

<b>First Year</b>			
<b>Fall</b>			
ENGR 101: Introduction to Engineering	3		
MATH 150: Calculus I	4		
COMP 110: Computational Problem Solving	3.5		
Core Curriculum	3		
Core Curriculum	3		
<b>Total Semester Units</b>	<b>16.5</b>		
<b>Spring</b>			
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		
<b>Total Semester Units</b>	<b>18</b>		
<b>Second Year</b>			
<b>Fall</b>			
ENGR 102 or ENGR 103	3		
MATH 310: Applied Math for Engineering	3		
PHYS 271/271L: Electricity and Magnet. & Lab	4		
Core Curriculum	3		
Core Curriculum	3		
<b>Total Semester Units</b>	<b>16</b>		
<b>Spring</b>			
GENG 250: Integrated Approach to Energy	3		
GENG 288: Integrated Approach to EE	4		
MENG 210: Statics	3		
Core Curriculum	3		
MATH 250: Calculus III or MATH 262: Discrete Math	3 - 4		
<b>Total Semester Units</b>	<b>16-17</b>		
<b>Third Year</b>			
<b>Fall</b>			
GENG 311: Engineering Materials Science	3		
EOSC 105/110: Nat. Disasters/Geosciences	4		
ISYE 330: Engineering Probability and Statistics	3		
Concentration-Group A	3 - 4		
Core Curriculum	3		
<b>Total Semester Units</b>	<b>16-17</b>		
<b>Spring</b>			
GENG 360: Experimental Engineering	3		
GENG 380: Sustainability and Engineering	3		
EOSC 121 or 123: Life in the Ocean	4		
Concentration-Group A/B/C	3-4		
Core Curriculum	3		
<b>Total Semester Units</b>	<b>16-17</b>		
<b>Fourth Year</b>			
<b>Fall</b>			
GENG 491: Engineering Senior Design I	4		
Concentration-Group A	3 - 4		
EOSC 300: Environmental Issues	3		
GENG 350: Engineering and Social Justice	3		
Core Curriculum	3		
<b>Total Semester Units</b>	<b>16-17</b>		
<b>Spring</b>			
GENG 492: Engineering Senior Design II	3		
Concentration-Group A	3-4		
Concentration- Group A/B/C elective	3-4		
Engineering Elective (upper division)	3		
Core Curriculum	3		
<b>Total Semester Units</b>	<b>15-18</b>		
<b>Final Semester</b>			
<b>Fall</b>			
Core Curriculum	3		
Concentration-Group B	3 - 4		
Engineering Elective (lower or upper division)	3		
Free Elective	3 - 6		
<b>Total Semester Units</b>	<b>12-18</b>		
<b>Total GENG Degree Units</b>			<b>147</b>