ENVIRONMENTAL CHEMISTRY MINOR

This program, a minor within the Chemistry program, incorporates all the scientific areas but focuses on green chemistry and sustainability. You will prepare for graduate training or professional work in chemistry under the instruction of faculty members who are active researchers and reflect the diversity of expertise across chemical disciplines.

**Regulations Governing Minor Course Work**

1. There shall be a minimum of 18.0 credit hours with a minimum Millersville QPA of 2.0.
2. Only one course which counts toward your major may be counted toward your minor.
3. Courses that count toward a minor are also eligible to be used to satisfy the current University-wide General Education requirements subject to normal distribution requirements.
4. At least two courses should be at the upper-division level (300-400). Exceptions may be requested upon evidence of program depth.
5. No course needed for the minor may be taken Pass-Fail.
6. One-half or more of the work required for the minor must be completed at Millersville University.
7. No student may minor in his or her major.

**Minor in Environmental Chemistry**

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>CHEM 111</td>
<td>Introductory Chemistry 1</td>
<td>4</td>
</tr>
<tr>
<td>CHEM 112</td>
<td>Introductory Chemistry 2</td>
<td>4</td>
</tr>
<tr>
<td>CHEM 375</td>
<td>Environmental Chemistry</td>
<td>4</td>
</tr>
<tr>
<td>CHEM 476</td>
<td>Environmental Chemistry 2</td>
<td>4</td>
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</tbody>
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CHEMISTRY REQUIRED COURSES - Choose 1 of the following options 4-8 1-2:

- Option 1. Organic Chemistry I II
  - CHEM 231 Organic Chemistry 1
  - CHEM 232 Organic Chemistry 2

- Option 2. Organic Chemistry
  - CHEM 235 Organic Chemistry

CHEM 265 Quantitative Analysis recommended 0

Total Hours 20-24