
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	Writing Requirement or HUMA course	3
Writing Requirement or HUMA course	3	General Elective.....	3
General Elective.....	2	COMP 141 Computer Programming I.....	<u>3</u>
HUMA 100 The Humanities: Christian Wisdom.....	<u>1</u>		16
	16		

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	HUMA Course	3
HUMA Course	3	General Electives.....	<u>9</u>
FNCE 202 Principles of Finance.....	3		16
General Elective.....	<u>2-3</u>		
	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
PHYS 101 General Physics I.....	4	MATH 421 Abstract Alg. or MATH 465 Classical Analysis.....	3
HUMA Course	3	MNGT 433 Risk and Insurance.....	3
General Electives.....	<u>3</u>	HUMA Course	3
	16	SSFT Course.....	<u>2</u>
			15

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>11</u>
HUMA 300 Gospel and the Good Life: Christian Ethics....	2		16
General Electives.....	<u>7</u>		
	17		

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