

MTH 181 Calculus I	4	X	M/QL	MTH 182 Calculus
<i>Sub-total</i>	<i>8</i>			

Fall Semester	Credits	Major	Gen Ed	Spring Semester
PHY 244 University Physics I (Writing)	5	X	WAC / NC	EEC 311 Electric Circuits II
MTH 283 Multivariate Calculus for Engineers	2	X		EEC 312 Circuits Lab
MTH 284 Matrices for Engineers	2	X		EEC 313 Electronics I
ESC 250 Differential Equations for Engineers	3	X		ESC 120 Intro to Engineering Design
EEC 310 Electric Circuits I	4	X		PHY 243 University Physics II (Writing)
ESC 100 New Student Orientation	1	X	INTRO	
<i>Semester Total</i>	<i>17</i>			<i>Semester Total</i>

Fall Semester	Credits	Major	Gen Ed	Spring Semester
EEC 314 Electronics II	3	X		EEC Tech Elective
EEC 315 Electronics Lab	2	X		EEC 384 Digital Labs
EEC 361 Electro-Mech Energy Conversion	3	X		PHL 215 Engineering Ethics
EEC 383 Digital Systems	3	X		EEC 460 Engineering Electromagnetics
ENG 102 or ESC 102 Technical Writing	3		W/C	EEC 440 Control
				EEC 441 Control Lab
<i>Semester Total</i>	<i>14</i>			<i>Semester Total</i>

Fall Semester	Credits	Major	Gen Ed	Spring Semester
EEC 450 Communications	3	X		EEC 494 Senior Design II
EEC 451 Communications Lab	2	X		EEC Tech Elective
EEC470 Power Eletronics	3	X		EEC Tech Elective
EEC470 Power Eletronics Lab	2	X		EEC Tech Elective
EEC 493 Senior Design I	2	X		General Education Elective
EEC 414 Writing in Elec & Comp Eng	2	X	WAC	

4 X M/QL

Credits	Major	Gen Ed	Summer Semester	Credits	Major	Gen Ed
4	X					

