### Freshmen Year

<table>
<thead>
<tr>
<th>Class</th>
<th>Title</th>
<th>F/S/Su</th>
<th>GR</th>
<th>SG/IGR</th>
<th>Prerequisites/Comments</th>
</tr>
</thead>
<tbody>
<tr>
<td>CSc 150</td>
<td>Computer Science I</td>
<td>3</td>
<td></td>
<td></td>
<td>Math 102</td>
</tr>
<tr>
<td>Engl 101</td>
<td>Composition I</td>
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<tr>
<td>GE 101</td>
<td>Intro. to Engineering</td>
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<tr>
<td>Math 123</td>
<td>Calculus I</td>
<td>4</td>
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<td>COMPASS Placement, or Math 115</td>
</tr>
<tr>
<td>Course #</td>
<td>SGR #3 Course</td>
<td>3</td>
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</tr>
<tr>
<td>Course #</td>
<td>SGR #3 Course</td>
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#### 1st semester

- **Total Credits:** 17
- **Expected to Finish:** S15

### Sophomore Year

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<th>SG/IGR</th>
<th>Prerequisites/Comments</th>
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<tbody>
<tr>
<td>CSc 300</td>
<td>Data Structures</td>
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<tr>
<td>CSc 314</td>
<td>Assembly Language</td>
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<tr>
<td>EE 245</td>
<td>Digital Systems</td>
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<td>EE 245L</td>
<td>Digital Systems Lab</td>
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<tr>
<td>Math 215</td>
<td>Matrix Algebra</td>
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<tr>
<td>Natural Science Seq</td>
<td>Chem 112, Phy 111 or Bio 151 w/Lab</td>
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#### 3rd semester

- **Total Credits:** 16
- **Expected to Finish:** S15

### Junior Year

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<th>SG/IGR</th>
<th>Prerequisites/Comments</th>
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</thead>
<tbody>
<tr>
<td>CSc 317</td>
<td>Computer Org and Arch</td>
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<tr>
<td>Math 316</td>
<td>Discrete Math</td>
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<td>Math 253</td>
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<tr>
<td>Natural Science Seq</td>
<td>Chem 114, Phy 113 or Bio 153 w/Lab</td>
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<tr>
<td>Course #</td>
<td>SGR #4 Course</td>
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</tr>
<tr>
<td>Course #</td>
<td>SGR #4 Course</td>
<td>3</td>
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#### 5th semester

- **Total Credits:** 16
- **Expected to Finish:** S15

### Senior Year

<table>
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<tr>
<th>Class</th>
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<th>SG/IGR</th>
<th>Prerequisites/Comments</th>
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</thead>
<tbody>
<tr>
<td>CSc 446</td>
<td>Compiler Construction</td>
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<td>CSc 485</td>
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<tr>
<td>Math 374</td>
<td>Scientific Computation I</td>
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</tr>
<tr>
<td>Course #</td>
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#### 7th semester

- **Total Credits:** 17
- **Expected to Finish:** S15

### Notes:

- **SGR #3/#4 = System General Education Requirements (Social Sciences, Humanities/Fine Arts)**
- **IGR #1/#2/#3 = Institutional Graduation Requirements (Land and Natural Resources/Personal Wellness/Social Responsibility)**