College of Engineering, Informatics, and Applied Sciences

Multidisciplinary Engineering Bachelor of Science

Energy Engineering - Emphasis

2022-2023 Undergraduate Catalog

Progression Plan-Classic

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

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

Year 1 - Spring	
MAT 137 Calculus II	4
PHY 161 University Physics I	4
CENE 286, EE 286, EGR 286, or ME 286	3
Foundation English	4

Year 2 - Fall	
PHY 262 University Physics II	3
MAT 238 Calculus III	4
CHM 151 General Chemistry I	4
CHM 151L General Chemistry I Lab	1
EE 188 Electrical Engineering I	3
EE 188L Electrical Engineering I Lab	1

Year 2 - Spring	
CENE 225 or STA 275	3
EE 280 Introduction To Electronics	4
MAT 239 Differential Equations	3
CHM 152 General Chemistry II	3
CHM 152L General Chemistry II Lab	1
CENE 251 Applied Mechanics Statics	3

Year 3 - Fall	
CENE 386W, EGR 333W, EGR 386W, or ME 386W	3
EE 325 Engineering Analysis II	3
ME 252 Applied Mechanics Dynamics	3
ME 291 Thermodynamics I	3
MAT 362 Introduction To Numerical Analysis	3

Year 3 - Spring	
EE 401 Power Systems	3
EE 402 Wind Power Conversion	3
ME 395 Fluid Mechanics I	3
ME 392 Thermodynamics II	3
ECO 284 Principles Of Economics: Micro	3

Year 4 - Fall	
EGR 476C Engineering Design I	2
ME 450 Heat Transfer	3
ME 451 Renewable Energy	3
Liberal Studies and/or Diversity	3
Liberal Studies and/or Diversity	3

Year 4 - Spring	
EGR 486C Engineering Design II	3
ECO 324 Environmental Economics	3
Liberal Studies and/or Diversity	3
Liberal Studies and/or Diversity	3
Liberal Studies and/or Diversity	3