



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
GENG 331: Physiology for Biomedical Engineers	3	GENG 380: Sustainability and Engineering	3
ISYE 330: Engineering Probability and Statistics	3	GENG 330: Biomaterials Design	3
Engineering Elective (lower or upper division)	3	Concentration Elective I	3
Core Curriculum	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
GENG 350: Engineering and Social Justice	3	GENG 432: Medical Devices	3
GENG 430: Bioinformatics	3	Concentration Elective (upper division) II	3
GENG 431: Biomechanics	3	Engineering Elective (upper division)	3
Core Curriculum	3	Core Curriculum	3
Total Hours		Total Hours	
	16		15
Final Semester			
Fall			
Concentration Elective III	3	Total GENG Degree Hours	
Math/Sci Elective	3		147
Core Curriculum	3		
Free Elective	9		