<table>
<thead>
<tr>
<th>FRESHMAN</th>
<th>SOPHOMORE</th>
<th>JUNIOR</th>
<th>SENIOR</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Fall (17 hrs)</strong></td>
<td><strong>Spring (16 hrs)</strong></td>
<td><strong>Fall (17 hrs)</strong></td>
<td><strong>Spring (15 hrs)</strong></td>
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<tr>
<td>CVEEN 1000 Intro to Civil &amp; Environmental Engineering</td>
<td>CVEEN 2000 Seminar</td>
<td>CVEEN 2140 Structural Loads &amp; Analysis (QI)</td>
<td>CVEEN 4900 Civil Design Capstone</td>
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<tr>
<td>MATH 1210 Calculus I (QR)</td>
<td>MATH 1220 Calculus II</td>
<td>MATH 3210</td>
<td>MATH 5060, 5621, 5625, 5627, 5629</td>
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<tr>
<td>WRTG 1010 Intermediate Writing</td>
<td>CHEM 2140 Engineering Economics</td>
<td>MATH 4900</td>
<td>CHEM 5040 Intro to Foundations</td>
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<tr>
<td>MATH 1230 Calculus III</td>
<td>MATH 2150</td>
<td>CHEM 5500</td>
<td>CHEM 5660 Sust. Materials</td>
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<tr>
<td>PHYS 2170 Physics for Sci &amp; Engineers I</td>
<td>PHYS 2180 Principles of Construction Eng.</td>
<td>CHEM 5670</td>
<td>CHEM 5671</td>
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TECHNICAL ELECTIVES (choose 3)

**Water Resources**
- CVEEN 5410 Engineering Hydrology
- CVEEN 5420 Open-Channel
- CVEEN 5605 Water & Wastewater Treatment
- CVEEN 5610 Water Chemistry

**Environmental**
- CVEEN 3505 & 3515 Intro to Foundations
- CVEEN 5500 Sustainable Materials

**Geotech & Materials**
- CVEEN 5570 Pavement Design
- CVEEN 5580 Concrete II
- CVEEN 5590 Reinforced Timber/Masonry

**Structures**
- CVEEN 4222 Steel I
- CVEEN 5210 Structural Analysis II
- CVEEN 5240 Reinforced Timber/Masonry

**Transportation**
- CVEEN 5560 Transportation Planning
- CHEM 1220, MATH 1220 & PHYS 2220

**Nuclear Engineering**
- NUCL 3000 Nuclear Principals in Engineering & Science
- NUCL 3100 Neutron Based Engineering

**Other** (Max 1)
- CVEEN 5100

\^ Courses cannot be used to satisfy two requirements

Caveat: Semester availability is subject to change at the discretion of the department and does not create a binding contractual nexus or obligation between the student and the University of Utah.