

College of Engineering, Forestry, and Natural Sciences  
 Electrical Engineering Bachelor of Science in Engineering  
 Electrical Engineering - Emphasis  
 2017-2018 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 |
| EGR 186 Introduction To Engineering Design          | 3 |
| CS 122 Programming For Engineering And Science      | 2 |
| CS 122L Programming For Engineering And Science Lab | 1 |

| 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 |
| Foundation English                   | 4 |

| Year 2 - Fall                                     |   |
|---|---|
| MAT 238 Calculus III                              | 4 |
| CENE 225 or STA 275                               | 3 |
| EE 222 Intermediate Programming                   | 3 |
| EE 286 Electrical Engineering Design: The Process | 3 |
| PHY 262 University Physics II                     | 3 |

| Year 2 - Spring                    |   |
|------------------------------------|---|
| EE 215 Microprocessors             | 4 |
| EE 280 Introduction To Electronics | 4 |
| MAT 239 Differential Equations     | 3 |
| PHY 263 University Physics III     | 3 |
| Liberal Studies and/or Diversity   | 3 |

| Year 3 - Fall  |   |
|--|---|
| EE 325 Engineering Analysis II                         | 3 |
| EE 364 Fundamentals Of Electromagnetics                | 4 |
| EE 380 Fundamentals Of Electronic Circuits             | 4 |
| CHM 151 or BIO 181 or AST 280 or (GLG 101 and GLG 103) | 4 |

| Year 3 - Spring                             |   |
|---|---|
| EE 310 Fundamentals Of Computer Engineering | 4 |
| EE 348 Fundamentals Of Signals And Systems  | 4 |
| EE 386W or EGR 386W                         | 3 |
| Electrical Engineering major elective       | 3 |
| Liberal Studies and/or Diversity            | 3 |

| Year 4 - Fall                         |   |
|---------------------------------------|---|
| EE 476C or EGR 476C                   | 2 |
| Electrical Engineering major elective | 3 |
| Electrical Engineering major elective | 3 |
| Electrical Engineering major elective | 3 |
| Liberal Studies and/or Diversity      | 3 |
| Liberal Studies and/or Diversity      | 3 |

| Year 4 - Spring                       |   |
|---------------------------------------|---|
| EE 486C or EGR 486C                   | 3 |
| Electrical Engineering major elective | 3 |
| Electrical Engineering major elective | 3 |
| Liberal Studies and/or Diversity      | 3 |
| Liberal Studies and/or Diversity      | 3 |