

COLLEGE OF FORESTRY

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College of Forestry

The College of Forestry at Oregon State University is one of the world's premier education, research, and outreach institutions that focuses on broad areas related to forest resources, terrestrial systems, wood products, ecosystem services, recreation, tourism, and their management.

We provide our graduates with an understanding of the complexity of forests and the economic and social systems that depend upon them; to work with nature to keep land healthy for future generations; to know the science, technology and business associated with managing and using forests and related resources; and to work effectively with others in a culturally diverse, global society.

The OSU College of Forestry has educated students for over 100 years. We offer a breadth of undergraduate and graduate programs that prepare students for a variety of careers in the public and private sectors. Our programs are ranked among the very best in the world. Our world-class faculty and modern facilities, combined with remarkable access to local forests, private industries, public agencies, international travel, and research through paid internships, cooperative education, and mentored work experiences, provide our students with necessary knowledge and skills for fulfilling careers.

Degrees and Accreditations

The college offers Bachelor of Science (BS, HBS) degrees in Forest Engineering, Forestry, Natural Resources, Renewable Materials, and Tourism, Recreation & Adventure Leadership; and, in coordination with the College of Engineering, a double degree in Forest-Civil Engineering.

BS degrees in Forestry, Forest Engineering, and Forest Engineering-Civil Engineering are accredited by the Society of American Foresters (SAF). In addition, the BS degree in Forest Engineering and the BS double degree in Forest Engineering-Civil Engineering are accredited by the Engineering Accreditation Commission of ABET, www.abet.org (<http://www.abet.org>). The BS degree in Renewable Materials is accredited by the Society of Wood Science and Technology (SWST).

Graduate programs in Sustainable Forest Management, Forest Ecosystems and Society, and Wood Science and Engineering include the Master of Forestry (MF), Master of Science (MS), and Doctor of Philosophy (PhD). Each department also participates in the Master of Arts in Interdisciplinary Studies (MAIS). The college also offers an

online-only Master of Natural Resources (MNR) and online-only graduate certificates in Sustainable Natural Resources (SNR), Urban Forestry, and Forests & Climate Change.

Double Degrees

Undergraduates with majors in the College of Forestry also can earn secondary degrees in education, innovation management, international studies, or sustainability. See the College of Education, College of Business, International Programs or College of Agricultural Sciences sections of this catalog for more information.

Minors

The college offers minors in Forestry, Natural Resources, Renewable Materials, and Tourism, Recreation & Adventure Leadership (Bend campus only).

High School Preparation

Students planning to study at Oregon State University should include the following subjects in their high school programs: English, 4 years; mathematics, 3 years; science, 3 years (to include at least one year each of two different sciences—biology, chemistry, physics, etc.); social studies, 3 years; and foreign language, 2 years.

Transfer Students

Because of the technical and professional nature of the college's curricula, the college reserves the right to determine whether courses taken at another institution satisfy the college's curricular requirements. In general, equivalent college-level courses successfully completed at an accredited college or university are accepted. OSU students requesting a transfer to the College of Forestry must be in good academic standing at the university. Please contact the Head Advisor at 541-737-1592 for additional information.

Advising

The College of Forestry is committed to helping students succeed. Students are required to meet with an advisor each term. Advisors are valuable sources of information about degree programs, mentoring, and other special opportunities in line with students' interests. Personnel in Advising and the Student Resources & Engagement Office are available to help with university rules and regulations, job placement, exchange programs, and referrals to cross-campus programs and services. Students are encouraged to take an active role in their program planning, and to use their time at OSU to develop themselves both academically and professionally.

The college and the OSU Career Development Center provide up-to-date information for both seasonal and permanent work and offer a full array of career services to prepare undergraduates and graduates for jobs.

Education Facilities

Richardson Hall contains modern classroom, laboratory, computer, and study facilities that support learning. COF offers a Self-Learning Center where students have access to educational materials, computers, and group study space. The Wood Innovation Center promotes great relationships between students, employers, and faculty.

