

First Year			
Fall		Spring	
ENGR 101: Introduction to Engineering	3	ENGR 102: Electromechanical System Design	3
MATH 150: Calculus I	4	PHYS 270/270L: Mechanics +lab	4
ENGR 121: Engr Prog. or CHEM 151/L: Chem +lab	3	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		16	Total Hours 18
Second Year			
Fall		Spring	
ENGR 103: User-Centered Design	3	ELEC 201: Electrical Circuits	4
MATH 310: Applied Math for Engineering	3	GENG 221: Software Foundations	3
PHYS 271/L: Intro to Electricity & Magnet. +lab	4	MENG 210: Statics	3
Core Curriculum	3	MENG 260: Intro to Thermal Sciences	3
Core Curriculum	3	MATH 222: Discrete Math	3
Total Hours		16	Total Hours 16
Third Year			
Fall		Spring	
ENGR 311: Engineering Materials Science	3	GENG 360: Experimental Engineering	3
GENG 350: Engineering and Social Justice	3	ISYE 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	GEMG 421 - Embedded Systems Performance	3
Core Curriculum	3	Core Curriculum	3
Total Hours		15.5	Total Hours 15.5
Fourth Year			
Fall		Spring	
COMP 300: Principles of Digital Hardware	4	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	Core Curriculum	3
Concentration Elective	3	Core Curriculum	3
Total Hours		17	Total Hours 15.5
Final Semester			
Fall			
Core Curriculum	3	Total GENG Degree Hours 147	
Core Curriculum	3		
Math/Sci elective	3		
Free Elective	4		
Free Elective	3		
Total Hours		16	