



Name: _____

Major: _____

Advisor Name: _____

Advisor Office: _____

Advising Appointment Time: _____

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College of Forestry

Welcome to the College of Forestry at Oregon State University!

If you have an interest in a career in some aspect of forests and natural resources, you have found the right place. Oregon State University, with its long Land-Grant tradition of serving the nation, is the natural resource university in Oregon. Our degree programs, faculty, and research achievements are recognized world-wide. Employers love our students!



- Forestry and Natural Resource Professionals are unique in their ability to plan and manage for the long term.
- Forestry and Natural Resource Scientists continue to seek answers that will help us work with nature.
- Wood Scientists and Engineers help us as a society produce better products and new possibilities for reducing our impact on the earth.

Academic excellence is the hallmark of College of Forestry programs at Oregon State University. Ranked as one of the premier forestry schools in the nation, students find a variety of programs that offer broad education, rigorous depth, and professional focus.

Caring faculty work with students to provide advising, mentoring, research experiences, study abroad opportunities, field labs, exposure to real-world practices, and the latest scientific findings.

Active student clubs enrich student life through social interaction, links to professional organizations, and leadership opportunities.

In short, this is a great place to study, and an OSU College of Forestry degree is sound preparation for the future and an ever-expanding variety of jobs and careers. We look forward to helping you flourish!

With warm regards,
Dean Thomas Maness

COF by the numbers

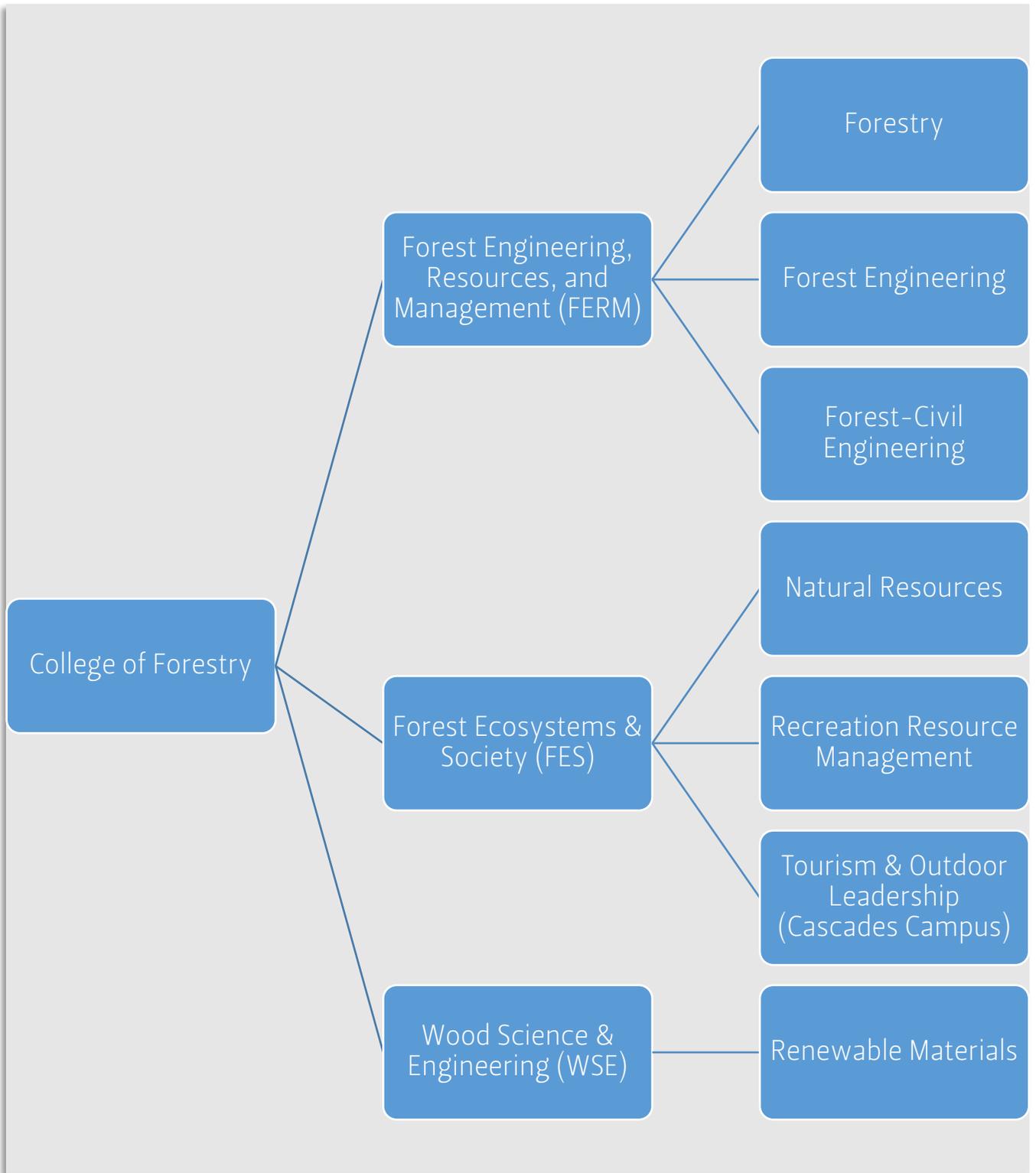
7	Number of majors offered
1100	Number of undergraduates enrolled in COF majors
14,000	Acres of College Forest located near Corvallis
\$500K	Scholarships awarded for 2016-2017
14th	Worldwide ranking for OSU's College of Forestry & Agricultural Sciences

