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
Conservation, Resources, and Sustainability Option

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

Option Code: 843