

## Plan of Study for Bachelor of Science in Electrical Engineering and Bachelor of Arts in General Business Management

	Fall	Spring	Summer/J-Term
<b>Year 1</b>	<b>ENGR 150 <i>Intro to Engineering I</i></b>		<b><i>History Requirement (111,112,113,114)</i></b>
	<b>MATH 113 <i>Calculus I</i></b>	<b>MATH 114 <i>Calculus II</i></b>	<b><i>THEO 101 Christian Theological Tradition</i></b>
	<b>PHYS 211 <i>Intro to Classical Physics I</i></b>	<b>PHYS 212 <i>Introduction to Classical Physics II</i></b>	
	<b>ENGL 121 <i>Critical Thinking: Literature and Writing</i></b>	<b>ENGL 20X</b>	
	<b>PHIL 115 <i>Philosophy of the Human Person</i></b>	<b>CISC130 <i>Intro to Programming and Problem Solving in Science</i></b>	
<b>Year 2</b>	<b>ENGR 230 <i>Digital Design</i></b>	<b>ENGR 240 <i>Circuit Analysis</i></b>	
	<b>MATH 200 <i>Multi-Variable Calculus</i></b>	<b>MATH 210 <i>Linear Algebra &amp; Differential Equations</i></b>	<b>PHIL 214 <i>Intro to Ethics</i></b>
	<b>ECON 251 <i>Principles of Macro-Economics</i></b>	<b>ECON 252 <i>Principles of Micro-Economics</i></b>	<b>BUS 200 <i>Community Service (0 cr)</i></b>
	<b>MATH 303 <i>Applied Probability &amp; Statistics/Statistics I</i></b>	<b>PHYS 225*** – <i>Modern Physics I</i></b>	
<b>Year 3</b>	<b>BETH 301 <i>Business Ethics</i></b>	<b>COMM 105 <i>Comm. In the Workplace</i></b>	<b>MGMT 305 <i>Management and Organizational Behavior</i></b>
	<b>ENGR XXX <i>Elective ****</i></b>	<b>ENGR 331*** <i>Microprocessors 2</i></b>	<b><i>Social Sciences Elective**</i></b>
	<b>ENGR 340*** <i>Signals and Systems</i></b>	<b>ENGR 410 <i>Control Systems</i></b>	
	<b>ENGR 345*** <i>Electronics 1</i></b>	<b>ENGR 346*** <i>Electronics 2</i></b>	
<b>Year 4</b>	<b>ACCT 210 <i>Introduction to Financial Accounting</i></b>	<b>OPMT 310 <i>Operations Management</i></b>	<b>ACCT 215 <i>Managerial Accounting</i></b>
	<b>MKTG 300 <i>Principles of Marketing</i></b>	<b>BLAW 301, 302 or 303 <i>Business Law</i></b>	<b><i>Fine Arts Elective**</i></b>
	<b>PHYS 341*** <i>Electricity and Magnetism</i></b>	<b>ENGR 342*** <i>Electromagnetic Fields and Waves</i></b>	
	<b><i>Foreign Language *</i></b>	<b><i>Foreign Language *</i></b>	
<b>Year 5</b>	<b>FINC 321 <i>Financial Management</i></b>	<b>MGMT 480 <i>Integrative Issues of Businesses and Organizations</i></b>	<b>THEO 4XX</b>
	<b>ENGR 480 <i>Engineering Design Clinic</i></b>	<b>ENGR 481 <i>Engineering Design Clinic II</i></b>	
	<b>ENGR XXX <i>Elective ****</i></b>	<b>ENGR XXX <i>Elective ****</i></b>	
	<b>THEO 2XX/3XX</b>	<b><i>Foreign Language *</i></b>	
	<b>ENGR XXX <i>Elective ****</i></b>		

\* May place out of one or more semesters if proficient at 3<sup>rd</sup> Level. Must still meet the 76 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