College, Departments, Majors

College

Departments

Undergraduate Majors



Departments

Forest Engineering & Management



Forest Engineering, Resources & Management (FERM)

ferm.forestry.oregonstate.edu

Snell 210 & 211

541-737-4952

Majors:

Forestry

Forest Engineering

Forest-Civil Engineering

Forest Ecosystems & Society



Forest Ecosystems & Society (FES)

fes.forestry.oregonstate.edu

Richardson 321

541-737-2244

Majors:

Natural Resources

Recreation Resource Management

Tourism & Outdoor Leadership (Bend only)

Renewable Materials



Wood Science & Engineering (WSE)

woodscience.oregonstate.edu

Richardson 119

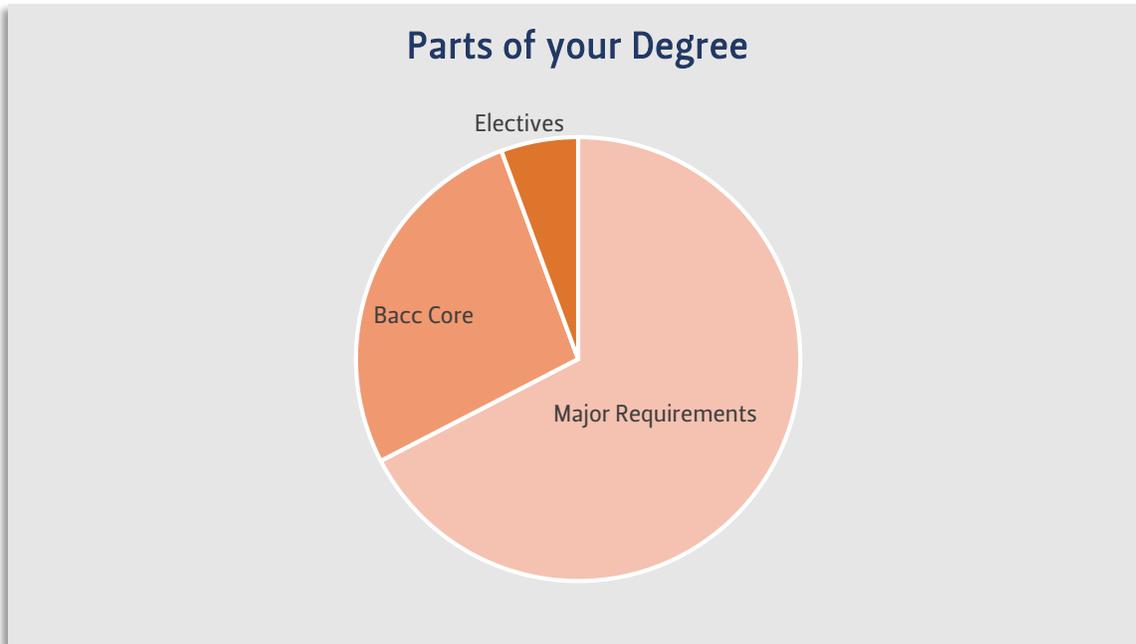
541-737-8506

Major:

Renewable Materials

Parts of Your Degree

In general, your degree will have three parts: the Bacc Core, major requirements, and electives. You will earn a minimum of 180 credits to receive a degree. Students in Forest Engineering earn 192, and those in Forest-Civil Engineering earn 244.



Bacc Core: General education curriculum required for every OSU student

Major: Your primary area of study. The bulk of your courses will be in your major, and you will gain a depth of knowledge in this discipline.

Options: Some majors include an option. Options are specialized tracks within the major, allowing you to tailor your courses more specifically within a broad major. In some cases, you are allowed to substitute a minor for the option in your program.

