Actuarial Science BS Freshman 4-Year Plan

Catalog Year: 2023-2024

Fall Quarter	Units	Winter Quarter	Units	Spring Quarter	Units
FIRST YEAR					
BUS 010	4			CS 009A	4
Intro to Business				*Introduction to Python Programming*	
BUS 020	4	ECON 003	5	ENGL 001B	4
Financial Accounting and Reporting		Introduction to Microeconomics		*Intermediate Composition*	
ENGL 001A	4	MATH 009B or MATH 005B	4	MATH 009C Or MATH 005C	4
Beginning Composition		*First Year Calculus*		*First Year Calculus*	
MATH 009A or Math 005A	4	STAT 010	5	ECON 002	5
First Year Calculus		*Introduction to Statistics*		*Introduction to Macroeconomics*	
SECOND YEAR					
Math 031	5	STAT 107	4	MATH 046	4
Applied Linear Algebra		*Introduction to Statistical Computing w/R*		*Introduction to Ordinary Differential Equations*	
BUS 133	4	BUS 100W and ENGL 007	4	Breadth Course	4
		Management Writing and Communication		_____	
Breadth Course	4	MATH 010A	4	MATH 010B	4
_____		*Multivariable Calculus*		*Multivariable Calculus*	
		Breadth Course	4	Breadth Course	4
		_____		_____	
THIRD YEAR					
ECON 104A	5	BUS FIN or OCSM Course	4	STAT 160C	4
Intermediate Microecomincs Theory		_____		*Elements of Probability and Statistical Theory*	
STAT 160A	4	STAT 160B	4	STAT Elective Course 1 of 2	4
Elements of Probability and Statistical Theory		*Elements of Probability and Statistical Theory*		*STAT 161 or 167 or 170 or 171*	
BUS FIN or OCSM Course	4	STAT 146	4	BUS FIN or OCSM Course	4
_____		*Statistical Forecasting Techniques*		_____	
BUAS 101	4			ECON 104B	5
Foundations of Insurance				*Intermediate Microeconomics Theory*	
FOURTH YEAR					
BUS FIN or OCSM Course	4	Breadth Course	4	General Elective	4
_____		_____		_____	
STAT Elective Course 2 of 2	4	BUS FIN or OCSM Course	4	General Elective	4
STAT 161 or 167 or 170 or 171		_____		_____	
BUS FIN or OSCM Course	4	Breadth Course	4	General Elective	4
_____		_____		_____	
BUS FIN or OCSM Course	4	General Elective	4		
_____		_____			

To earn a B.S., you must complete all College and University requirements. For a complete list: catalog.ucr.edu.

ENGLISH BREADTH REQUIREMENTS

A "C" or better is required in three quarters of English Composition courses to satisfy the graduation requirement. BUS 100W fulfills the third quarter of English Composition. BUS 100W requires concurrent enrollment in ENGL 007 Writing Workshop.

English (3 courses)
1. ENGL 001A
2. ENGL 001B
3. BUS 100W** or ENGL 001C

ADDITIONAL BREADTH REQUIREMENTS

Work with BUS Advisor regarding ACTS breadth

Humanities: (3 courses)
 A. World History
 B. Fine Arts, Lit, Phil or Rlst*
 C. One additional Humanities course*

Social Sciences: (2 courses)
 A. Econ or Posc **
 B. Anth, Psyc, or Soc

Ethnicity*: (1 course) (Recommend double count with Humanities)

Natural Science and Mathematics (5 courses)
 A. Biological Sciences course
 B. Mathematics course**
 C. Physical Science course
 D. Two Additional courses from Mathematics, Statistcs, or Computer Science (8 units) **

Three Additional Courses from Humanities, Social Sciences, or Natural Sciences and Mathematics (12 units)**

Course Plan is subject to change.

Total Units: 182.5   Maximum Units: 216