

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 at OSU-Cascades and via Ecampus.

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.

Option Code: 843

Code	Title	Credits
Students should first complete the following course:		
BI 370	ECOLOGY	3
Conservation		
Select at least three courses from the following:		9-12
BI 375	FIELD METHODS IN ECOLOGICAL RESTORATION	
FES 445/FW 445	ECOLOGICAL RESTORATION ¹	
FES 452/FW 452	BIODIVERSITY CONSERVATION IN MANAGED FORESTS	
FW 302	BIOLOGY AND CONSERVATION OF MARINE MAMMALS	
FW 320	INTRODUCTORY POPULATION DYNAMICS ¹	
FW 326	INTEGRATED WATERSHED MANAGEMENT	
FW 370	CONSERVATION GENETICS ¹	
FW 435	*WILDLIFE IN AGRICULTURAL ECOSYSTEMS	
FW 451	AVIAN CONSERVATION AND MANAGEMENT	
FW 467	ANTARCTIC SCIENCE AND CONSERVATION	
Z 349	*BIODIVERSITY: CAUSES, CONSEQUENCES, AND CONSERVATION	
Resource Management and Policy		
Select at least three courses from the following:		9-12
AEC 351	*NATURAL RESOURCE ECONOMICS AND POLICY	
AEC 352/ECON 352	*ENVIRONMENTAL ECONOMICS AND POLICY ¹	
AEC 432	ENVIRONMENTAL LAW	
FES 350/HORT 350	URBAN FORESTRY	
FES 355	MANAGEMENT FOR MULTIPLE RESOURCE VALUES	
FES 455/HORT 455	URBAN FOREST PLANNING, POLICY AND MANAGEMENT	
FOR 330	FOREST RESOURCE ECONOMICS I	
FOR 346	TOPICS IN WILDLAND FIRE	
FW 321	APPLIED COMMUNITY AND ECOSYSTEM ECOLOGY	
FW 323	MANAGEMENT PRINCIPLES OF PACIFIC SALMON IN THE NORTHWEST ¹	
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 ¹	
GEOG 430	RESILIENCE-BASED NATURAL RESOURCE MANAGEMENT	
GEOG 431	GLOBAL RESOURCES AND DEVELOPMENT	
GEOG 440	WATER RESOURCES MANAGEMENT IN THE UNITED STATES	
GEOG 441	INTERNATIONAL WATER RESOURCES MANAGEMENT	
GEOG 450	LAND USE IN THE AMERICAN WEST	

GEOG 451	PLANNING PRINCIPLES AND PRACTICES FOR RESILIENT COMMUNITIES	
GEOG 452	SUSTAINABLE SITE PLANNING	
PS 473	US ENERGY POLICY	
PS 475	ENVIRONMENTAL POLITICS AND POLICY ¹	
PS 477	INTERNATIONAL ENVIRONMENTAL POLITICS AND POLICY	
RNG 341	RANGELAND ECOLOGY AND MANAGEMENT ¹	
RNG 490	RANGELAND MANAGEMENT PLANNING	
SUS 304	*SUSTAINABILITY ASSESSMENT ¹	
TRAL 352	WILDERNESS MANAGEMENT	
TRAL 493	ENVIRONMENTAL INTERPRETATION	
Society and Values		
Select at least one course from the following:		3-4
ANTH 481	*NATURAL RESOURCES AND COMMUNITY VALUES	
BEE 411	GLOBAL ENVIRONMENTAL CHANGE: USING DATA TO INFORM DECISIONS	
BI 301	*HUMAN IMPACTS ON ECOSYSTEMS	
BI 347	*OCEANS IN PERIL	
BI 348	*HUMAN ECOLOGY	
FES 485	*CONSENSUS AND NATURAL RESOURCES ¹	
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 ¹	
HST 481	*ENVIRONMENTAL HISTORY OF THE UNITED STATES	
NR 455	NATURAL RESOURCE DECISION MAKING ¹	
OC 333	*OCEANS, COASTS, AND PEOPLE	
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 ¹	
WGSS 440	*WOMEN AND NATURAL RESOURCES	
WGSS 450	ECOFEMINISM	
Total Credits		27

- * Baccalaureate Core Course (BCC)
- ^ Writing Intensive Course (WIC)
- ¹ Available at OSU-Cascades

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