Civil Engineering Catalog 2022

**Fall**

<table>
<thead>
<tr>
<th>Hours</th>
<th>Prereq</th>
<th>Courses</th>
</tr>
</thead>
<tbody>
<tr>
<td>16</td>
<td>Math 132 or 133 or 134 or 138 (4-8)</td>
<td>Vol Core: CE 300 (3) FA, SP, SU</td>
</tr>
</tbody>
</table>

**Spring**

<table>
<thead>
<tr>
<th>Hours</th>
<th>Prereq</th>
<th>Courses</th>
</tr>
</thead>
<tbody>
<tr>
<td>15</td>
<td>Math 132 or 133 or 134 or 138 (4-8)</td>
<td>CE 305 (2) FA, SP, SU</td>
</tr>
</tbody>
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*Science Elective- Students select from Biology 101, 102, 150 or 158, 160 or 168; Geography 131; Geology 101, 103, 107; Environ, Engineering 513; Environ. Soil Science 462.

**Technical Electives**

All areas: ACCT. 200/207, EF 333, PHYS 231, PHYS 232, MATH 251, ME 231, ME 331, ECE 201, COSC 102, CHEM 210, CHEM 260/268

Construction: CE 581, CE 582, CE 583, CE 584

Environmental: CE 487, CE 485, CHEM 210, CHEM 260/268, CHEM 330, ENVE 511, ENVE 513, GEOL 401

Geotechnical: CE 531, CE 535, GEOE 310, GEOE 330, GEOE 340, GEOE 370, and GEOL 471

Materials: CE 521, CE 522, CE 525

Structures: CE 462, CE 472, CE 474, CE 576

Transportation: CE 551, CE 552, CE 553, GEOL 401

Water Resources: CE 485, CE 485, ENVE 515, ENVE 516, ENVE 526, ENVE 533, GEOE 401

Please be advised that this list is not exhaustive and additional courses may be considered and approved as technical electives by departmental petition. For example, students may take any Civil or ENV/500 level course and additional Civil concentration electives beyond the two (2) required as technical electives. Most upper level engineering, math, and science classes are also permissible. Please contact the Civil Engineering Advisor if you would like to request approval for a course.

Civil Graduation Requirements

Students are required to maintain a cumulative grade point of at least 2.0 in all civil engineering and environmental engineering courses taken at the University of Tennessee, Knoxville, used to satisfy the graduation requirements. No more than four credit hours of civil and environmental engineering courses in which a C- or lower is the highest grade earned may be counted toward graduation. Students must earn a grade of C or better in all courses within their two selected concentrations. Students are strongly recommended to meet with their faculty advisor every semester.

Students also have opportunities for an Honors Concentration and/or a five year BS/MS program. See the Undergraduate Catalog for details and requirements.

*Volunteer Core courses highlighted in light orange.*