Hydrology Minor

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 Hydrology

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Hours</th>
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<tbody>
<tr>
<td>ESCI 221</td>
<td>Physical Geology</td>
<td>4</td>
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<tr>
<td>ESCI 322</td>
<td>Environmental Hydrology</td>
<td>3</td>
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<tr>
<td>ESCI 426</td>
<td>Groundwater Resources and Contamination</td>
<td>3</td>
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Elective Courses - Choose 8 hours from:

- ESCI 222 Historical Geology
- ESCI 326 Sedimentation and Stratigraphy
- ESCI 329 Aqueous Geochemistry
- ESCI 382 Water Wars: Science and Policy
- ESCI 385 Global Climate Change: Sci & Policy
- ESCI 281 GIS Applications for Earth Sci
- GEOG 295 GIS I: Vector Data Analysis
- BIOL 445 Aquatic Biology
- CHEM 265 Quantitative Analysis
- CHEM 375 Environmental Chemistry

Only ONE of the following courses may be counted toward to 8 elective credits: BIOL 445, CHEM 265 or CHEM 375. Only ONE of the following courses may be taken for credit: ESCI 281 or GEOG 295

Total Hours 18