

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		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	GENG 288: Integrated Approach to EE	4
PHYS 271/L: Intro to Electricity & Magnet. +lab	4	MENG 210: Statics	3
Core Curriculum	3	Core Curriculum	3
Core Curriculum	3	MATH 250: Calculus III	4
Total Hours		Total Hours	
16		17	
Third Year			
Fall		Spring	
GENG 311: Engineering Materials Science	3	GENG 360: Experimental Engineering	4
Core Curriculum	3	GENG 380: Sustainability and Engineering	3
ISYE 330: Engineering Probability and Statistics	3	Concentration: Upper Div ENGR	3
Engineering Elective (lower or upper division)	3	Concentration elective	3
ENGR 465: Forensic Engineering	3	Core Curriculum	3
Total Hours		Total Hours	
15		16	
Fourth Year			
Fall		Spring	
GENG 491: Engineering Senior Design I	4	GENG 492: Engineering Senior Design II	3
Concentration: Upper Div ENGR	3	Concentration elective	3
GENG 460: Law for Engineers	3	Concentration elective	3
GENG 350: Engineering and Social Justice	3	Engineering Electie (upper division)	3
Core Curriculum	3	Core Curriculum	3
Total Hours		Total Hours	
16		15	
Final Semester			
Fall			
Core Curriculum	3	Total GENG Degree Hours	
Concentration elective	3	147	
Math/Sci Elective	3		
Free Elective	3 to 9		
Total Hours			