

Actuarial Science Major Checklist (Fall 2022)

Course(s)	Suggested Year	Done	Need
Mathematics and Statistics Courses (3 courses)			
MATH 122 Calculus II	FR		
STAT 220 Statistical Methods II	SO		
STAT 301 Mathematical Statistics	JR/SR		
Actuarial Science Courses (2 Courses)			
ACSI 201 Fundamental Techniques in Accounting and Risk	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 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			
PHIL 223 Ethics and Medicine			
STAT 304 Applied Regression Analysis			
One unit of Independent Study & Research (ACSI 406 or 405 & 407), Internship (ACSI 416), or Honors Project (ACSI 496 or 495 & 497)			

- * MATH 121 is a prerequisite for MATH 122
- * ECON 122 is a prerequisite for BUAD 242
- * INQ 240 or STAT 210 is a prerequisite for STAT 220