# Bachelor of Science, Major in Environmental Science (Sustainability)

Available as of Spring 2018

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>Bachelor of Science, Major in Environmental Science (Sustainability)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Core Curriculum</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Component Area I (Communication)</td>
<td></td>
<td>6</td>
</tr>
<tr>
<td>Component Area II (Mathematics)</td>
<td></td>
<td>3</td>
</tr>
<tr>
<td>Component Area III (Life and Physical Science)</td>
<td></td>
<td>8</td>
</tr>
<tr>
<td>Component Area IV (Language, Philosophy, and Culture)</td>
<td></td>
<td>3</td>
</tr>
<tr>
<td>Component Area V (Creative Arts)</td>
<td></td>
<td>3</td>
</tr>
<tr>
<td>Component Area VI (U.S. History)</td>
<td></td>
<td>6</td>
</tr>
<tr>
<td>Component Area VII (Political Science/Government)</td>
<td></td>
<td>6</td>
</tr>
<tr>
<td>Component Area VIII (Social and Behavioral Sciences)</td>
<td></td>
<td>3</td>
</tr>
<tr>
<td>Component Area IX (Component Area Option)</td>
<td></td>
<td>4</td>
</tr>
<tr>
<td>Degree Specific Requirements</td>
<td></td>
<td></td>
</tr>
<tr>
<td>AGET 3383</td>
<td>Soil &amp; Water Conservation Engr</td>
<td>3</td>
</tr>
<tr>
<td>BIOL 1401</td>
<td>Environmental Science</td>
<td>4</td>
</tr>
<tr>
<td>BIOL 1413</td>
<td>General Zoology</td>
<td>4</td>
</tr>
<tr>
<td>BIOL 1411</td>
<td>General Botany</td>
<td>4</td>
</tr>
<tr>
<td>BIOL 3409</td>
<td>General Ecology</td>
<td>4</td>
</tr>
<tr>
<td>BIOL 4374</td>
<td>Biostatistics</td>
<td>3</td>
</tr>
<tr>
<td>CHEM 1411</td>
<td>General Chemistry I</td>
<td>4</td>
</tr>
<tr>
<td>ECON 3352</td>
<td>Energy &amp; Environmental Econ</td>
<td>3</td>
</tr>
<tr>
<td>XXXX XXXX TBA</td>
<td></td>
<td>3</td>
</tr>
<tr>
<td>GEOG 1401</td>
<td>Weather and Climate 1</td>
<td>4</td>
</tr>
<tr>
<td>GEOG 2364</td>
<td>Geo-Spatial Technology</td>
<td>3</td>
</tr>
<tr>
<td>GEOG 4331</td>
<td>Conservtn Of Naturl Resources</td>
<td>3</td>
</tr>
<tr>
<td>GEOG 4468</td>
<td>Remote Sensing</td>
<td>4</td>
</tr>
<tr>
<td>GEOL 1403</td>
<td>Physical Geology</td>
<td>4</td>
</tr>
<tr>
<td>GEOL 3326</td>
<td>Environmental Geology</td>
<td>3</td>
</tr>
<tr>
<td>GEOL 4426</td>
<td>Hydrogeology</td>
<td>4</td>
</tr>
<tr>
<td>PLSC 3440</td>
<td>Soil Science</td>
<td>4</td>
</tr>
<tr>
<td>POLS 3395</td>
<td>Environmental Policy</td>
<td>3</td>
</tr>
<tr>
<td>SOCI 4337</td>
<td>Environment And Society</td>
<td>3</td>
</tr>
<tr>
<td>STAT 1369</td>
<td>Elementary Statistics</td>
<td>3</td>
</tr>
<tr>
<td>MATH 1314</td>
<td>Pre Calculus Algebra 2</td>
<td>3</td>
</tr>
<tr>
<td>Prescribed Electives</td>
<td></td>
<td>16</td>
</tr>
<tr>
<td>Choose five of the following</td>
<td></td>
<td></td>
</tr>
<tr>
<td>PLSC 4330</td>
<td>Soil Fertility Mgt Fertilizers</td>
<td></td>
</tr>
<tr>
<td>PLSC 4370</td>
<td>Forage Crops &amp; Pasture Mgmt</td>
<td></td>
</tr>
<tr>
<td>PLSC 4397</td>
<td>Integrated Pest Management</td>
<td></td>
</tr>
<tr>
<td>GEOL 3326</td>
<td>Environmental Geology</td>
<td></td>
</tr>
<tr>
<td>GEOG 4432</td>
<td>Geomorphology</td>
<td></td>
</tr>
<tr>
<td>GEOG 4357</td>
<td>Population Geography</td>
<td></td>
</tr>
<tr>
<td>PHIL 3372</td>
<td>Philosophy Of Science</td>
<td></td>
</tr>
<tr>
<td>PHIL 4306</td>
<td>Philosophy of Biology</td>
<td></td>
</tr>
<tr>
<td>SOCI 3336</td>
<td>Social Change And Development</td>
<td></td>
</tr>
<tr>
<td>Course Code</td>
<td>Course Name</td>
<td>Hours Fall</td>
</tr>
<tr>
<td>-------------</td>
<td>-------------</td>
<td>------------</td>
</tr>
<tr>
<td>SOCI 4337</td>
<td>Environment And Society</td>
<td>3</td>
</tr>
<tr>
<td><strong>First Year</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Component Area I</td>
<td>3 Component Area I</td>
<td>3</td>
</tr>
<tr>
<td>Component Area VI</td>
<td>3 Component Area V</td>
<td>3</td>
</tr>
<tr>
<td>BIOL 1401</td>
<td>4 Component Area IX</td>
<td>1</td>
</tr>
<tr>
<td>GEOG 1401</td>
<td>4 GEOL 1403</td>
<td>4</td>
</tr>
<tr>
<td>MATH 1314</td>
<td>3 STAT 1369</td>
<td>3</td>
</tr>
<tr>
<td>XXXX XXXX TBA</td>
<td></td>
<td>3</td>
</tr>
<tr>
<td><strong>Second Year</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>BIOL 1411</td>
<td>4 Component Area VII</td>
<td>3</td>
</tr>
<tr>
<td>CHEM 1411</td>
<td>4 Component Area IX</td>
<td>3</td>
</tr>
<tr>
<td>Component Area IV</td>
<td>3 AGET 3383</td>
<td>3</td>
</tr>
<tr>
<td>Component Area VII</td>
<td>3 GEOG 2364</td>
<td>3</td>
</tr>
<tr>
<td>Component Area VIII</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td><strong>Third Year</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>BIOL 1413</td>
<td>4 BIOL 3409</td>
<td>4</td>
</tr>
<tr>
<td>BIOL 4374</td>
<td>3 ECON 3352</td>
<td>3</td>
</tr>
<tr>
<td>GEOL 3326</td>
<td>3 GEOG 4331</td>
<td>3</td>
</tr>
<tr>
<td>GEOL 4426</td>
<td>4 PLSC 3440</td>
<td>4</td>
</tr>
<tr>
<td>POLS 3395</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td><strong>Fourth Year</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Advanced Elective (Environmental Science)</td>
<td>7 Advanced Elective (Environmental Science)</td>
<td>9</td>
</tr>
<tr>
<td>GEOG 4468</td>
<td>4 Component Area VI</td>
<td>3</td>
</tr>
<tr>
<td>SOCI 4337</td>
<td>3</td>
<td>3</td>
</tr>
</tbody>
</table>

Total Hours: 120