CONSERVATION, RESOURCES, AND SUSTAINABILITY 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 Conservation, Resources, and Sustainability option helps students to think in terms of conservation approaches, resource management, and sustainability as science and policy that combine as both personal endeavor and profession.

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Hours</th>
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<tbody>
<tr>
<td>BI 370</td>
<td>ECOLOGY</td>
<td>3</td>
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Students should first complete the following course:

**Conservation**

Select at least three of the following: 9-12

- BI 302    BIOLOGY AND CONSERVATION OF MARINE MAMMALS  
- or FW 302  BIOLOGY AND CONSERVATION OF MARINE MAMMALS  
- FES 445   ECOLOGICAL RESTORATION  
- or FW 445  ECOLOGICAL RESTORATION  
- FES 452   BIODIVERSITY CONSERVATION IN MANAGED FORESTS  
- or FW 452  BIODIVERSITY CONSERVATION IN MANAGED FORESTS  
- FW 320    INTRODUCTORY POPULATION DYNAMICS  
- FW 326    INTEGRATED WATERSHED MANAGEMENT  
- FW 370    CONSERVATION GENETICS  
- FW 435    *WILDLIFE IN AGRICULTURAL ECOSYSTEMS  
- FW 451    AVIAN CONSERVATION AND MANAGEMENT  
- FW 467    ANTARCTIC SCIENCE AND CONSERVATION

**Resource Management and Policy**

Select at least three of the following: 9-12

- AEC 351   *NATURAL RESOURCE ECONOMICS AND POLICY  
- AEC 352   *ENVIRONMENTAL ECONOMICS AND POLICY  
- or ECON 352  ENVIRONMENTAL ECONOMICS AND POLICY  
- AEC 432   ENVIRONMENTAL LAW  
- FES 350   URBAN FORESTRY  
- or HORT 350  URBAN FORESTRY  
- FES 355   MANAGEMENT FOR MULTIPLE RESOURCE VALUES  
- FES 455   URBAN FOREST PLANNING, POLICY AND MANAGEMENT  
- or HORT 455  URBAN FOREST PLANNING, POLICY AND MANAGEMENT  
- FOR 330   FOREST RESOURCE ECONOMICS I  
- FOR 331   FOREST RESOURCE ECONOMICS II  
- FOR 346   TOPICS IN WILDLAND FIRE  
- FW 321   APPLIED COMMUNITY AND ECOSYSTEM ECOLOGY  
- FW 323   MANAGEMENT PRINCIPLES OF PACIFIC SALMON IN THE NORTHWEST  
- FW 415   FISHERIES AND WILDLIFE LAW AND POLICY  
- FW 422   INTRODUCTION TO OCEAN LAW  
- FW 435   *WILDLIFE IN AGRICULTURAL ECOSYSTEMS  
- FW 462   ECOSYSTEM SERVICES  
- GEOG 360  GISCIENCE I: GEOGRAPHIC INFORMATION SYSTEMS AND THEORY  
- GEOG 430  RESILIENCE-BASED NATURAL RESOURCE MANAGEMENT  
- GEOG 450  LAND USE IN THE AMERICAN WEST  
- GEOG 441  INTERNATIONAL WATER RESOURCES MANAGEMENT  
- GEOG 440  WATER RESOURCES MANAGEMENT IN THE UNITED STATES  
- GEOG 431  GLOBAL RESOURCES AND DEVELOPMENT  
- GEOG 452  SUSTAINABLE SITE PLANNING  
- GEOG 451  PLANNING PRINCIPLES AND PRACTICES FOR RESILIENT COMMUNITIES  
- PS 473   US ENERGY POLICY  
- PS 475   ENVIRONMENTAL POLITICS AND POLICY  
- PS 477   INTERNATIONAL ENVIRONMENTAL POLITICS AND POLICY  
- RNG 341  RANGELAND ECOLOGY AND MANAGEMENT  
- RNG 490  RANGELAND MANAGEMENT PLANNING  
- SUS 304  *SUSTAINABILITY ASSESSMENT  

**Society and Values**

Select at least one of the following: 3-4

- ANTH 481  *NATURAL RESOURCES AND COMMUNITY VALUES  
- BEE 411  GLOBAL ENVIRONMENTAL CHANGE: USING DATA TO INFORM DECISIONS  
- BI 348  *HUMAN ECOLOGY  
- FW 340  *MULTICULTURAL PERSPECTIVES IN NATURAL RESOURCES  
- FW 439  *HUMAN DIMENSIONS OF FISHERIES AND WILDLIFE MANAGEMENT  
- FW 470  *ECOLOGY AND HISTORY: LANDSCAPES OF THE COLUMBIA BASIN  
- GEO 309  *ENVIRONMENTAL JUSTICE  
- HST 481  *ENVIRONMENTAL HISTORY OF THE UNITED STATES  
- NR 455  NATURAL RESOURCE DECISION MAKING  
- PHL 443  *WORLD VIEWS AND ENVIRONMENTAL VALUES  
- PS 461  ENVIRONMENTAL POLITICAL THEORY  
- SOC 480  *ENVIRONMENTAL SOCIOLOGY  
- SOC 481  *SOCIETY AND NATURAL RESOURCES  
- SUS 350  *SUSTAINABLE COMMUNITIES  
- WGSS 440  *WOMEN AND NATURAL RESOURCES  
- WGSS 450  ECOFEMINISM  

Total Hours: 24-31
* Baccalaureate Core Course (BCC)
^ Writing Intensive Course (WIC)

Option Code: 843