<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>
</tr>
</thead>
<tbody>
<tr>
<td>*CE 160 (3) Eng Prob w/Comp Lab</td>
<td>*Math 166 Calculus II (4)</td>
<td>CE 111 (3) Fund of Surveying I</td>
<td>ConE 251 (1) IE 305 Engineering Economic Analysis</td>
<td>IE 305 (3) Engineering Economic Analysis</td>
<td>Engr Topics Elective (3)</td>
<td>Engr Topics Elective (3)</td>
<td>Engr Topics Elective (3)</td>
</tr>
<tr>
<td>*Engl 150 (3) Critical Thinking &amp; Communication</td>
<td>ConE 122 (1) Learning Community</td>
<td>Math or Stat Elective (3)</td>
<td>SSH Elective (3)</td>
<td>SSH Elective (3)</td>
<td>SSH Elective (3)</td>
<td>SSH Elective (3)</td>
<td>SSH Elective (3)</td>
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<tr>
<td>ConE 121 (1) Learning Community</td>
<td>*Lib 160 (1) Libr Instr</td>
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<td>(15)</td>
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<td>(16/17)</td>
<td>(15)</td>
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</table>

**Transfer Grade Requirements:**
The department requires a grade of C or better for any transfer credit course that is applied to the degree program.

1) Minimum grade ENGL courses: C in each

*Denotes Basic Program Course

2) To allow greater flexibility for changing between emphases, students are encouraged to take Math 267.

3) Math or Statistics Elective
Math 265 (4) Math 207 (3) Stat 401 (4)

4) Engr Topics Electives
6 Credits Required For Heavy Emphasis
Student must complete at least 3 credits from List A

<table>
<thead>
<tr>
<th>List A</th>
<th>List B</th>
</tr>
</thead>
<tbody>
<tr>
<td>ConE 381A (1) (F only)</td>
<td>CE 501 (3)</td>
</tr>
<tr>
<td>ConE 481A (1) (F only)</td>
<td>CE 502 (3)</td>
</tr>
<tr>
<td>CE 505 (3)</td>
<td>CE 503 (3)</td>
</tr>
<tr>
<td>CE 594O (1-3)</td>
<td>CE 355 (3)</td>
</tr>
<tr>
<td>CE 372 (3)</td>
<td>CE 417 (3) (S only)</td>
</tr>
<tr>
<td>CE 460 (3)</td>
<td>Any CE 500-level course (except CE 594A or F).</td>
</tr>
</tbody>
</table>

5) Heavy Emphasis Core Courses
Building Core Classes Require a MINIMUM Cumulative GPA of 2.00 GPA

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
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</thead>
<tbody>
<tr>
<td>EM 274</td>
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<tr>
<td>EM 324</td>
<td>(3)</td>
</tr>
<tr>
<td>ConE 322</td>
<td>(3)</td>
</tr>
<tr>
<td>EM 378</td>
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</tr>
<tr>
<td>CE 360</td>
<td>(3)</td>
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<tr>
<td>ConE 422</td>
<td>(3)</td>
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<tr>
<td>ConE 441</td>
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<tr>
<td>CE 332</td>
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<tr>
<td>ConE 340</td>
<td>(3)</td>
</tr>
</tbody>
</table>

Total credits required, undergraduate program: Heavy Emphasis 125 Credits

Revised 2/2018