Minors: A secondary area of study. Most minors require 24-36 credits of coursework, giving you a little more depth in that particular area.

Electives: These are courses that you choose. Generally, they won't fulfill a requirement for your major, bacc core, or minor, but still count toward your total credits for graduation. Students often earn elective credit for music or physical fitness classes that they take for fun.

Consult with your Academic Advisor and your MyDegrees page for requirements of your specific program.

Baccalaureate Core

Baccalaureate Core (commonly referred to as “Bacc Core”) is the general education curriculum at Oregon State University. In order to graduate from OSU, students must complete the Bacc Core in addition to their major requirements.

	Purpose	Category Name	Details	Credits
Skills 15 Credits from 5 Courses	Ensure that students have basic skills in written and oral communication, mathematics, and personal wellness.	Writing I	Must be completed satisfactorily (grade of C- or better) within the first 45 credits at OSU.	3 credits
		Writing II	Must be completed satisfactorily within the first 90 credits at OSU.	3 credits
		Speech	Must be completed satisfactorily within the first 45 credits at OSU.	3 credits
		Mathematics	Must be completed satisfactorily within the first 45 credits at OSU.	3 credits
		Fitness	Two parts: HHS 231 (2 credits) and HHS 24X/PAC (1 credit)	3 credits
Perspectives 24 Credits from 7 Courses	Perspectives courses provide students with a breadth of knowledge across disciplinary fields. <i>(no more than two courses from any subject)</i>	Biological Science & Lab		4 credits
		Physical Science & Lab		4 credits
		Additional Lab Science	Choose an additional course from either Physical Science or Biological Science	4 credits
		Cultural Diversity		3 credits
		Literature & the Arts		3 credits
		Social Processes & Institutions		3 credits
		Western Culture		3 credits
Difference, Power, and Discrimination 3 credits from 1 course	In DPD courses, students examine the complex structures, systems, and beliefs behind discrimination and unequal power distribution in American society.	Difference, Power, and Discrimination		3 credits

Purpose		Category Name	Details	Credits
Synthesis 6 credits from 2 courses	Synthesis courses use multidisciplinary approaches that foster critical thinking in a given content area. <i>(Courses must be from two different departments)</i>	Contemporary Global Issues		3 credits
		Science, Technology, and Society		3 credits
Writing Intensive Course 3 credits from 1 course	In WIC courses, students gain knowledge of and practice with writing in their major.	Writing Intensive	Taken in the major	3 credits
Total:				51 credits

A full list of courses that fulfill Bacc Core requirements is available online: catalog.oregonstate.edu/bcc.aspx. Some Bacc Core requirements may be fulfilled by courses you take for your major. Consult with your Academic Advisor to determine which categories you need to fulfill.

Program Overview: Forest Engineering



Finn Leary, Forest Engineering

Forest Engineering at Oregon State has a long tradition of excellence in undergraduate education. Our programs are designed to provide a solid Engineering background as well as fundamental knowledge in Forestry principles and practices. OSU is one of only two universities in the U.S. to offer a forest engineering degree. We provide an engineering education that focuses on solving the engineering problems of Forest Resource Management. Employers in forest industries, consulting firms, and public agencies recognize the strength of OSU's programs. The quality in the Forest Engineering program is maintained by including breadth and depth in both Forestry and Engineering topics in the curriculum. The Bachelor

of Science in Forest Engineering is accredited by the Society of American Foresters (SAF) and by the Engineering Accreditation Commission of ABET, Inc.

The Forest Engineering Program at Oregon State University prepares graduates to plan and implement solutions to complex forestry and natural resource problems. Early career opportunities include harvest unit design, forest road location and design, contract inspection and administration, cost analysis, and forest transportation management. Mid-career assignments may involve aspects of engineering management including planning and budgeting, supervision, wood supply procurement, harvest and road design reviews, and scheduling and controlling forest operations.

Pro-School (see p. 25):

The Forest Engineering major operates on a pre/pro model. Students spend their first two years in the pre-Forestry program, and move to the professional Forestry program (or "Pro-School") for their junior and senior years. Students remain in the Pre-Forestry program until completing the Pre-Forestry curriculum satisfactorily. Grades of C or better and a minimum GPA of 2.25 are required in all courses that are part of the Pre-Forestry curriculum. Pre-Forestry students will apply for admission to Pro-School to gain access to the junior/senior level courses. Application commonly takes place at the end of the sophomore year.

Field School:

Field School is an intensive two-week hands-on experience that prepares students for Pro-School. It is required of all students entering Pro-School and takes place during the two weeks prior to the start of the junior year.

