

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 or ENGR 121: Engr Prog.	4
Core Curriculum	3	Core Curriculum	3
Total Hours		Total Hours	
16.5		18	
Second Year			
Fall		Spring	
ENGR 102 or ENGR 103	3	GENG 250: Integrated Approach to Energy	3
MATH 310: Applied Math for Engineering	3	COMP 120: Programming Abstractions	3.5
PHYS 271/L: Intro to Electricity & Magnet. +lab	4	Core Curriculum	3
Core Curriculum	3	GENG 288: Integrated Approach to EE	4
Core Curriculum	3	MATH 262: Discrete Math	3
Total Hours		Total Hours	
16		16.5	
Third Year			
Fall		Spring	
GENG 311: Engineering Materials Science	3	GENG 360: Experimental Engineering	3
MENG 210: Statics	3	GENG 380: Sustainability and Engineering	3
ISYE 330: Engineering Probability and Statistics	3	COMP 310: Operating Systems	3.5
COMP 280: Intro to Computer Systems	3.5	GENG 421 - Embedded Systems Performance	3
Core Curriculum	3	Core Curriculum	3
Total Hours		Total Hours	
15.5		15.5	
Fourth Year			
Fall		Spring	
COMP 300: Principles of Digital Hardware	3.5	COMP 375: Networking	3.5
GENG 422: Advanced Embedded Software Dev	3	COMP 365: Principles of Info. Security	3
GENG: 491 Engineering Senior Design I	4	GENG 492: Engineering Senior Design II	3
Core Curriculum	3	Engineering Elective (Upper Division)	3
GENG 350: Engineering and Social Justice	3	Core Curriculum	3
Total Hours		Total Hours	
16.5		15.5	
Final Semester			
Fall			
Engineering Elective (lower or upper division)	3	Total GENG Degree Hours	
Core Curriculum	3	147	
Math/Sci elective (based on concentration)	3		
Free Elective	3-9		