

OSU-Cascades Campus

Natural Resources



If you are interested in a broad-based approach to natural resources and a career dealing with land use, water resources, environmental policy, resource technology, natural resource education and related endeavors, this degree program may be for you.

We rely on earth's natural resources for our daily needs. Yet nature's interactions are complex and human activities make them even more so. As the earth's population increases, the added concern of the sustainability of these resources becomes very real. An OSU-Cascades degree in Natural Resources gives graduates a working knowledge of a broad span of natural resources, their diversity and interdependence, and the critical relationships between humans and their natural environment.

The Program

The Natural Resources curriculum is an interdisciplinary degree offered jointly by four colleges at Oregon State University: the Colleges of Agricultural Sciences, Forestry, Liberal Arts, and Science. Coursework is a mix of disciplines from all four colleges pertaining to natural resources. Because of its flexibility, the degree provides students the opportunity to combine areas of particular interest, or focus on a topic area not otherwise offered at the undergraduate level. Care is taken in designing the program to ensure that it includes enough skills and knowledge to prepare students for employment.

The curriculum requires a set of core courses in basic sciences, mathematics, statistics, economics, biology, and ecology. Students then broaden their natural resource knowledge with courses from seven different natural resource disciplines. The heart of the degree is a 50-credit specialty option comprised of courses from at least three areas organized around a natural resources theme. Students may choose from a list of pre-approved options or design their own with the help of an advisor. A capstone course lets students understand the process of how to arrive at decisions about sensitive natural resource issues when options vary.

The Future

Natural Resource graduates work for public and private land management agencies in a wide variety of positions, depending on their study focus. These opportunities include environmental organizations, legislative bodies concerned with land-use policy and laws, public relations, watershed councils and a variety of education activities. Some students go on to law school or teaching. Others pursue graduate studies in a particular natural resource discipline with a view to becoming a specialist or research scientist.

Natural Resources Curriculum

Degree Requirements	180 Total Credits
Natural Resources Core	46 Credits
Breadth Courses	21 Credits
Specialty Option	50 Credits
OSU Baccalaureate Core/Electives	63 Credits

Natural Resources Core

Biology (BI 101, 102, 103, or 221, 222, 223)

Mathematics (MTH 112 or 243; MTH 241 or 251*)

Statistics (MTH 244 or ST 201/209*)

General Ecology (BI 370)

Water Science (RNG 355, OC 331*)

Earth Science (select one of GEO 101, 103, 201)

Atmospheric Science (ATS 210*, GEOG 209)

Natural Resources Policy (RNG 490 or PS 475*)

Resource Economics (AREC 351*)

Natural Resource Decision-Making and Problem Solving (NR455)

Natural Resource Seminars-two credit hours (student choice)

*Lower division classes available from Central Oregon Community College; upper division classes provided by OSU-Cascades; *classes available from OSU Distance & Continuing Education*

Breadth Requirement Groups

Students must chose one course from a list of approved courses in each of the groups below

Wildlife and Fisheries

Range

Forestry

Resource Values/Philosophy

Land and Water

Social and Political

Amenity Uses of Natural Resources

Specialty Option Choices

Natural Resource Policy

Natural Resource Technology

Resource Conservation

Or students may work with an advisor to create an individualized option

OSU Baccalaureate Core/Electives

See OSU-Cascades and COCC catalogs for a complete listing of courses that fulfill general education requirements.

Contacts at OSU-Cascades

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OSU-Cascades Admissions

For applications, financial aid, OSU-Cascades scholarships, campus tours and general information

Ph: 541-322-3100

Email: CascadesAdmit@osucascades.edu

OSU-Cascades – You Can Have It All

At OSU-Cascades, located in Bend, Oregon, students have a unique opportunity to sample the best of higher education in Oregon. Our unique mission is to collaborate with nine universities and colleges to offer 19 in-demand bachelor's and master's degree programs on a single campus. Students admitted to OSU-Cascades take lower division classes from Central Oregon Community College. Then, when ready for upper division classes, students transition into the university offering their degree without ever leaving Central Oregon.

Students will find a personal approach to academics, including high-quality advising, smaller classes and creative course delivery that includes one-on-one learning with a world-class faculty. OSU-Cascades fosters an environment that incorporates community, culture, the arts, recreation, and the unmatched beauty of Central Oregon into the learning experience. At OSU-Cascades, you can have it all.

OREGON STATE UNIVERSITY

CASCADES CAMPUS