Note: The following courses fulfill requirements for the major. Students must also complete OSU's Baccalaureate Core to earn a degree. Major requirements that also fulfill a Baccalaureate Core requirement are marked with an asterisk ().*

Pre-Forestry Courses: First & Second Years

CCE 201	Civil Engineering II: Engineering Graphics & Design
CH 201	Chemistry for Engineering Majors
COMM 111* or COMM 114*	Public Speaking or Argument & Critical Discourse
ECON 201*	Intro to Microeconomics
ENGR 211	Statics
ENGR 212	Dynamics
ENGR 213	Strength of Materials
FE 101	Intro to Forest Engineering
FE 102	Forest Engineering Problem Solving & Technology
FE 208	Forest Surveying
FE 209	Forest Photogrammetry
FE 257	GIS & Forest Engineering Applications
FES 240*	Forest Biology
FES 241	Dendrology
FOR 111	Intro to Forestry
MTH 251*	Differential Calculus
MTH 252	Integral Calculus
MTH 254	Vector Calculus
MTH 256	Applied Differential Equations
PH 211*	General Physics I with Calculus
PH 212*	General Physics II with Calculus
SOIL 205*	Soil Science
FOR 206*	Soil Science Lab
ST 201	Principles of Statistics
WR 121*	English Composition
WR 327*	Technical Writing

Professional Program: Third & Fourth Years

FE 307	Forest Engineering Junior Seminar
FE 310	Forest Route Surveying
FE 312	Field School
FE 315	Soil Engineering
FE 316	Soil Mechanics
FE 330	Forest Engineering Fluid Mechanics & Hydraulics
FE 371	Harvesting Process Engineering
FE 415	Forest Road Engineering
FE 416	Forest Road System Management
FE 434	Forest Watershed Management
FE 440	Forest Operations Analysis
FE 456*	International Forestry
FE 457	Techniques for Forest Resource Analysis
FE 450	Forest Management Planning & Design I
FE 460*	Forest Operations Regulations and Policy Issues
FE 469	Forest Management Planning & Design II
FE 470	Logging Mechanics
FE 471	Harvesting Management
FE 480	Forest Engineering Practice & Professionalism
FOR 321	Forest Mensuration
FOR 330	Forest Resource Economics I
FOR 331	Forest Resource Economics II
FOR 441	Silviculture Principles
GEO 300* or FW 350*	Sustainability for the Common Good or Endangered Species, Society and Sustainability

Program Overview: Forest-Civil Engineering

Graduates from these degree programs receive a rigorous blend of engineering and forestry education that provides a foundation for amazingly diverse career options. The OSU Forest Engineering Program is the only one that is accredited in both engineering and forestry. The FE-CE double degree is unique; it is not available at any other university in North America and both programs are accredited by the Engineering Accreditation Commission of ABET, Inc.



Melissa Stone Bronson, Forest-Civil Engineering

Graduates from both degree programs are prepared to play a variety of key roles in helping meet the world's appetite for wood products from sustainable forests, while also protecting other resource values such as soils, water, wildlife habitat, and recreation opportunities. In a world of more than 7 billion people, society's wood demands are enormous and growing, even with aggressive recycling programs. Many Forest Engineering graduates help meet these demands through positions that plan, design, and implement forestry activities — applying the best engineering, science, technology and experience available to conduct safe, cost effective, and environmentally responsible forest operations.

Other Forest Engineering graduates, especially those from the FE-CE degree program, sometimes pursue careers with less forestry focus. Examples include land development, surveying engineering, transportation engineering and management, environmental consulting, and even municipal engineering. The 5-yr double degree is challenging, but commonly provides the most diverse job opportunities and highest starting salaries.

Traditional forest engineering careers typically involve developing and maintaining transportation systems, and planning and designing timber harvests and other forest operations. Forest products or timberland management companies, federal or state agencies, and consulting or contracting firms are the most common entry-level employers for graduates. Some stay in field oriented positions for much of their career, but many graduates have also become successful managers and executives as they gain experience. A substantial number of graduates find opportunity and satisfaction in owning their own consulting or contracting business, especially if they have an interest in entrepreneurship.

All of these types of positions represent vibrant and timely career opportunities. Forestry continues to be a cornerstone of the economy of many communities, providing jobs and economic vitality. This is a good time to be entering this field as the baby boomer generation begins to retire. As the population of the world grows and natural resource challenges become more complex the need for well-rounded highly trained forest engineers becomes greater.

