### 2015-2016 Academic Year Catalog

**Undergraduate Advising Checklist:**

**B.S. in Electrical and Electronic Engineering**  
130 credits

#### GENERAL EDUCATION REQUIREMENTS  
(34 credit hours)

**Languages (12)**
- ENG 102 (3) ___
- ENG 103 (3) ___
- ENG 111 (3) ___
- ENG 115 (3) ___

**Humanities (9)**
- PHI 104 (3) ___
- HIS 101 (3) ___
- HIS 102 (3) ___

**Social Sciences (9)**
- POL 101/___/POL 104 (3) ___
- ECO 101/___/ECO 104 (3) ___
- SOC 101/___/ANT 101/___/ENV 203/___/GEO 205 (3) ___

**Computer and Math Skills (-)**
- MAT 116 (0) ___
- MAT 125 (3)* ___
- MAT 361 (3)* ___
- CSE 115 (4)* ___

* in School of Engineering and Physical Sciences core

**Sciences (with Lab) (4)**
- BIO 103 (4) ___
- CHE 101 (4)* ___
- PHY 107 (4)* ___

* in School of Engineering and Physical Sciences core

#### MAJOR CORE REQUIREMENTS (42 credit hours)
- EEE 111 (4) ___
- EEE 141 (4) ___
- EEE 211 (3) ___
- EEE 221 (3) ___
- EEE 241 (4) ___
- EEE 311 (4) ___
- EEE 312 (3) ___
- EEE 321 (3) ___
- EEE 342 (4) ___
- EEE 361 (3) ___
- EEE 362 (3) ___
- EEE 363 (4) ___

**Major Capstone Design (4 credit hours)**
- EEE 299 (1) ___
- EEE 499A (1.5) ___
- EEE 499B (1.5) ___

#### MAJOR SPECIALIZED ELECTIVES (9 credit hours)

**OPEN ELECTIVES (3 credit hours)**

**INTERNSHIP/CO-OP/DIRECTED RESEARCH (Non-credits)**

**SCHOOL OF ENGINEERING AND PHYSICAL SCIENCES**  
CORE COURSES (38 credit hours)

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
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<tbody>
<tr>
<td>MAT 116</td>
<td>0</td>
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<tr>
<td>MAT 120</td>
<td>3</td>
</tr>
<tr>
<td>MAT 125 **</td>
<td>3</td>
</tr>
<tr>
<td>MAT 130</td>
<td>3</td>
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<tr>
<td>MAT 250</td>
<td>3</td>
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<tr>
<td>MAT 350</td>
<td>3</td>
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<tr>
<td>MAT 361 **</td>
<td>3</td>
</tr>
<tr>
<td>PHY 107 **</td>
<td>4</td>
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<tr>
<td>PHY 108</td>
<td>4</td>
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<tr>
<td>CHE 101 **</td>
<td>4</td>
</tr>
<tr>
<td>EEE 452</td>
<td>3</td>
</tr>
<tr>
<td>CEE 110</td>
<td>1</td>
</tr>
<tr>
<td>CSE 115 **</td>
<td>4</td>
</tr>
</tbody>
</table>

**Counts toward general education**

**Credits for General Education** 34  
**Credits for School Core** 38  
**Major Core Requirements** 42  
**Major Capstone Design** 4  
**Major Specialized Electives** 9  
**Open Electives** 3  
**Intern/Co-op/Directed Research** 0

**Total Credit Hours** 130