



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

		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	AP	Humanities and/or Fine Arts Core	3
	AP	COMM 2045 – Public Speaking	3	AP	PHYS 2120/2121 – University Physics II w/lab	4
	AP	MATH 1910 – Calculus I	4		MATH 1920 – Calculus II	4
	AP	PHYS 2110/2111 – University Physics I w/lab	4		PHYS 2050 – Seminar I	1
		TOTAL SCH	15		TOTAL SCH	15

		Fall Semester		Spring Semester		
Second Year		PHYS 3150 – Seminar II	1		CSCI 2000 – Programming for STEM	4
		MATH 2110 – Calculus III	4		MATH 3120 – Differential Equations I	3
		ENGR 3003 – Advanced Engineering Mathematics I	2		ENGR 3004 – Advanced Engineering Mathematics II	3
	AP	ENGL 2330 – Topics in World Literature	3		PHYS 3040/3041 – Experimental Methods	4
		PHYS 3000 – Intro. to Modern Physics	3	AP	Humanities and/or Fine Arts Core	3
		PHYS 3250 – Topics in Relativity	1			
		TOTAL SCH	14		TOTAL SCH	17

		Fall Semester		Spring Semester		
Third Year		Major Guided Elective (any level)	4		PHYS 3630 – Electricity & Magnetism I	3
		PHYS 3610 – Classical Mechanics I	3		PHYS 3701 – Advanced Lab	2
	AP	History Core	3		Major Guided Elective (any level)	4
		PHYS 4050 – Seminar III	1		Major Guided Elective (upper level)	3
		PHYS 4000/4001 – Computational Physics	4	AP	History Core	3
			TOTAL SCH	16		TOTALSCH

		Fall Semester		Spring Semester		
Fourth Year		PHYS 3800 – Quantum Mechanics I	3	AP	Social and Behavioral Sciences Core	3
	AP	Social and Behavioral Sciences Core	3		Major Guided Elective (upper level)	3
		Elective	4		PHYS 4990 – Capstone	1
		Major Guided Elective (upper level)	4		Elective	4
					Elective	3
		TOTAL SCH	14		TOTAL SCH	14

*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.