Pro-School (see p. 25):

The Forest Engineering major operates on a pre/pro model. Students spend their first two years in the pre-Forestry program, and move to the professional Forestry program (or “Pro-School”) for their junior and senior years. Students remain in the Pre-Forestry program until completing the Pre-Forestry curriculum satisfactorily. Grades of C or better and a minimum GPA of 2.25 are required in all courses that are part of the Pre-Forestry curriculum. Pre-Forestry students will apply for admission to Pro-School to gain access to the junior/senior level courses. Application commonly takes place at the end of the sophomore year.

FE-CE students must also apply to the Pro-School for Civil Engineering. This requires a separate application through the College of Engineering, and is subject to different GPA requirements. Engineering Pro-School application information: engineering.oregonstate.edu/apply-engineering-professional-program-summer15-later

Field School:

Field School is an intensive two-week hands-on experience that prepares students for Pro-School. It is required of all students entering Pro-School and takes place during the two weeks prior to the start of the junior year.

Note: The following courses fulfill requirements for the major. Students must also complete OSU's Baccalaureate Core to earn a degree. Major requirements that also fulfill a Baccalaureate Core requirement are marked with an asterisk ().*

Pre-Forestry Courses: First & Second Years

CCE 101	Civil & Construction Engineering Orientation
CCE 201	Civil Engineering II: Engineering Graphics & Design
CH 201	Chemistry for Engineering Majors I
CH 202	Chemistry for Engineering Majors II
CH 205	Laboratory for CH 202
COMM 111* or COMM 114*	Public Speaking or Argument & Critical Discourse
ECON 201*	Intro to Microeconomics
ENGR 211	Statics
ENGR 212	Dynamics
ENGR 213	Strength of Materials
FE 101	Intro to Forest Engineering
FE 102	Forest Engineering Problem Solving & Technology
FE 208	Forest Surveying
FE 209	Forest Photogrammetry
FE 257	GIS & Forest Engineering Applications
FES 240*	Forest Biology
FES 241	Dendrology
MTH 251*	Differential Calculus
MTH 252	Integral Calculus
MTH 254	Vector Calculus
MTH 256	Applied Differential Equations
MTH 306	Matrix & Power Series Methods
PH 211*	General Physics I with Calculus
PH 212*	General Physics II with Calculus
PH 213*	General Physics III with Calculus
SOIL 205*	Soil Science
FOR 206*	Soil Science Lab
ST 314	Intro to Statistics for Engineers
WR 121*	English Composition

Professional Program: Third, Fourth & Fifth Years

CCE 321	Civil Engineering Materials
CE XXX	CE Design Elective (choose from a list)
CE 311	Fluid Mechanics
CE 313	Hydraulic Engineering
CE 361	Surveying Theory
CE 381	Structural Theory I
CE 382	Structural Theory II
CE 383	Design of Steel Structures
CE 392	Intro to Highway Engineering
CE 418*	Civil Engineering Professional Practice
CE 419	Civil Infrastructure Design
CE 481	Reinforced Concrete I
CE 491	Transportation Engineering
ENGR 201	Electrical Fundamentals I
ENVE 321	Environmental Engineering Fundamentals
FE 307	Forest Engineering Junior Seminar
FE 310	Forest Route Surveying
FE 312	Field School
FE 315	Soil Engineering
FE 316	Soil Mechanics
FE 371	Harvesting Process Engineering
FE 415	Forest Road Engineering
FE 416	Forest Road System Management
FE 434	Forest Watershed Management
FE 440	Forest Operations Analysis
FE 450	Forest Operations Design I
FE 456*	International Forestry
FE 457	Techniques for Forest Resource Analysis
FE 459	Forest Management Planning & Design I
FE 469	Forest Management Planning & Design II
FE 460*	Forest Operations Regulations and Policy Issues
FE 470	Logging Mechanics
FE 480	Forest Engineering Practice and Professionalism
FOR 321	Forest Mensuration
FOR 330	Forest Resource Economics I
FOR 331	Forest Resource Economics II
FOR 441	Silvicultural Principles
GEO 300* or FW 350*	Sustainability for the Common Good or Endangered Species, Society and Sustainability
WR 327*	Technical Writing

Program Overview: Forestry

The B.S. in Forestry program is intended to more broadly educate and train forest land managers in the biological, physical, and socioeconomic factors that influence forest policies and management actions. Our graduates will be prepared to work for the forest industry, non-industrial landowners, federal and state agencies, non-profits and nongovernmental organizations.

The successful forester must understand the biological and physical processes of forest ecosystems, as well as the social, economic, and operational forces that influence forest policies and management actions. The forestry core curriculum includes basic courses in the biological, physical, social sciences, and six months of work experience as well as professional courses designed to prepare students to manage forest resources.



