QUANTITATIVE METHODS IN ENVIRONMENTAL SCIENCE MINOR

This 18 credit minor provides the quantitative and technical skills that are valued by both employers and graduate programs in environmental science. This minor includes a number of options geared towards a wide range of fields; students are able to tailor this minor to reflect their interests and equip them to pursue their professional aspirations in diverse environmental careers.

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 Quantitative Methods Env Sci

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Hours</th>
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<tbody>
<tr>
<td>ENVI 495</td>
<td>Environmental Clinic</td>
<td>3</td>
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<td></td>
<td>Statistics Course - Choose 1 of the following:</td>
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<tr>
<td>BIOL 375</td>
<td>Biometry</td>
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<tr>
<td>ENVI 330</td>
<td>Environmental Statistics &amp; Risk Assessment</td>
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<td>GIS Course - Choose 1 of the following:</td>
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<tr>
<td>ESCI 281</td>
<td>GIS Applications for Earth Sci</td>
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<td>GEOG 295</td>
<td>GIS I: Vector Data Analysis</td>
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<td>GEOG 395</td>
<td>GIS for Web Development</td>
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<td>Elective Courses - Choose 3 of the following:</td>
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<tr>
<td>BIOL 241</td>
<td>Principles of Ecology</td>
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<tr>
<td>CHEM 265</td>
<td>Quantitative Analysis</td>
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<tr>
<td>CHEM 375</td>
<td>Environmental Chemistry</td>
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<td>CHEM 476</td>
<td>Environmental Chemistry 2</td>
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<tr>
<td>ESCI 267</td>
<td>Field Methods in Oceanography</td>
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<td>ESCI 322</td>
<td>Environmental Hydrology</td>
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<td>ESCI 349</td>
<td>Chemistry of the Atmosphere</td>
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<td>ESCI 426</td>
<td>Groundwater Resources and Contamination</td>
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<td>ESCI 447</td>
<td>Meteorological Instrumentation</td>
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<tr>
<td>OSEH 321</td>
<td>Environmental &amp; Industrial Hygiene I - Chemical and Biological Hazards</td>
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Total Hours 18-21