LAND-USE MINOR

The Land-Use Minor explores the physical and economic impact of human land-use practices and the ways in which land use can be sustainable both for human life and for the maintenance of essential biological diversity.

**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 Land Use**

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>BIOL 241</td>
<td>Principles of Ecology</td>
<td>3</td>
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<tr>
<td>ECON 307</td>
<td>Environmental Economics</td>
<td>3</td>
</tr>
<tr>
<td>GEOG 372</td>
<td>Urban and Regional Planning</td>
<td>3</td>
</tr>
<tr>
<td>ENVI 495</td>
<td>Environmental Clinic</td>
<td>3</td>
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<tr>
<td>ESCI 281</td>
<td>GIS Applications for Earth Sci</td>
<td></td>
</tr>
<tr>
<td>GEOG 295</td>
<td>GIS I: Vector Data Analysis</td>
<td>3</td>
</tr>
<tr>
<td>GEOG 395</td>
<td>GIS for Web Development</td>
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</tbody>
</table>

GIS Course - Choose 1 of the following:

- ESCI 281 GIS Applications for Earth Sci 3
- GEOG 295 GIS I: Vector Data Analysis 3
- GEOG 395 GIS for Web Development 3

Elective Course - Choose 1 of the following: 0-3

- ENVI 330 Environmental Statistics & Risk Assessment
- ESCI 225 Geomorphology
- ESCI 322 Environmental Hydrology
- ESCI 329 Aqueous Geochemistry
- ESCI 426 Groundwater Resources and Contamination
- GEOG 227 Cities
- GEOG 305 Energy Sustainability
- GEOG 333 Biogeography

**Total Hours** 15-18