



SAMPLE FOUR-YEAR PLAN for the  
BACHELOR OF SCIENCE IN  
MATHEMATICS with CONCENTRATION IN ACTUARIAL SCIENCE

**Freshman Year**

<u>Fall</u>	<u>Credits</u>	<u>Spring</u>	<u>Credits</u>
MATH 125 Experimental Mathematics.....	3	MATH 162 Calculus II.....	4
MATH 161 Calculus I.....	4	Foundations of Social Science Course.....	3
ACCT 201 Principles of Accounting I.....	3	HUMA 102 Civ and the Biblical Revelation.....	3
WRIT 101 Foundations of Academic Discourse.....	3	*Foreign Language or General Elective.....	3
*Foreign Language or General Elective.....	3	COMP 141 Computer Programming I.....	<u>3</u>
PHYE 100 Healthful Living.....	<u>1</u>		16
	17		

**Sophomore Year**

<u>Fall</u>	<u>Credits</u>	<u>Spring</u>	<u>Credits</u>
MATH 210 <u>or</u> MATH 213.....	3-4	MATH 222 Linear Algebra.....	4
MATH 261 Calculus III.....	4	PHYS 101 General Physics I.....	4
HUMA 200 Western Civilization.....	3	SSFT Course.....	2
HUMA 202 Civilization and Literature.....	3	*Foreign Language or General Elective.....	3
*Foreign Language or General Elective.....	<u>3</u>	General Elective.....	<u>3</u>
	16		16

**Junior Year**

<u>Fall</u>	<u>Credits</u>	<u>Spring</u>	<u>Credits</u>
STAT 331 Theory of Statistics I.....	3	MATH 306 Actuarial Mathematics (Gen. Elec if course waived)..	1
MATH 421 Abstract Alg. or 465 Classical Analysis.....	3	STAT 332 Theory of Statistics II.....	3
FNCE 202 Principles of Finance.....	3	MATH 421 Abstract Alg. or MATH 465 Classical Analysis.....	3
HUMA 301 Civilization and the Arts.....	3	MNGT 433 Risk and Insurance.....	3
General Electives.....	<u>4</u>	HUMA 303 Christianity and Civilization.....	3
	16	Natural Science with Lab.....	<u>4</u>
			17

**Senior Year**

<u>Fall</u>	<u>Credits</u>	<u>Spring</u>	<u>Credits</u>
MATH 488 Seminar in Mathematics or General Elec.....	2	MATH 488 Seminar in Mathematics or General Elective.....	2
FNCE 332 Investments.....	3	MATH Elective.....	3
MATH Elective.....	3	General Electives.....	<u>10</u>
General Electives.....	<u>7</u>		15
	15		

**A total of at least 128 credits of coursework are required for graduation.**

\*Note: No college credits are earned when a student receives a language waiver. When a waiver is earned, the credits currently assigned to foreign language study must be fulfilled through general electives of the student's choosing.