

## B.S. in Electrical Engineering Plan of Study (2009)

	Fall	Spring	Summer/ J-Term
<b>Year 1</b>	<b>ENGR 150</b> Intro to Engineering I		<b>HIST 1XX</b>
	<b>MATH 113</b> Calculus I	<b>MATH 114</b> Calculus II	Social Sciences Elective**
	<b>THEO 101</b> Christian Theological Tradition	<b>PHYS 111</b> Intro to Classical Physics I	
	<b>ENGL 111</b> Critical Reading & Writing I (or ENGL 190)	<b>ENGL 112</b> Critical Reading & Writing II	
	<b>CISC 130</b> Intro to Programming & Problem Solving in Science	<b>ENGR 230</b> Digital Design	
<b>Year 2</b>	<b>PHIL 115</b> Philosophy of the Human Person	<b>ENGR 240</b> Circuit Analysis	<b>PHIL 214</b> Intro to Ethics
	<b>MATH 200</b> Multi-Variable Calculus	<b>MATH 210</b> Linear Algebra & Differential Equations	
	<b>PHYS 112</b> Intro to Classical Physics II	<b>PHYS 225</b> Modern Physics	
	<b>THEO 2XX</b>	<i>Foreign Language*</i>	
<b>Year 3</b>	<b>ENGR 330</b> Microprocessors I	<b>ENGR 331</b> Microprocessors II	
	<b>ENGR 340</b> Signals & Systems	<b>ENGR 410</b> Control Systems & Automation	
	<b>ENGR 345</b> Electronics I	<b>ENGR 346</b> Electronics II	
	Foreign Language*	Foreign Language *	
<b>Year 4</b>	<b>PHYS 341</b> Electricity & Magnetism	<b>ENGR 342</b> Electromagnetic Fields & Waves	
	<b>ENGR 480</b> Eng. Design Clinic I	<b>ENGR 481</b> Eng. Design Clinic II	
	<b>ENGR 431</b> Design of Embedded Systems	<b>ENGR XXX</b> Elective	
	<b>ENGR XXX</b> Elective	Fine Arts Elective**	
		<b>THEO 3XX **</b>	

\* May place out of one or more semesters if proficient at 3<sup>rd</sup> Level

\*\* May Satisfy Human Diversity requirement