

B.S. in Electrical Engineering Plan of Study (2015)

	Fall	Spring	Summer/ J-Term
Year 1	ENGR 150 Intro to Engineering I		HIST 1XX
	MATH 113 Calculus I	MATH 114 Calculus II	Social Sciences Elective**
	THEO 101 Christian Theological Tradition	PHYS 111 Intro to Classical Physics I	
	ENGL 121 Critical Thinking: Literature and Writing	ENGL 20X	
	CISC 130 Intro to Programming & Problem Solving in Science	ENGR 230 Digital Design	
Year 2	PHIL 115 Philosophy of the Human Person	ENGR 240 Circuit Analysis	PHIL 214 Intro to Ethics
	MATH 200 Multi-Variable Calculus	MATH 210 Linear Algebra & Differential Equations	
	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***	Fine Arts Elective**
	ENGR 340 Signals & Systems***	ENGR 410 Control Systems & Automation	
	ENGR 345 Electronics I***	ENGR 346 Electronics II***	
	<i>Foreign Language*</i>	<i>Foreign Language *</i>	
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