

Year 1 - Fall	
EGR 186 Introduction To Engineering Design	3
ME 180 or CENE 180	3
MAT 136 Calculus I	4
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, CS 126, or INF 110	2
CS 122L or CS 126L	1
Foundation English	4

Year 2 - Fall	
PHY 262 University Physics II	3
MAT 238 Calculus III	4
ME 240 Materials Science	3
CENE 251 Applied Mechanics Statics	3
ITG 121 Innovation And Design Thinking	3

Year 2 - Spring	
ART 174 New Media Foundations	3
CENE 286, EE 286, EGR 286 or ME 286	3
ME 252 Applied Mechanics Dynamics	3
CENE 253 Mechanics Of Materials	3
CENE 253L Mechanics Of Materials Lab	1
General Elective Course	3

Year 3 - Fall	
ME 365 Machine Design I	3
CENE 225 or STA 275	3
ITG 201 Ideation	3
ART 378 New Media: Art in the Age of Anthropocene	3
MDE Technical Elective	2

Year 3 - Spring	
ME 482 Advanced Cad/Cam	3
CENE 386W, EGR 333W, EGR 386W or ME 386W	3
ART 274 New Media: 2d/3d Digital Fabrication	3
ART 376 New Media: Physical Computing And Robotics	3
CST 111 Fundamentals Of Public Speaking	3

Year 4 - Fall	
EGR 476C Engineering Design I	2
ME 467 Manufacturing Processes	3
ITG 301 Writing For Innovation	3
Liberal Studies and/or Diversity	3
General Elective Course	3

Year 4 - Spring	
EGR 486C Engineering Design II	3
Liberal Studies and/or Diversity	3
General Elective Course	3
General Elective Course	3
General Elective Course	3