# Earth Ecosystems Minor

A minor in Earth Ecosystems consists of:

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Semester Hours</th>
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</thead>
<tbody>
<tr>
<td>AES 103</td>
<td>ENVIRONMENTAL EARTH SCIENCE and LABORATORY</td>
<td>15</td>
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<tr>
<td>AES 104</td>
<td>WEATHER &amp; CLIMATE CHANGE and LABORATORY</td>
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<tr>
<td>AES 302</td>
<td>PEOPLE, PLANTS, &amp; ENVIRONMENT</td>
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<tr>
<td>AES 312</td>
<td>PRINCIPLES OF ECOLOGY</td>
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**Required courses:**

- AES 103 \& 103L: ENVIRONMENTAL EARTH SCIENCE and LABORATORY
- AES 104 \& 104L: WEATHER & CLIMATE CHANGE and LABORATORY
- AES 302: PEOPLE, PLANTS, & ENVIRONMENT
- AES 312: PRINCIPLES OF ECOLOGY

**Elective courses:** choose at least 2 courses, minimum of 6 credit hours

- AES 210: COLLAPSE OF CIVILIZATIONS
- AES 303: CLASSIFICATION & PHYSICAL CAUSES OF CLIMATE
- AES 307: ENVIRONMENTAL ARCHEOLOGY
- AES 313: GEOGRAPHIC INFORMATION SYSTEMS
- AES 321: POLLUTION PROBLEMS
- AES 370: INTRODUCTION TO REMOTE SENSING
- AES 407: ENVIRONMENTAL THREATS, PUBLIC POLICY, & DECISION MAKING
- AES 408: PYTHON FOR GIS
- AES 414: GEOSPATIAL APPLICATIONS
- AES 415: ADVANCED TOPICS IN GIS

**Total credit hours:** 21