<table>
<thead>
<tr>
<th>Course</th>
<th>Code</th>
<th>Description</th>
<th>Credits</th>
<th>Terms</th>
</tr>
</thead>
<tbody>
<tr>
<td>Intro to Civil &amp; Environmental Engineering</td>
<td>CVEEN 1000</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Computer-Aided Design</td>
<td>CVEEN 1400</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Departmental Seminar</td>
<td>CVEEN 2000</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Strength of Materials</td>
<td>CVEEN 2140</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Structural Loads &amp; Analysis (Civil)</td>
<td>CVEEN 3210</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Technical Communication (Civil)</td>
<td>CVEEN 3100</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Concrete I (Design)</td>
<td>CVEEN 4221</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Cost Estimation</td>
<td>CVEEN 5710</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Project Management</td>
<td>CVEEN 5730</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Engineering Law</td>
<td>CVEEN 5750</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Environmental Economics</td>
<td>MATH 1050</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Calculus I</td>
<td>MATH 1060</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Economics</td>
<td>ECON 1010</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Microeconomics</td>
<td>ECON 2010</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Communication</td>
<td>LEAP 1500</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Project Management</td>
<td>CVEEN 3700</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Principles of Construction Eng.</td>
<td>CVEEN 3700</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Surveying</td>
<td>MG EN 2400</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Dynamics</td>
<td>ME EN 2030</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Transportation</td>
<td>CVEEN 3520</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Highway Design (Design)</td>
<td>CVEEN 5510</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>American Institutions</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Technical Elective</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>General Ed. Requirement</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Full Major Status Required</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Prerequisite Corequisite</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### First Semester
- **Fall**:
  - CVEEN 1000
  - CVEEN 1400
  - CVEEN 2000
  - CVEEN 2140
  - MATH 1050 or MATH 1060
  - General Ed.
- **Spring**:
  - MATH 1330
  - CHEM 1220
  - CHEM 1225
  - CHEM 1250
  - CHEM 1250 Lab
  - CHEM 2220
  - PHYS 2215
  - PHYS 2225
  - PHYS 2225 Lab
  - ARCH 1615
  - Required General Education Courses
  - LEAP 1501 Social & Ethical Engineering (BF)
  - LEAP 1500 Humanities for Engineers (HFDV)

### Second Semester
- **Fall**:
  - CVEEN 2140
  - MATH 1050
  - CHEM 2220
  - PHYS 2215
  - PHYS 2225
  - PHYS 2225 Lab
  - ARCH 1615
  - Required General Education Courses
- **Spring**:
  - CVEEN 3100
  - CVEEN 3210
  - CVEEN 3310
  - CVEEN 3410
  - CVEEN 3510
  - CVEEN 3520
  - CVEEN 3610
  - CVEEN 3700
  - MATH 1060
  - CHEM 2220
  - PHYS 2215
  - PHYS 2225
  - PHYS 2225 Lab
  - ARCH 1615
  - Required General Education Courses

### Third Semester
- **Fall**:
  - CVEEN 2140
  - MATH 1050
  - CHEM 2220
  - PHYS 2215
  - PHYS 2225
  - PHYS 2225 Lab
  - ARCH 1615
  - Required General Education Courses
- **Spring**:
  - CVEEN 3100
  - CVEEN 3210
  - CVEEN 3310
  - CVEEN 3410
  - CVEEN 3510
  - CVEEN 3520
  - CVEEN 3610
  - CVEEN 3700
  - MATH 1060
  - CHEM 2220
  - PHYS 2215
  - PHYS 2225
  - PHYS 2225 Lab
  - ARCH 1615
  - Required General Education Courses

### Fourth Semester
- **Fall**:
  - CVEEN 2140
  - MATH 1050
  - CHEM 2220
  - PHYS 2215
  - PHYS 2225
  - PHYS 2225 Lab
  - ARCH 1615
  - Required General Education Courses
- **Spring**:
  - CVEEN 3100
  - CVEEN 3210
  - CVEEN 3310
  - CVEEN 3410
  - CVEEN 3510
  - CVEEN 3520
  - CVEEN 3610
  - CVEEN 3700
  - MATH 1060
  - CHEM 2220
  - PHYS 2215
  - PHYS 2225
  - PHYS 2225 Lab
  - ARCH 1615
  - Required General Education Courses

### Credits
- **Total Required Credit Hours**: 141.5

### Notes
- Have you completed 3 of the 4 listed courses? Is your ENPA 2250? If not, apply for full major status.
- See catalog for individual prerequisites.
TECHNICAL ELECTIVES (choose 3)

Water Resources

- CVEEN 5410: Engineering Hydrology
- CVEEN 5420: Open-Channel
- CVEEN 5605: Water & Wastewater Treatment
- CVEEN 5610: Water Chemistry
- CVEEN 5305: Intro to Foundations
- CVEEN 5570: Pavement Design

Environmental

- CHEM 1220, MATH 1220 & PHYS 2220
- CVEEN 5500: Sustainable Materials
- CVEEN 5570: Pavement Design

Geotech & Materials

- CVEEN 3510, 3515, 3520
- CVEEN 5540: Reinforced Timber/Masonry
- CVEEN 5605: Water & Wastewater Treatment
- CVEEN 5610: Water Chemistry
- CVEEN 5305: Intro to Foundations
- CVEEN 5570: Pavement Design

Structures

- CVEEN 3500: Structural Analysis II
- CVEEN 4222: Steel I
- CVEEN 4222: Steel II
- CVEEN 5200: Concrete II
- CVEEN 5210: Concrete II

Transportation

- CVEEN 3520: Transportation Planning
- CVEEN 5560: Transportation Planning
- CHEM 1220, MATH 1220 & PHYS 2220
- NUCI 3000: Neutron Based Engineering
- NUCI 3000: Neutron Based Engineering
- CVEEN 5240: Reinforced Timber/Masonry

Nuclear Engineering

- CHEM 1220, MATH 1220 & PHYS 2220
- NUCI 3000: Neutron Based Engineering
- NUCI 3000: Neutron Based Engineering
- NUCI 3000: Neutron Based Engineering
- NUCI 3000: Neutron Based Engineering

Other (Max 1)

- CVEEN 5305: Intro to Foundations
- CVEEN 5570: Pavement Design
- CVEEN 5500: Sustainable Materials
- CVEEN 5540: Reinforced Timber/Masonry
- CVEEN 5605: Water & Wastewater Treatment
- CVEEN 5610: Water Chemistry

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.