## Requirements for the Bachelor of Science in Civil Engineering/Master of Science

(Accredited by the Accreditation Board for Engineering and Technology)

**Colleges of Engineering**

**The University of Oklahoma**

### General Requirements

<table>
<thead>
<tr>
<th>Total Credit Hours</th>
<th>Minimum Retention/Graduation Grade Point Averages:</th>
</tr>
</thead>
<tbody>
<tr>
<td>Overall - Combined and OU</td>
<td>3.00</td>
</tr>
<tr>
<td>Major - Combined and OU</td>
<td>3.00</td>
</tr>
<tr>
<td>Curriculum - Combined and OU</td>
<td>3.00</td>
</tr>
</tbody>
</table>

A minimum grade of C is required for each course in the curriculum.

### Minimum Course Hours

- **Freshman:** 150-156
- **Sophomore:** 150-156
- **Junior:** 150-156
- **Senior:** 150-156

### Course Distribution

#### Freshman Year

<table>
<thead>
<tr>
<th>Term</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>First Semester</td>
<td>16</td>
</tr>
<tr>
<td>Second Semester</td>
<td>15</td>
</tr>
</tbody>
</table>

#### Sophomore Year

<table>
<thead>
<tr>
<th>Term</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>First Semester</td>
<td>16</td>
</tr>
<tr>
<td>Second Semester</td>
<td>15</td>
</tr>
</tbody>
</table>

#### Junior Year

<table>
<thead>
<tr>
<th>Term</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>First Semester</td>
<td>17</td>
</tr>
<tr>
<td>Second Semester</td>
<td>16</td>
</tr>
</tbody>
</table>

#### Senior Year

<table>
<thead>
<tr>
<th>Term</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>First Semester</td>
<td>16</td>
</tr>
<tr>
<td>Second Semester</td>
<td>15</td>
</tr>
</tbody>
</table>

### Transfer Credits

- Transfer students may take ENGR 3410 in place of ENGR 1410 and ENGR 1420.

### Course Distribution Details

- **Freshman:**
  - ENGL 1113, Prin. of English Composition (Core I)
  - CHEM 1315, General Chemistry (Core II)
  - HIST 1483, U.S., 1492-1865 (or equivalent)
  - MATH 1823, Calculus & Analytic Geometry I (Core I)
  - CEES 1112, Intro to Civil Engr. & Envir. Science
  - ENGR 1410, Freshman Engineering Orientation I

- **Sophomore:**
  - MATH 2433, Calculus & Analytic Geometry II
  - PHYS 2524, General Physics for Engineering & Science
  - CEES 1000, CEES Seminar
  - CEES 1213, Computing Applications in CEES
  - CEES 2113, Statics & Dynamics
  - CEES 2313, Intro to Mass Balance and Fate Process

- **Junior:**
  - ENGL 3153, Technical Writing
  - CEES 1000, CEES Seminar
  - CEES 3213, Water Resources Engineering
  - CEES 3253, Intro to Continuum Mechanics
  - CEES 3364, Soil Mechanics
  - CEES 3414, Structural Analysis I

- **Senior:**
  - ENGL 4623, Approaches to Cross-Cultural Human Problems
  - CEES 1000, CEES Seminar
  - CEES 3663, Structural Design—Steel I, or approved substitute
  - CEES 3884, Transportation Engineering
  - CEES 4803, Professional Practice

### Graduation Requirements

- CEES 5020, Thesis Research
- CEES 5021, Technical Communications
- CEES 5022, Graduation Elective

### Additional Information

- Students must successfully complete prerequisite courses (with a minimum C grade) before proceeding to the next course.
- Two college-level courses in a single foreign language are required; this may be satisfied by successful completion of 2 years in a single foreign language in high school. Students who must take foreign language at the University will have an additional 6-10 hours of coursework.
- Requirement of either CEES 3663 or 3673.

### Transfer Credit Policy

- Transfer credit is awarded for courses taken at approved institutions with a grade of C or better.

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\*Dependent upon whether a student chooses the thesis or non-thesis option. Non-thesis option additionally requires: CEES Graduate-level Elective (3 hrs.) and CEES 5020 Special Topics (2 hrs.), and Comprehensive Exam to be taken in the last semester of study.

\*Students may enter the accelerated program based on the undergraduate degree pattern offered in the year they first enrolled in the Oklahoma State System of Higher Education or later.

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**Note:**

Courses designated as Core I, II, III, IV or Capstone are part of the General Education curriculum. Students must complete a minimum of 40 hours of General Education courses, chosen from the approved list.

To be chosen from the University-Wide General Education Approved Course List. Three of these 12 hours must be upper-division (3000-4000). See list in the Class Schedule.

In the College of Engineering, in order to progress in your curriculum, and as a specific graduation requirement, a grade of C or better is required in each course in the curriculum. Please refer to the General Catalog for additional enrollment limitations.

**Engineering transfer students may take ENGR 3410 in place of ENGR 1410 and ENGR 1420.**