College of Engineering, Informatics, and Applied Sciences

Computer Engineering Bachelor of Science

2022-2023 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
EE 110 Introduction To Digital Logic	4
CS 105 Computing Tools I	1
CS 205 Computing Tools II	1
CS 305 Computing Tools III	1
Foundation English	4

Year 1 - Spring	
MAT 137 Calculus II	4
PHY 161 University Physics I	4
EE 188 Electrical Engineering I	3
EE 188L Electrical Engineering I Lab	1
CS 122 Programming For Engineering And Science	2
Liberal Studies and/or Diversity	3

Year 2 - Fall	
MAT 238 Calculus III	4
EE 286 Electrical Engineering Design: The Process	3
PHY 262 University Physics II	3
CS 126 Computer Science I	3
CS 126L Computer Science I Lab	1

Year 2 - Spring	
EE 215 Microprocessors	4
EE 280 Introduction To Electronics	4
MAT 239 Differential Equations	3
CS 136 Computer Science II	3
CS 136L Computer Science II Lab	1

Year 3 - Fall	
EE 310 Fundamentals Of Computer Engineering	4
EE 380 Fundamentals Of Electronic Circuits	4
CS 249 Data Structures	3
MAT 226 Discrete Mathematics	3
CENE 225 or STA 275	3

Year 3 - Spring	
EE 348 Fundamentals Of Signals And Systems	4
EE 364 Fundamentals Of Electromagnetics	4
CHM 151 or BIO 181 or AST 180 or (GLG 101 and GLG 103)	3
Liberal Studies and/or Diversity	3
Liberal Studies and/or Diversity	3

Year 4 - Fall	
EE 476C Project Design Procedures	2
EGR 333W Technology And Society	3
Electrical Engineering major elective 400-500 level	3
Electrical Engineering or Computer Science major elective 300- or 400- level	3
Liberal Studies and/or Diversity	3

Year 4 - Spring	
EE 486C Capstone Design	3
Electrical Engineering major elective 400-500 level	3
Electrical Engineering or Computer Science major elective 300- or 400- level	3
Liberal Studies and/or Diversity	3
Liberal Studies and/or Diversity	3