College of Engineering, Informatics, and Applied Sciences

Multidisciplinary Engineering Bachelor of Science

User Experience 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
CS 126 Computer Science I	3
MAT 136 Calculus I	4
CS 105 Computing Tools I	1
CS 205 Computing Tools II	1
ME 180 or CENE 180	3
General Elective Course	1

Year 1 - Spring	
MAT 137 Calculus II	4
PHY 161 University Physics I	4
CS 136 Computer Science II	3
CS 136L Computer Science II Lab	1
Foundation English	4

Year 2 - Fall	
PHY 262 University Physics II	3
ITG 121 Innovation And Design Thinking	3
PSY 101 Introduction To Psychology	3
MAT 226 Discrete Mathematics	3
CS 122 or INF 110	2
CS 122L Programming For Engineering And Science Lab	1

Year 2 - Spring	
CENE 286, EE 286, EGR 286 or ME 286	3
CS 249 Data Structures	3
ITG 201 Ideation	3
CS 200 Introduction To Computer Organization	3
Liberal Studies and/or Diversity	3

Year 3 - Fall	
CENE 225 or STA 275	3
PSY 250 or PSY 255	3
CS 386 Software Engineering	3
MKT 303 Concepts In Marketing	3
General Elective Course	3

Year 3 - Spring	
CENE 386W, EGR 333W, EGR 386W or ME 386W	3
PSY 260 Cognitive Psychology	3
MDE Technical Elective 1 of 3	3
Liberal Studies and/or Diversity	3
General Elective Course	3

Year 4 - Fall	
EGR 476C Engineering Design I	2
CS 477 Advanced User Interfaces	3
PSY 290 Research Methods In Psychology	3
MDE Technical Elective 2 of 3	3
MDE Technical Elective 3 of 3	2

Year 4 - Spring	
EGR 486C Engineering Design II	3
PSY 353 Psychology Of Decision Making	3
Liberal Studies and/or Diversity	3
General Elective Course	3
General Elective Course	3