# ENVIRONMENTAL WATER RESOURCES OPTION

This option is offered within the following major(s):

- Environmental Sciences - College of Earth, Ocean, and Atmospheric Sciences (http://catalog.oregonstate.edu/college-departments/earth-ocean-atmospheric-sciences/environmental-sciences-bs-hbs)

Also available via Ecampus (http://ecampus.oregonstate.edu).

The Environmental Sciences BS with the option in Water Resources provides a solid science base for domestic and international work related to water.

The option requires a minimum of 27 credits from the three categories below.

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Hours</th>
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<tbody>
<tr>
<td></td>
<td><strong>Core Courses</strong></td>
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<tr>
<td></td>
<td>Select a minimum of one course from the following (additional courses count in the Sciences category):</td>
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<tr>
<td>FE 430</td>
<td>WATERSHED PROCESSES</td>
<td>4</td>
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<tr>
<td>or FE 434</td>
<td>FOREST WATERSHED MANAGEMENT</td>
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<tr>
<td>GEO 487</td>
<td>HYDROGEOLOGY</td>
<td>4</td>
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<tr>
<td>GEOG 424</td>
<td>HYDROLOGY FOR WATER RESOURCES MANAGEMENT</td>
<td>3</td>
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<tr>
<td></td>
<td><strong>Sciences</strong></td>
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<td>Select a minimum of two courses from the following:</td>
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<tr>
<td>BEE 458</td>
<td>NONPOINT SOURCE POLLUTION ASSESSMENT AND CONTROL</td>
<td>3</td>
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<tr>
<td>FW 456</td>
<td>FRESHWATER ECOLOGY AND CONSERVATION</td>
<td>5</td>
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<tr>
<td>FW 479</td>
<td>WETLANDS AND RIPARIAN ECOLOGY</td>
<td>3</td>
</tr>
<tr>
<td>GEO 322</td>
<td>SURFACE PROCESSES</td>
<td>4</td>
</tr>
<tr>
<td>GEO 432</td>
<td>APPLIED GEOMORPHOLOGY</td>
<td>3</td>
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<tr>
<td>GEOG 323</td>
<td>*CLIMATOLOGY</td>
<td>4</td>
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<tr>
<td>GEOG 423</td>
<td>SNOW HYDROLOGY</td>
<td>3</td>
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<td></td>
<td><strong>Resources and Policy</strong></td>
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<td>Select a minimum of two courses from the following:</td>
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<tr>
<td>AEC 351</td>
<td>*NATURAL RESOURCE ECONOMICS AND POLICY</td>
<td>3</td>
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<tr>
<td>AEC 352/ECON 352</td>
<td>*ENVIRONMENTAL ECONOMICS AND POLICY</td>
<td>3</td>
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<td>ENVE 456</td>
<td>SUSTAINABLE WATER RESOURCES DEVELOPMENT</td>
<td>3</td>
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<tr>
<td>GEOG 430</td>
<td>RESILIENCE-BASED NATURAL RESOURCE MANAGEMENT</td>
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<tr>
<td>GEOG 440</td>
<td>WATER RESOURCES MANAGEMENT IN THE UNITED STATES</td>
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<tr>
<td>GEOG 441</td>
<td>INTERNATIONAL WATER RESOURCES MANAGEMENT</td>
<td>3</td>
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<tr>
<td>GEOG 452</td>
<td>SUSTAINABLE SITE PLANNING</td>
<td>3</td>
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<td>OC 333</td>
<td>OCEANS, COASTS, AND PEOPLE</td>
<td>3</td>
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<td>RNG 355</td>
<td>DESERT WATERSHED MANAGEMENT</td>
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<tr>
<td>RNG 455</td>
<td>RIPARIAN ECOHYDROLOGY AND MANAGEMENT</td>
<td>4</td>
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</table>

* Baccalaureate Core Course (BCC)
^ Writing Intensive Course (WIC)

Option Code: 847