



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

	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	Programming Course: CSCI 1010/1011 – Intro to Programming I w/lab; CSCI 2000 – Programming & Data Structure Using C++; OR MATH 4321 -	4
	AP Social and Behavioral Science Core	3	AP Natural Science Core w/lab	4
	AP MATH 1910 – Calculus I	4	MATH 1920 – Calculus II	4
	AP Natural Science Core w/lab	4	MATH 1234 – Math Seminar or MATH 1200 -	1
	TOTAL SCH	15	TOTAL SCH	16

	Fall Semester		Spring Semester	
	Course Information	Credit Hrs	Course Information	Credit Hrs
Second Year	MATH 3010 – Intro to Math Reasoning	3	MATH 3450 – Linear Algebra	3
	MATH 2110 – Calculus III	4	MATH 3120 – Differential Equations I	3
	AP History Core	3	AP Humanities and Fine Arts Core	3
	AP ENGL 2330 – Topics in World Literature	3	Minor Requirement or Elective	3
	AP COMM 2045 – Public Speaking	3	AP Humanities and Fine Arts Core	3
	TOTAL SCH	16	TOTAL SCH	15

	Fall Semester		Spring Semester	
	Course Information	Credit Hrs	Course Information	Credit Hrs
Third Year	Minor Requirement or Elective	3	Minor Requirement or Elective	3
	MATH 4110 – Number Theory	3	MATH 4710 – Intro to Real Analysis or MATH 4500 – Modern Algebra	3
	Minor Requirement or Elective	3	MATH 3000 – Discrete Math or other 3000 or higher MATH Elective	3
	MATH/STAT 4240 – Probability	3	AP Humanities and Fine Arts Core	3
	AP Social and Behavioral Science Core	3	Minor Requirement or Elective	3
	TOTAL SCH	15	TOTALSCH	15

	Fall Semester		Spring Semester	
	Course Information	Credit Hrs	Course Information	Credit Hrs
Fourth Year	MATH 4160 – Complex Analysis or MATH 4210 – Topology or MATH 3000 or higher elective	3	MATH 4710 – Intro to Real Analysis or MATH 4500 – Modern Algebra	3
	MATH 4450 – Mathematical Models	3	Minor Requirement or Elective	3
	Elective or Minor Course	3	MATH/STAT 4810 – Senior Seminar	1
	Elective or Minor Course	3	MATH 4670 – Numerical Analysis or MATH 3000 or higher elective	3
	Minor Requirement or Elective	3	Minor Requirement or Elective	3
	TOTAL SCH	15	TOTAL SCH	13

***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.