ENVIRONMENTAL ENGINEERING, MINOR

Requirements for Students Matriculating in or before Academic Year 2021-2022. Learn more about University Academic Regulation 3.1 (http://catalog.okstate.edu/university-academic-regulations/#matriculation).

**Minimum Grade Point Average:** Minimum of 2.5 GPA with grade of C or better in each minor course

**Total Hours:** 18

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>CHEM 3053</td>
<td>Organic Chemistry I</td>
<td>3</td>
</tr>
<tr>
<td>CIVE 3813</td>
<td>Environmental Engineering Science</td>
<td>3</td>
</tr>
<tr>
<td>CIVE 3853</td>
<td>Environmental Engineering Laboratory</td>
<td>3</td>
</tr>
<tr>
<td>CIVE 4833</td>
<td>Unit Operations in Environmental Engineering</td>
<td>3</td>
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Select one of the following:

- BAE 4324 Water Quality Engineering
- CHEM 3153 Organic Chemistry II
- CHEM 3433 Physical Chemistry I
- CIVE 4013 Aquatic Chemistry
- CIVE 4903 Microbiology for Engineers
- MICR 2123 Introduction to Microbiology

Select one of the following courses:

- BAE 5343 Environmental Contaminant Transport
- CIVE 4853 Bioremediation
- CIVE 4873 Air Pollution Control Engineering
- CIVE 4883 Introduction to Environmental Modeling
- CIVE 4953 Biological Waste
- CIVE 4933 Water Treatment
- CIVE 4050 and BAE 4400 courses in environmental engineering topics (requires approval of the minor administrator)

**Total Hours** 18

**Additional OSU Requirements**

**Undergraduate Minors**

- An undergraduate minor must include between fifteen and thirty hours, inclusive of undergraduate coursework.
- A minimum of six credit hours for the minor must be earned in residence at OSU.
- The courses required for a minor may be included in the course requirements for any undergraduate degree or they may be in addition to degree requirements, depending on the overlap between the minor and degree requirements. However, an undergraduate minor must be earned in an academic field other than the student’s declared degree option. The minor may not duplicate the degree major or option (for example, a student who earns a BA in Art with an Art History option may earn a minor in Studio Art but not Art History).
- A student generally follows the minor requirements associated with his or her matriculation year or newer requirements that have been established since matriculation. The time limit for following requirements from a given academic year is six years.

For additional information on requirements on minors, click here (https://adminfinance.okstate.edu/site-files/documents/policies/requirements-for-undergraduate-and-graduate-minors.pdf).