

First Year			
Fall			
ENGR 101: Introduction to Engineering	3		
MATH 150: Calculus I	4		
COMP 110: Computational Problem Solving	3.5		
Core Curriculum	3		
Core Curriculum	3		
Total Semester Units		16.5	
Spring			
ENGR 102 or ENGR 103	3		
PHYS 270/270L: Mechanics & Lab	4		
MATH 151: Calculus II	4		
CHEM 151/151L: General Chemistry I & Lab	4		
Core Curriculum	3		
Total Semester Units			18
Second Year			
Fall			
ENGR 102 or ENGR 103	3		
MATH 310: Applied Math for Engineering	3		
PHYS 271/271L: Intro to Elec. and Magnet. & Lab	4		
Core Curriculum	3		
Core Curriculum	3		
Total Semester Units		16	
Spring			
GENG 250: Integrated Approach to Energy	3		
COMP 120: Programming Abstractions	3.5		
Core Curriculum	3		
GENG 288: Integrated Approach to EE	4		
MATH 262: Discrete Math	3		
Total Semester Units			16.5
Third Year			
Fall			
GENG 311: Engineering Materials Science	3		
MENG 210: Statics	3		
ISYE 330: Engineering Probability and Statistics	3		
COMP 280: Intro to Computer Systems	3.5		
Core Curriculum	3		
Total Semester Units		15.5	
Spring			
GENG 360: Experimental Engineering	3		
GENG 380: Sustainability and Engineering	3		
COMP 310: Operating Systems	3.5		
GENG 421 - Embedded Systems Performance	3		
Core Curriculum	3		
Total Semester Units			15.5
Fourth Year			
Fall			
COMP 300: Principles of Digital Hardware	3.5		
GENG 422: Advanced Embedded Software Dev	3		
GENG: 491 Engineering Senior Design I	4		
Core Curriculum	3		
GENG 350: Engineering and Social Justice	3		
Total Semester Units		16.5	
Spring			
COMP 375: Networking	3.5		
COMP 365: Principles of Info. Security	3		
GENG 492: Engineering Senior Design II	3		
Engineering Elective (Upper Division)	3		
Core Curriculum	3		
Total Semester Units			15.5
Final Semester			
Fall			
Engineering Elective (lower or upper division)	3		
Core Curriculum	3		
Math/Sci elective (based on concentration)	3		
Free Elective	3-9		
Total Semester Units		12-18	
Total GENG Degree Units			147