

First Year			
Fall		Spring	
ENGR 101: Introduction to Engineering	3	ENGR 102: Electromechanical System Design	3
MATH 150: Calculus I	4	PHYS 270/270L: Mechanics +lab	4
ENGR 121: Engr Prog. or CHEM 151/L: Chem +lab	3	MATH 151: Calculus II	4
Core Curriculum	3	CHEM 151/L: Chem +lab or ENGR 121: Engr Prog.	4
Core Curriculum	3	Core Curriculum	3
Total Hours		Total Hours	
	16		18
Second Year			
Fall		Spring	
ENGR 103: User-Centered Design	3	ELEC 201: Electrical Circuits	4
PHYS 271/L: Intro to Electricity & Magnet. +lab	4	MATH 250: Calculus III	4
MATH 310: Diff. Eq. & Linear Algebra	3	ISYE 330: Engineering Probability and Statistics	3
Core Curriculum	3	MENG 210: Statics	3
Core Curriculum	3	PHYS 272/MENG 260: Intro to Modern Physics	3
Total Hours		Total Hours	
	16		17
Third Year			
Fall		Spring	
ELEC 301: Electronics I	4	ELEC 302: Electronics II	4
ELEC 340: Digital Design	4	ELEC 310: Embedded Systems Design	4
ELEC 311 - Semiconductor Elec. Dev	3	ELEC 350: Signals and Systems	3
MATH 311: Applied Math for Sci and Engr II	3	CPMM 203: Public Speaking	3
Core Curriculum	3	Core Curriculum	3
Total Hours		Total Hours	
	17		17
Fourth Year			
Fall		Spring	
ELEC 320: Principles of Electrical Power	3	ELEC 460: Control Systems Engineering	4
ELEC 430: Applied Electromagnetics	4	ELEC 492: Electrical Eng. Design & Practice II	3
ELEC 470: Communication Princ. & Circuits	4	ELEC Elective	3
ELEC 491: Electrical Eng. Design & Practice I	4	PHIL 342: Engineering Ethics	3
		Core Curriculum	3
Total Hours		Total Hours	
	15		16
Final Semester			
Fall			
Elec Elective	3	Total EE Degree Hours	
Core Curriculum	3		147
Core Curriculum	3		
Core Curriculum	3		
Core Curriculum	3		
Total Hours			
	15		