



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

	Fall Semester		Credit Hrs	Spring Semester		
	Course Information			Course Information		
First Year	AP	UNIV 1000 – University Success	1	AP	ENGL 1020 – English Composition II	3
	AP	ENGL 1010 – English Composition I	3		ENGR 2110 – Statics	3
		ENGR 1000 – Intro to Engineering	2	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 w/lab	4			
	TOTAL SCH		14		TOTAL SCH 14	

	Fall Semester		Credit Hrs	Spring Semester		
	Course Information			Course Information		
Second Year		CHEM 1110/1111 – General Chemistry I w/lab	4	AP	COMM 2045 – Public Speaking	3
		MATH 2110 – Calculus	4		MATH 3120 – Differential Equations I	3
		ENGR 3003 – Advanced Engineering Mathematics I	3		ENGR 3004 – Advanced Engineering Mathematics II	3
		ENGR 2120 – Dynamics	3		ENGR 3020 – Engineering Thermodynamics	3
		PHYS 3000 – Intro. to Modern Physics	3		ENGR 3040/3041 – Experimental Methods	4
	TOTAL SCH		17		TOTAL SCH 16	

	Fall Semester		Credit Hrs	Spring Semester		
	Course Information			Course Information		
Third Year	AP	Humanities and/or Fine Arts Core	3		PHYS 3630 – Electricity & Magnetism I	3
	AP	ECON 2100 – Principles of Macroeconomics	3		CSCI 2000 – Programming & Data Structures Using C++	4
	AP	ENGL 2330 – Topics in World Literature	3		ENGR 3700 – Mechanics of Materials	3
		ENGR 3050/3051 – DC and AC Circuits	4		ENGR 3101 – Advanced Engineering Lab	1
		ENGR 3600 – Materials Science	3		ENGR 3650 – Fluid Mechanics	3
	TOTAL SCH		16		TOTALSCH 14	

	Fall Semester		Credit Hrs	Spring Semester		
	Course Information			Course Information		
Fourth Year	AP	Humanities and/or Fine Arts Core	3	AP	History Core	3
	AP	Social and Behavioral Sciences Core	3		ENGR 4520 – Design II	3
		ENGR 4000/4001 – Computational Engineering	4		Engineering Physics Guided Elective (ENGR)	3
		ENGR 4510 – Design I	3		Engineering Physics Guided Elective (Any)	4
	AP	History Core	3			
	TOTAL SCH		16		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.