking			
SOCI 223 Ethics and Medicine			
STAT 304 Applied Regression Analysis			

* MATH 121 is not included in the major itself but is a prerequisite for MATH 122.

* ECON 122 is not included in the major itself but is a prerequisite for BUAD 242.