**B.S. in CIVIL ENGINEERING**

Suggested 4-Year Academic Flowchart

### FRESHMAN

| Semester | Science | Engineering | Mathematics | General Ed. | Technical Writing | Total
<table>
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<tbody>
<tr>
<td>Fall</td>
<td>ENGL 101</td>
<td>ME 111 (1)</td>
<td>MATH 119 (3)</td>
<td>GE [A1]</td>
<td>ENGL 149 (3)</td>
<td>17</td>
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<tr>
<td>Winter</td>
<td>ENGL 102</td>
<td>MATH 120 (4)</td>
<td>MATH 141 (4)</td>
<td>GE [B1]</td>
<td>ENGL 149 (3)</td>
<td>18</td>
</tr>
<tr>
<td>Fall</td>
<td>ENGL 103</td>
<td>MATH 121 (4)</td>
<td>MATH 142 (4)</td>
<td>GE [B1]</td>
<td>ENGL 149 (3)</td>
<td>18</td>
</tr>
<tr>
<td>Spring</td>
<td>ENGL 104</td>
<td>MATH 122 (4)</td>
<td>MATH 143 (4)</td>
<td>GE [B1]</td>
<td>ENGL 149 (3)</td>
<td>18</td>
</tr>
</tbody>
</table>

**Notes:**
- MOST GENERAL EDUCATION COURSES CAN BE TAKEN IN ANY ORDER AS LONG AS PREREQUISITES ARE MET
- One course from each of the following GE areas must be completed: A1, A2, C1, C2, C3, C4, D1, D2, D3, D4, C4 can be taken only after junior standing is reached (90 units).
- Refer to online catalog for GE course selection, United States Cultural Pluralism (USCP) and Graduation Writing Requirement (GWR).
- USCP requirement can be satisfied by some (but not all) courses within GE categories: C3, C4, D1, D3, or D4.
- Refer to current catalog for course selection and guidelines for technical electives.
- Course can be taken previously or concurrently.
- Required in Support; also satisfies GE
- 2-4 units Approved Engineering Science Elective. See catalog. No double-counting of coursework with other requirements. Consultation with advisor recommended.
- 1 Required in Support; also satisfies GE
- 3 Alternatives to CE 466/467 include, but are not limited to, Community Engineering Senior Project I and II (CE 468, 469). Students interested in alternatives to CE 466/467 should contact the CEENVE Department Office.
- 4 24 units Technical Electives. See catalog for course options and additional guidelines.

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