

B.S. in Electrical Engineering Plan of Study (Math 108)

	Fall	Spring	Summer/ J-Term
Year 1	ENGR 150 Intro to Engineering I		
	MATH 108 Calculus I with review	MATH 109 Calculus I with review	
	THEO 101 Christian Theological Tradition	CISC 130 Intro to Programming & Problem Solving in Science	PHYS 111 Intro to Classical Physics I
	ENGL 121 Critical Reading & Writing I (or ENGL 190)	ENGL 20X Critical Reading & Writing II	MATH 114 Calculus II
	PHIL 115 Philosophy of the Human Person	<i>Fine Arts Elective**</i>	
Year 2	ENGR 230 Digital Design	ENGR 240 Circuit Analysis	PHIL 214 Intro to Ethics
	MATH 200 Multi-Variable Calculus	MATH 210 Linear Algebra & Differential Equations	HIST 1XX
	PHYS 112 Intro to Classical Physics II	PHYS 225 Modern Physics***	
	THEO 2XX/3XX	<i>Foreign Language*</i>	
Year 3	ENGR XXX Elective ****	ENGR 331 Applications of Microprocessors***	Social Sciences Elective**
	ENGR 340 Signals & Systems***	ENGR 410 Control Systems & Automation	
	ENGR 345 Electronics I***	ENGR 346 Electronics II***	
	Foreign Language*	Foreign Language *	
Year 4	PHYS 341 Electricity & Magnetism***	ENGR 342 Electromagnetic Fields & Waves***	
	ENGR 480 Eng. Design Clinic I	ENGR 481 Eng. Design Clinic II	
	ENGR XXX Elective ****	ENGR XXX Elective ****	
	ENGR XXX Elective ****	THEO 4XX **	

* May place out of one or more semesters if proficient at 3rd Level. Must still meet the 84 credits outside the major requirement.

** May Satisfy Human Diversity requirement

*** These courses are only offered in the semester indicated.

**** Four Technical Electives required from 1 or more tracks