



**Sample 4 Year Plan
Bachelor of Science
Mathematics
Actuarial Science Concentration**

		Fall Semester		Spring Semester		
		Course Information	Credit Hrs	Course Information	Credit Hrs	
First Year	AP	UNIV 1000 – University Success	1	AP	ENGL 1020 – English Composition II	3
	AP	ENGL 1010 – English Composition I	3		ECON 2200 – Principles of Microeconomics	3
	AP	ECON 2100 – Principles of Macroeconomics	3	AP	Natural Science Core w/lab	4
	AP	MATH 1910 – Calculus & Analytic Geometry	4		MATH 1920 – Calculus & Analytic Geometry II	4
	AP	Natural Science Core w/lab	4		MATH 1200 – Intro to Actuarial Science	1
	TOTAL SCH			15	TOTAL SCH	

		Fall Semester		Spring Semester		
Second Year		STAT 3250 – Statistical Methods	3	AP	ENGL 2330 – Topics in World Literature	3
		MATH 2110 – Calculus	4		CSCI 1010/1011 – Intro to Programming OR CSCI 2000 – Programming OR MATH 4321 – Intro to Data Analysis and Programming	4
		MATH 4130 – Intro to Financial Mathematics	3		MATH 3450 – Linear Algebra	3
		MATH Elective	1		STAT 4120 – Regression Analysis	3
	AP	COMM 2045 – Public Speaking	3	AP	Humanities and Fine Arts Core	3
	TOTAL SCH			14	TOTAL SCH	

		Fall Semester		Spring Semester		
Third Year		ACCT 2010/201L – Intro to Accounting I	3		MATH 4190 – Fund of Actuarial Mathematics	3
		MATH 4240 – Probability	3		MATH Elective	3
		MATH Elective	1		Minor Course or Elective	3
		MATH 4450 – Mathematical Models	3	AP	Humanities and Fine Arts Core	3
	AP	History Core	3		STAT 4250 – Mathematical Statistics	3
		MATH 3010 – Intro to Math Reasoning	3			
TOTAL SCH			16	TOTALSCH		

		Fall Semester		Spring Semester		
Fourth Year		STAT 4140 – Time Series Analysis	3		MATH 4810 – Senior Seminar I	1
		Minor Course or Elective	3		FIN 3010 – Principles of Finance	3
	AP	Social and Behavioral Sciences Cores	3		Minor Course or Elective	3
		Minor Course or Elective	3		Minor Course or Elective	3
	AP	History Core	3		Minor Course or Elective	3
					Minor Course or Elective	3
TOTAL SCH			15	TOTAL SCH		

***AP** designates General Education Core Course to be completed for your degree.

**Bachelor degrees require the completion of 33 upper division (3000 – 4999) credit hours.