

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		
PHYS 271/271L: Elec. and Magnet. & Lab	4		
MATH 310: Diff. Eq. & Linear Algebra	3		
ECON 101/102 or ISYE 220: Economics	3		
Core Curriculum	3		
Total Semester Units		16	
Spring			
ELEC 201/201L: Electrical Circuits		4	
MATH 250: Calculus III		4	
MENG 210: Statics		3	
MENG 260: Intro to Thermal Science		3	
COMM 203: Public Speaking		3	
Total Semester Units			17
Third Year			
Fall			
MENG 311: Engineering Materials Science	3		
MENG 300: Applied Thermodynamics	3		
MENG 351: Machine Shop Practices	1		
MENG 352: CAD Practices	1		
MENG 375: Dynamics	3		
ISYE 330: Engr Probability & Statistics	3		
Math/Science elective	3		
Total Semester Units		17	
Spring			
MENG 350 or ISYE 350: Manufacturing Processes		3	
MENG 360: Fluid Mechanics		3	
MENG 370/370L: Mechanics of Materials & Lab		4	
MENG Elective I		3	
ENGL 304: Advanced Writing		3	
Total Semester Units			16
Fourth Year			
Fall			
MENG 400/400L: Heat Transfer & Lab	4		
MENG 430: Design of Machine Elements	3		
MENG 491: Senior Design Project I	3		
PHIL 342: Engineering Ethics	3		
MENG Elective II	3		
Total Semester Units		16	
Spring			
MENG 492: Senior Design Project II		3	
MENG Simulation-Based Course		3	
MENG Elective III		3	
Core Curriculum		6	
Total Semester Units			15
Final Semester			
Fall			
MENG Elective IV	3		
Core Curriculum and Free Elective(s)	12.5		
Total Semester Units		15.5	
Total MENG Degree Units			147