

First Year				
Fall		Spring		
ENGR 101: Introduction to Engineering	3	ENGR 102 or ENGR 103	3	
MATH 150: Calculus I	4	PHYS 270/270L: Mechanics +lab	4	
COMP 110: Computational Problem Solving	3.5	MATH 151: Calculus II	4	
Core Curriculum	3	CHEM 151/L: Chem +lab	4	
Core Curriculum	3	Core Curriculum	3	
Total Hours		16.5	Total Hours	
			18	
Second Year				
Fall		Spring		
ENGR 102 or ENGR 103	3	ELEC 201: Electrical Circuits	4	
PHYS 271/L: Intro to Electricity & Magnet. +lab	4	MATH 250: Calculus III	4	
MATH 310: Applied Math for Sci and Engr I	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		16	Total Hours	
			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	COMM 203: Public Speaking	3	
Core Curriculum	3	Core Curriculum	3	
Total Hours		17	Total Hours	
			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	
		Math/Science Elective	3	
Total Hours		15	Total Hours	
			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		