

College of Engineering, Informatics, and Applied Sciences

Multidisciplinary Engineering Bachelor of Science

User Experience Engineering - Emphasis

2020-2021 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 |
| ME 180 or CENE 180 | 3 |
| CS 105 Computing Tools I | 1 |
| MAT 136 Calculus I | 4 |

| 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 205 Computing Tools II | 1 |
| CS 122 or INF 110 | 2 |
| CS 122L Programming For Engineering And Science Lab | 1 |

| Year 3 - Fall | |
|--|---|
| CENE 225 or STA 275 | 3 |
| PSY 230 Introduction To Statistics In Psychology | 4 |
| CS 386 Software Engineering | 3 |
| MKT 303 Concepts In Marketing | 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 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 |
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| Year 3 - Spring | |
|---|---|
| CENE 386W, EGR 333W, EGR 386W or ME 386W | 3 |
| PSY 255 Introduction To Cognitive & Behavioral Neuroscience | 3 |
| MDE Technical Elective 1 of 3 | 3 |
| Liberal Studies and/or Diversity | 3 |
| General Elective Course | 3 |

| Year 4 - Spring | |
|----------------------------------|---|
| EGR 486C Engineering Design II | 3 |
| PSY 355 Sensation And Perception | 3 |
| Liberal Studies and/or Diversity | 3 |
| General Elective Course | 3 |
| General Elective Course | 3 |