Christiana Kittel, Forestry-Operations

Learning outcomes for the B.S. in Forestry program:

- Demonstrate knowledge of forest ecology and silvicultural principles to understand how forests and forested watersheds respond to natural disturbances or management activities.
- Develop skills in geospatial analysis, basic surveying, mapping, and Geographic Information Systems (GIS).
- Demonstrate ability to measure and inventory forest vegetation with precision and accuracy.
- Develop an understanding of forestry investment analysis and be able to evaluate typical financial investments in forestry.
- Demonstrate an understanding of the development and execution of strategic, tactical and operational forest plans that support achievement of desired future stand conditions and strategic goals.
- Demonstrate an understanding of the social and political context of forestry and be able to describe current policies, laws, and regulations governing the management of forest lands.

Forestry students must choose one of three options within the major:

- Forest Landscape Processes and Management
- Forest Management
- Forest Operations Management

Pro-School (see p. 25):

The Forestry major operates on a pre/pro model. Students spend their first two years in the pre-Forestry program, and move to the professional Forestry program (or “Pro-School”) for their junior and senior years. Students remain in the Pre-Forestry program until completing the Pre-Forestry curriculum satisfactorily. Grades of C or better and a minimum GPA of 2.25 are required in all courses that are part of the Pre-Forestry curriculum. Pre-Forestry students will apply for admission to Pro-School to gain access to the junior/senior level courses. Application commonly takes place at the end of the sophomore year.

Field School:

Field School is an intensive two-week hands-on experience that prepares students for Pro-School. It is required of all students entering Pro-School and takes place during the two weeks prior to the start of the junior year.

Forest Landscape Processes and Management Option (FLPMO)

The Forest Landscape Processes and Management Option emphasizes active management to accommodate, to prevent, to mitigate and/or to use forest disturbance processes as part of a forest management plan. Disturbance processes, such as wildfire, insect or disease outbreak, landslides, and windthrow, are important considerations in any actively managed forest, regardless of the specific management objective. In forests managed primarily for wood production, where the predominant disturbance is harvest, “natural” disturbance may pose risk of damage to timber values and disturbance management is primarily preventative. Where management objectives include recreation, biodiversity, restoration to historical conditions, or other ecosystem services, these disturbances may have beneficial outcomes; hence, management may include use of disturbance as a management tool or simply as part of a renewal process in a resilient and diverse forested landscape.

The Forest Landscape Processes and Management option is intended to provide students with the knowledge and the skillset to incorporate natural processes, including disturbance, explicitly into forest management planning, whether it be to prevent or mitigate damage resulting from disturbance or to use disturbance processes purposefully to achieve management objectives. This knowledge / skillset is particularly important for managing forests at the landscape scale and in the face of uncertainty and rapid change (e.g. in climate or in land use patterns). It will complement the existing degree options in ways that will expand the set of potential employers for graduates from the B.S. Forestry degree program.

Note: The following courses fulfill requirements for the major. Students must also complete OSU's Baccalaureate Core to earn a degree. Major requirements that also fulfill a Baccalaureate Core requirement are marked with an asterisk ().*

Pre-Forestry Courses: First & Second Years (FLPMO)

ATS 210	Intro to Atmospheric Sciences
BI 204*	Introductory Biology I
CH 231 & 261*	General Chemistry I & Lab
COMM 111* or COMM 114*	Public Speaking or Argument & Critical Discourse
ECON 201* or AEC 250*	Intro to Microeconomics or Intro to Environmental Economics & Policy
FE 208	Forest Surveying
FE 209	Forest Photogrammetry
FE 257	GIS and Forest Engineering Applications
FES 240*	Forest Biology
FES 241	Dendrology
FOR 206* or SOIL 206* & FOR 208	Soil Science Lab or Soil Science Lab & Forest Soils Recitation
FOR 111 or NR 201	Intro to Forestry or Managing Natural Resources for the Future
FOR 112	Computing Applications in Forestry
MTH 111*	College Algebra
MTH 112*	Elementary Functions
MTH 241*	Calculus for Management & Social Science
PH 201*	Principles of Physics I
SOIL 205*	Soil Science
ST 201	Principles of Statistics
WR 121*	English Composition
WR 327* or WR 362*	Technical Writing or Science Writing

Professional Program: Third & Fourth Years (FLPMO)

