**General Education (24 HRS)**

**PRE-ADMISSION CONDITION**
- Met □

**One GE must be a US Social Diversity Course.** □

**One GE must be an ETHICS course.** SS □ or AH □

**English & Comm Skills (6 hr)**
- English 1110.xx 3
- 2367 2nd writing 3

**Social Sciences (6 hrs)**
- Only one course per Social Science group may count
- Grp 3

**Literature**
- Grp 3

**Visual & Performing Arts**
- 3

**Historical Study**
- 3

**2nd Hst. Stdy. or Culture & Ideas**
- 3

**DIRECTED ELECTIVES**

**OTHER ECE TECHNICAL ELECTIVES**

**Total Directed Electives**

**Total Other ECE Electives**

**Total ECE Domain Electives**

**TOTAL ECE Tech Electives**

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**CORE (73 HRS)**

**AU**

<table>
<thead>
<tr>
<th>Core Course</th>
<th>Hours</th>
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<tbody>
<tr>
<td>Engr (Fund. Of Engr I)</td>
<td>1181</td>
</tr>
<tr>
<td>Math (Engr. Calculus I)</td>
<td>1151</td>
</tr>
<tr>
<td>Chemistry for Engineers</td>
<td>1250</td>
</tr>
<tr>
<td>Engr (Survey)</td>
<td>1100</td>
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**SP**

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<thead>
<tr>
<th>Core Course</th>
<th>Hours</th>
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<tbody>
<tr>
<td>Engr (Fund. Of Engr I)</td>
<td>1182</td>
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<tr>
<td>Math (Engr. Calculus I)</td>
<td>1172</td>
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<tr>
<td>Physics I</td>
<td>1250</td>
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<tr>
<td>CSE (Programming C/C++)</td>
<td>1222</td>
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</tbody>
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**ELECTIVES (31 HRS)**

- At least 16 hours of the Electives must be ECE Technical Electives.
- Must take a concentration of 6 hours in one of the domains below.
- Must take at least 3 hours in each of two other domains below.
- Must include at least one 5000 level ECE Technical Elective.
- At least two ECE Technical Elective courses must be labs.

- Up to 15 hours of the Electives may be Directed Electives from the ECE approved list. Directed Electives generally include: courses required for entry into other engineering majors; required and technical elective courses in other engineering majors; pre-med courses; business or entrepreneurship courses; math, statistics, physics and chemistry courses at higher level than required in the ECE core; and other physical science or biological science courses. For physical science or biological science courses a maximum of 7 hours numbered below 2000 may be counted as Directed Electives.