



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

		Fall Semester		Spring Semester		
First Year		Course Information	Credit Hrs		Course Information	Credit Hrs
	AP	UNIV 1000 – University Success	1	AP	ENGL 1020 – English Composition II	3
	AP	ENGL 1010 – English Composition I	3		CSCI 2000 – Programming & Data Structure Using C++	4
	AP	Social and Behavioral Science Core	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			
<b>TOTAL SCH</b>			<b>15</b>	<b>TOTAL SCH 15</b>		

		Fall Semester		Spring Semester		
Second Year		MATH 3010 – Intro to Math Reasoning	3		MATH 3450 – Linear Algebra	3
		MATH 2110 – Calculus	4		STAT 3250 – Statistical Methods	3
		Elective	3		Elective	3
	AP	ENGL 2330 – Topics in World Literature	3		Elective	3
	AP	COMM 2045 – Public Speaking	3	AP	Humanities and Fine Arts Core	3
	<b>TOTAL SCH</b>			<b>16</b>	<b>TOTAL SCH 15</b>	

		Fall Semester		Spring Semester		
Third Year		STAT 4120 – Regression Analysis	3		STAT 4130 – Experimental Design or MATH/STAT 4270 – Nonparametric Statistics	3
		Elective	3		STAT 4250 – Mathematical Statistics or MATH/STAT 4260 – Stochastic Processes	3
		Elective	3		Elective	3
		MATH/STAT 4240 - Probability	3	AP	Humanities and Fine Arts Core	3
	AP	History Core	3	AP	History Core	3
	<b>TOTAL SCH</b>			<b>15</b>	<b>TOTALSCH 15</b>	

		Fall Semester		Spring Semester		
Fourth Year		Elective	3		STAT 4130 – Experimental Design or MATH/STAT 4270 – Nonparametric Statistics	3
		MATH 4450 – Mathematical Models	3		STAT 4250 – Mathematical Statistics or MATH/STAT 4260 – Stochastic Processes	3
	AP	Social and Behavioral Sciences Cores	3		MATH 4810 – Senior Seminar	1
		Elective	3		Elective	4
		Elective	3		Elective	4
	<b>TOTAL SCH</b>			<b>15</b>	<b>TOTAL SCH 15</b>	

\*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.