FE 370	Harvesting Processes
FE 434	Watershed Management
FE 435	Forest Watershed Management Impacts
FES 341	Forest Ecology
FES 360 or ANS/FES/FW/SOC 485*	Collaboration and Conflict Management or Consensus and Natural Resources
FES 412	Forest Entomology
FES 413	Forest Pathology
FOR 307	Forestry Junior Seminar
FOR 312	Field School
FOR 321	Forest Mensuration
FOR 322	Forest Models
FOR 330	Forest Resource Economics I
FOR 331	Forest Resource Economics II
FOR 431	Economics and Policy of Forest Wildland Fire
FOR 436	Wildland Fire Science and Management
FOR 442	Silviculture Reforestation
FOR 443	Silvicultural Practices
FOR 446	Wildland Fire Ecology
FOR 456*	International Forestry
FOR 457	Techniques for Forest Resource Analysis
FOR 459	Forest Management Planning & Design I
FOR 469	Forest Management Planning & Design II
FOR 460* or FE 460*	Forest Policy or Forest Operations Regulations and Policy Issues
Additional 8 Credits	Upper-division technical electives in Forestry

Forest Management Option (FM)

The Forest Management Option is a broad-based education, including basic courses in mathematics, statistics, biology and ecology, the physical and social sciences, professional courses in forest biology and ecology and forest management, and at least 6 months of work experience. Entry-level positions for graduates can include duties that span the full range of forest resource uses and management activities, including: fire control and prevention, watershed protection, wildlife habitat management, forest roads and trails, timber management and regeneration, forest health assessment and insect/disease control measures, community-based forestry, ecosystem services markets and carbon offset sales, and management consulting. Graduates are employed by private and public organizations. Private sector employers include the forest timber and wood products industries, forestry consulting firms, Non-Government Organizations (NGOs) and environmental organizations, and self-employment. Public employers include federal, state, and local government agencies such as the U.S. Forest Service, Bureau of Land Management, National Park Service, Peace Corps, and state departments of forestry and natural resources.

Note: The following courses fulfill requirements for the major. Students must also complete OSU's Baccalaureate Core to earn a degree. Major requirements that also fulfill a Baccalaureate Core requirement are marked with an asterisk ().*

Pre-Forestry Courses: First & Second Years (FM)

BI 204*	Introductory Biology I
CH 231 & 261*	General Chemistry I & Lab
COMM 111* or COMM 114*	Public Speaking or Argument & Critical Discourse
ECON 201* or AEC 250*	Intro to Microeconomics or Intro to Environmental Economics & Policy
FE 208	Forest Surveying
FE 209	Forest Photogrammetry
FE 257	GIS and Forest Engineering Applications
FES 240*	Forest Biology
FES 241	Dendrology
FES 251	Recreation Resource Management
FOR 111 or NR 201	Intro to Forestry or Managing Natural Resources for the Future
FOR 112	Computing Applications in Forestry
MTH 111*	College Algebra
MTH 112*	Elementary Functions
MTH 241*	Calculus for Management & Social Science
PH 201*	Principles of Physics I
SOIL 205*	Soil Science
FOR 206* or SOIL 206* & FOR 208	Soil Science Lab or Soil Science Lab & Forest Soils Recitation
ST 201	Principles of Statistics
WR 121*	English Composition
WR 327* or WR 326*	Technical Writing or Science Writing

Professional Program: Third & Fourth Years (FM)

FE 370	Harvesting Processes
FE 434	Watershed Management
FES 341	Forest Ecology
FES 355	Management for Multiple Resource Values
FES 412	Forest Entomology
FES 413	Forest Pathology
FES 452	Biodiversity Conservation in Managed Forests
FOR 307	Forestry Junior Seminar
FOR 312	Field School
FOR 321	Forest Mensuration
FOR 322	Forest Models
FOR 330	Forest Resource Economics I
FOR 331	Forest Resource Economics II
FOR 442	Silviculture Reforestation
FOR 443	Silvicultural Practices
FOR 456*	International Forestry
FOR 457	Techniques for Forest Resource Analysis
FOR 459	Forest Management Planning & Design I
FOR 469	Forest Management Planning & Design II
FOR 460* or FE 460*	Forest Policy or Forest Operations Regulations and Policy Issues
Additional 15 Credits	Upper-division technical electives in Forestry

Forest Operations Management Option (FOM)

The Forest Operations Management Option is designed as a professional forestry degree that blends elements of forest engineering and forest management with business management and entrepreneurship. This option will prepare graduates to support the needs of an evolving forest sector in Oregon and the world. As they gain experience, graduates will have options to serve as project managers for logging or silvicultural contracting service firms, as consultants, or as company or agency contract administrators that supervise a growing contracting work force. Graduates will also be prepared to continue on to graduate school in a variety of disciplines that range from natural resources to business.

