

NATURAL RESOURCE EDUCATION OPTION

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

- Natural Resources - College of Forestry (<http://catalog.oregonstate.edu/college-departments/forestry/forest-ecosystems-society/natural-resources-bs-hbs>)

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

This option will prepare students for careers as natural resource educators. Students may choose to focus on teaching in informal settings such as interpretive center, aquariums, museums, and parks or pursue a career in formal education in a K-12 classroom.

Students on the Corvallis campus may wish to explore the Education Double Degree (<https://education.oregonstate.edu/education-double-degree>) program offered by the College of Education which allows students to earn a BA or BS in Education as well as their BS in Natural Resources. Courses in this option may be double counted with the Education Double Degree where applicable.

Minimum of 40 credits with 20 upper-division credits required.

Code	Title	Hours
Measurements		
FES 430	FOREST AS CLASSROOM	4
Natural Resource Base		
FOR 111 or FES 342	INTRODUCTION TO FORESTRY FOREST TYPES OF THE NORTHWEST	3
FW 251	PRINCIPLES OF FISH AND WILDLIFE CONSERVATION	3
TRAL 493	ENVIRONMENTAL INTERPRETATION	4
Education and Program Development		
ED 216 or ED 219	*PURPOSE, STRUCTURE, AND FUNCTION OF EDUCATION IN A DEMOCRACY CIVIL RIGHTS AND MULTICULTURAL ISSUES IN EDUCATION	3
ED 253	LEARNING ACROSS THE LIFESPAN	3
ED 496	TECHNOLOGY FOR EDUCATORS	3
SED 413	INQUIRY IN SCIENCE AND SCIENCE EDUCATION	3
Electives ¹		14

Education Electives

ED 216 or ED 219	*PURPOSE, STRUCTURE, AND FUNCTION OF EDUCATION IN A DEMOCRACY CIVIL RIGHTS AND MULTICULTURAL ISSUES IN EDUCATION
ED 309	FIELD PRACTICUM
ED 411	EDUCATIONAL PSYCHOLOGY, LEARNING AND DEVELOPMENT
ED 412	LEARNING STYLES AND NEEDS IN ADOLESCENCE
SED 406	PROJECTS
SED 412	TECHNOLOGY FOUNDATIONS FOR TEACHING MATH AND SCIENCE
SED 435	COMMUNICATING OCEAN SCIENCES TO INFORMAL AUDIENCES

Natural Resource Electives

BI 150	INTRODUCTION TO MARINE BIOLOGY
BI 302/FW 302	BIOLOGY AND CONSERVATION OF MARINE MAMMALS
BI 347	*OCEANS IN PERIL
BI 348	*HUMAN ECOLOGY
FES 355	MANAGEMENT FOR MULTIPLE RESOURCE VALUES
FES 452/FW 452	BIODIVERSITY CONSERVATION IN MANAGED FORESTS
FW 426	COASTAL ECOLOGY AND RESOURCE MANAGEMENT
FW 451	AVIAN CONSERVATION AND MANAGEMENT
FW 458	MAMMAL CONSERVATION AND MANAGEMENT
FW 464	MARINE CONSERVATION BIOLOGY
GEO 202	*EARTH SYSTEMS SCIENCE
GEO 203	*EVOLUTION OF PLANET EARTH
GEO 307	*NATIONAL PARK GEOLOGY AND PRESERVATION
RNG 341	RANGELAND ECOLOGY AND MANAGEMENT
RNG 421	WILDLAND RESTORATION AND ECOLOGY
RNG 455	RIPARIAN ECOHYDROLOGY AND MANAGEMENT
TRAL 251	RECREATION RESOURCE MANAGEMENT
TRAL 351	OUTDOOR RECREATION MANAGEMENT ON PUBLIC LANDS
TRAL 352 or TRAL 357	WILDERNESS MANAGEMENT PARKS AND PROTECTED AREAS MANAGEMENT
Z 349	*BIODIVERSITY: CAUSES, CONSEQUENCES, AND CONSERVATION
Total Hours	40

* Baccalaureate Core Course (BCC)

¹ Students may choose a minimum of 14 credits from either category below. Students may choose to focus on teaching in informal education settings or formal classroom instruction/licensure in K-12 schools. Students should work with their advisor to plan an appropriate plan of study to meet their goals.

Note: Up to 6 credits of appropriate internships, projects, or study abroad may be used to fulfill requirements in this option as approved by petition.

Option Code: 679