

Actuarial Science Track

This track is designed for the student that is interested in becoming an Actuary. Success in this track requires passing actuarial science exams that are required for employment in the actuary field. Only students that are interested in specifically becoming actuaries should select this track.

Freshman Year

FALL SEMESTER

Course	Name	Hours
ENC 1101	Freshman Communication Skills I	3
MAC 3211	Calculus I	4
AMH 2091	Introduction to African American History	3
	Humanities Core	3
ISC 1058	Scientists Life Skills	2
		15

SPRING SEMESTER

Course	Name	Hours
ENC 1102	Freshman Communication Skills II	3
STA 2023	Probability and Statistics	3
COP 3014C	Programming in C Language	4
MAC 2312	Calculus II	4
MAN 2543	Introduction to Business Systems	3
		17

* Approves Science Sequences: **General Biology** (BSC 1010/L, BSC 1011/L), **General Chemistry** (CHM 1045/L, CHM 1046/L), or **General Physics** (PHY 2048/L, PHY 2049/L).

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Sophomore Year

FALL SEMESTER

Course	Name	Hours
MAC 2313	Calculus III	5
STA 3034	Mathematical Statistics (fall only)	3
MAS 3105	Linear Algebra	3
SPC 2608	Public Speaking	3
	Approved Science Sequence*	4
		18

SPRING SEMESTER

Course	Name	Hours
COT 3100	Discrete Mathematics	3
MAP 2302	Differential Equations	3
	Humanities Elective	3
	Approved Science Sequence*	4
	Social Science Core	3
		16

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Junior Year

FALL SEMESTER

Course	Name	Hours
MAD 3401	Numerical Analysis (fall only)	3
ECO 2013	Principles of Economics I	3
ACG 2021	Financial Accounting Principles	3
MAT 4937	Senior Seminar (fall only)	3
	Social Science Elective	3
	Elective	3
		18

SPRING SEMESTER

Course	Name	Hours
ACG 2301	Managerial Accounting	3
ECO 2023	Principles of Economics II	3
FIN 3403	Corporate Finance	3
	Elective	3
		12

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Senior Year

FALL SEMESTER

Course	Name	Hours
MAA 4211	Advanced Calculus I (fall only)	3
MAN 3025	Principles in Management	3
RMI 3011	Principles of Risk Management & Insurance	3
	Electives	6
		15

SPRING SEMESTER

Course	Name	Hours
MAP 4103	Mathematical Modeling	3
MAR 3023	Principles of Marketing	3
	Elective	3
		9

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