

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

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

* May place out of one or more semesters if proficient at 3rd 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