<table>
<thead>
<tr>
<th>1 Fall</th>
<th>1 Spring</th>
<th>2 Fall</th>
<th>2 Spring</th>
<th>3 Fall</th>
<th>3 Spring</th>
<th>4 Fall</th>
<th>4 Spring</th>
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</thead>
<tbody>
<tr>
<td>* Math 165 Calculus I C- or higher in Math 143 or placement on ALEKS</td>
<td>* Math 166 Calculus II C- or higher in Math 165</td>
<td>Math or Stat Elective (4) Math 265 (4) C- in Math 166 Math 207 (3) 2 sem Calc Stat 587 (4) Stat course</td>
<td>Math 267 Elem Differential Equations w/ Laplace C- or higher in Math 166</td>
<td>Engineering Statistics Stat 231 (4) Math 265 Stat 305 (3) Math 165</td>
<td>EE 303</td>
<td>EE 456^4 Power System Analysis I Fall Only EE 303</td>
<td>EE 457 Power System Analysis II Spring Only</td>
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<tr>
<td>* Engl 150^1 Critical Thinking &amp; Communication</td>
<td>* Engl 250^1 WOVE Communication Engl 150 or exemption Lib 160</td>
<td>Econ 101 or Econ 102</td>
<td>IE 305 Engineering Economic Analysis Math 166</td>
<td>EE 201 Electric Circuits Math 267, Phys 231</td>
<td>SSH Elective^2 Engineering Topics Elective^1</td>
<td>US Diversity Elective</td>
<td>International Perspectives Elective</td>
</tr>
<tr>
<td>* Engr 101 (R) Engineering Orientation * Lib 160 Information Literacy</td>
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### Transfer Grade Requirements:
The University requires a grade of C or better for any transfer credit course that is applied to the degree program.

* Denotes Basic Program Course

2) SSH Elective

<table>
<thead>
<tr>
<th>Anthr 210x (3)*</th>
<th>Anthr 220 (3)*</th>
<th>Anthr 230 (3)*</th>
<th>Hist 280 (3)*</th>
<th>Hist 284 (3)*</th>
<th>Hist 378 (3)*</th>
<th>Anthr 210x (3)*</th>
<th>Anthr 220 (3)*</th>
<th>Anthr 230 (3)*</th>
<th>Hist 280 (3)*</th>
<th>Hist 284 (3)*</th>
<th>Hist 378 (3)*</th>
</tr>
</thead>
<tbody>
<tr>
<td>Inst 235 (3)*</td>
<td>Phil 334 (3)</td>
<td>Phil 343 (3)</td>
<td>Psych 280 (3)</td>
<td>Psych 101 (3)</td>
<td>Psych 230 (3)</td>
<td>Phil 230 (3)</td>
<td>Phil 235 (3)</td>
<td>Phil 251 (3)</td>
<td>PoS 241 (3)</td>
<td>PoS 594 (3)</td>
<td>PoS 594 (3)</td>
</tr>
</tbody>
</table>

* These courses may appear on multiple elective lists but may only be applied for ONE elective.

### Sample

**Electrical Option**

**127 Credits**

**SAMPLE**

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<th>1 Fall</th>
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<th>3 Fall</th>
<th>3 Spring</th>
<th>4 Fall</th>
<th>4 Spring</th>
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</table>

### 1) ENGL Courses require a minimum grade of C

3 credits required for Electrical Emphasis

- ConE 354 (3)
- ConE 490 (1-3)
- Any EE 300- or 400-level course
- Any CE 500-level course (except CE 594A)
  - CE 501 (3)
  - CE 502 (3)
  - CE 503 (3)
  - CE 505 (3)
  - CE 594L (3)(SS only)

### 3) Engineering Topics Electives

- CE 241 (3)
- CE 274 (3)
- EM 324 (3)
- ABE 378 (3)
- ConE 422 (3)
- ConE 441 (3)
- ConE 487 (3)
- ConE 488 (3)

### 4) Core Courses

Core classes require a MINIMUM cumulative 2.00 GPA

**Prerequisites in Red**

**Co-requisites in Blue**

*Revised 7/17/23*