

College of Engineering, Forestry, and Natural Sciences  
 Mechanical Engineering Bachelor of Science in Engineering  
 2017-2018 Undergraduate Catalog

**Progression Plan-Classic**

Sample Progression Plans are for planning purposes  
 only; see the catalog for official details.

Year 1 - Fall	
MAT 136 Calculus I	4
EGR 186 Intro To Engineering Design	3
ME 180 Computer-Aided Design	3
CHM 151 General Chemistry I	4
CHM 151L General Chemistry I Lab	1

Year 1 - Spring	
MAT 137 Calculus II	4
PHY 161 University Physics I	4
CS 122 Programming For Eng & Sci	2
CS 122L Prog For Egr & Sci Lab	1
Foundation English	4

Year 2 - Fall	
MAT 238 Calculus III	4
ME 286 Engineering Design: Process	3
CENE 251 Applied Mechanics Statics	3
ME 240 Materials Science	3
PHY 262 University Physics II	3

Year 2 - Spring	
ME 252 Applied Mechanics Dynamics	3
CENE 253 Mechanics Of Materials	3
CENE 253L Mechanics Of Materials Lab	1
ME 291 Thermodynamics I	3
MAT 239 Differential Equations	3
Liberal Studies and/or Diversity	3

Year 3 - Fall	
ME 395 Fluid Mechanics I	3
ME 365 Machine Design I	3
CENE 225 Engineering Analysis	3
EE 188 Electrical Engineering I	3
EE 188L Electrical Engineering I Lab	1
Liberal Studies and/or Diversity	3

Year 3 - Spring	
EGR 386W Eng Design: The Methods	3
ME 440 or ME 465	3
ME 392 Thermodynamics II	3
MAT 362 Intro To Numerical Analysis	3
Liberal Studies and/or Diversity	3

Year 4 - Fall	
ME 476C or EGR 476C	1
ME 450 Heat Transfer	3
ME 495 Expmntl Mthds Thermal Sciences	3
Depth elective	3
Breadth elective	3
Liberal Studies and/or Diversity	3

Year 4 - Spring	
ME 486C or EGR 486C	3
Depth elective	3
Breadth elective	3
Liberal Studies and/or Diversity	3
Liberal Studies and/or Diversity	3