Classes use the nearby college forests for field instruction and research projects. In addition to the 11,500 acres in the McDonald-Dunn Forests, the college manages other forests in Oregon for education and research.

The college also makes extensive use of various public and private programs and facilities for student benefit. Numerous field trips to forests, wood processing and manufacturing operations, recreation facilities, and research sites enable students to observe contemporary problems and practices.

Corvallis is one of the largest forestry and wood science research centers in the world. An innovative research program is conducted by the college through its Forest Research Laboratory and by the campus-based Forest Sciences Laboratory of the U.S. Forest Service. These organizations offer state-of-the-art facilities for educational and employment opportunities for superior students.

A Forest Products Collection contains approximately 2,500 species of wood, primarily from North and South America, Southeast Asia, and Africa, while the grounds around the college are planted with an extensive collection of Pacific Northwest trees and shrubs.

Student Activities

Numerous opportunities exist for students to participate in social and academic activities related to forestry and natural resources, sports logging, and international travel. Clubs and student chapters of several professional societies are active in the college, as well as Xi Sigma Pi, a national honorary society to which College of Forestry students may belong. These clubs offer students the chance to develop leadership and team-building skills.

Scholarships

The College of Forestry offers over \$500,000 in undergraduate scholarships annually. Many scholarships are merit based, and awards range from between \$1,000 and \$9,000 per year. Online applications are available at <http://studentservices.forestry.oregonstate.edu/sre/> scholarships and are due February 15 of each year.

Graduate students are commonly supported with teaching and research assistantships, as well as fellowships with awards totaling over \$300,000 per year. Information is available at <http://www.forestry.oregonstate.edu/graduate-programs/funding>.

Scholarships and fellowships are awarded each spring for the following academic year.

Graduation

Academic Requirements

To earn a bachelor of science degree, a student must complete at least 180 quarter credits of university-level courses for the Forestry; Natural Resources; Renewable Materials; and Tourism, Recreation, and Adventure Leadership programs. At least 192 quarter credits of university-level courses are required for the BS in Forest Engineering, and 242 credits are required for the double degree in Forest Engineering and Civil Engineering. These curricula include:

- Written and oral communications, 12–13 credits including a senior writing intensive course.
- OSU Baccalaureate Core curriculum.
- Completion of an approved departmental curriculum.
- Minimum grades:
 - Forestry majors must earn grades of C or better in all courses (or approved substitutions) required for the major and option. No major or option courses may be taken with S/U grading.

- Forest Engineering majors must earn grades of C or better in all courses (or approved substitutions) required for the major. No major courses may be taken with S/U grading.
- Forest-Civil Engineering majors must earn grades of C or better in all courses (or approved substitutions) required for the major. No major courses may be taken with S/U grading.
- Natural Resources majors must achieve passing grades in all major courses, and a minimum GPA of 2.25 in the option. Natural Resources majors can take up to two S/U graded courses in their major or option.
- Renewable Materials majors must achieve grades of C- or high in all COF courses (prefix: FE, FES, FOR, NR, TRAL, or WSE) for the major or option. No major or option courses may be taken with S/U grading.
- Tourism, Recreation & Adventure Leadership majors must earn grades of C or high in all COF courses (prefix: FE, FES, FOR, NR, TRAL, or WSE) for the major or option. No major or option courses may be taken with S/U grading.
- Approved work experience as noted below.

Professional and Personal Requirements

Those majoring in Forest Engineering, Forest Engineering-Civil Engineering, Forestry, Renewable Materials, and Tourism, Recreation & Adventure Leadership must complete six months of satisfactory employment in an area related to their major.

Students are personally responsible for fulfilling all curricular requirements in proper sequence. Work performance and personal conduct are thoroughly appraised by the college. Since the professions of forestry and natural resources are highly regarded for their ethical and academic standards, students are responsible for observing the Professional Code of Conduct of the college in its entirety. Departure from these ethical requirements may result in dismissal from the college.