The educational objectives of the Forest Operations Management Option are to develop science, engineering and technical solutions that promote sustainable management of forest, land and water resources to meet society's economic, environmental and social needs. This option is intended for students who have strong interest in the operational aspects of industrial forest management. More specifically, students who wish to own or manage a contracting business that provides silviculture, harvesting, or transportation system services to larger companies or agencies, or be employed by companies or agencies to administer contracts and manage operations, much like project managers do in the construction business.

This option meets all of the coursework requirements for the Business and Entrepreneurship minor from the College of Business. Student in the Forest Operations Management Option must apply to the College of Business to be admitted to the Business and Entrepreneurship Minor.

Note: The following courses fulfill requirements for the major. Students must also complete OSU's Baccalaureate Core to earn a degree. Major requirements that also fulfill a Baccalaureate Core requirement are marked with an asterisk ().*

Pre-Forestry Courses: First & Second Years (FOM)

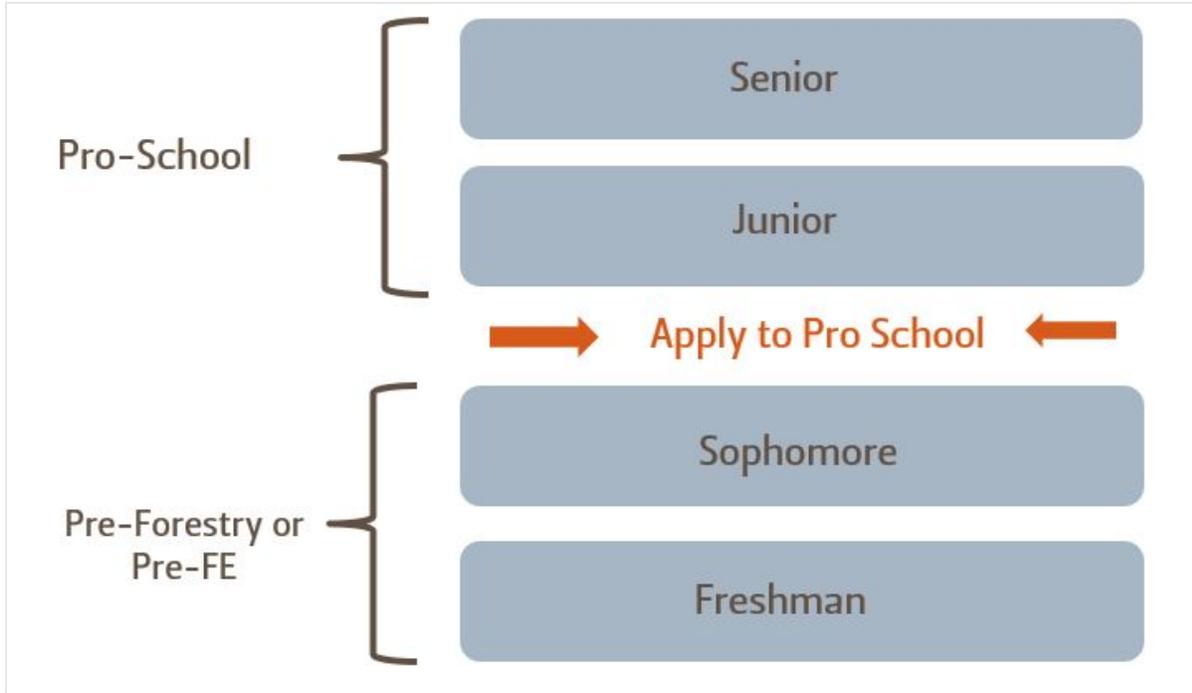
BA 211	Financial Accounting
BA 213	Managerial Accounting
BA 230	Business Law
BA 260	Introduction to Entrepreneurship
BI 204*	Introductory Biology I
CH 231 & 261*	General Chemistry I & Lab
COMM 111* or COMM 114*	Public Speaking or Argument & Critical Discourse
ECON 201* or AEC 250*	Intro to Microeconomics or Intro to Environmental Economics & Policy
FE 208	Forest Surveying
FE 209	Forest Photogrammetry
FE 257	GIS and Forest Engineering Applications
FES 240*	Forest Biology
FES 241	Dendrology
FOR 111 or NR 201	Intro to Forestry or Managing Natural Resources for the Future
FOR 112	Computing Applications in Forestry
MTH 111*	College Algebra
MTH 112*	Elementary Functions
MTH 241*	Calculus for Management & Social Science
PH 201*	Principles of Physics I
SOIL 205*	Soil Science
FOR 206* or SOIL 206* & FOR 208	Soil Science Lab or Soil Science Lab & Forest Soils Recitation
ST 201	Principles of Statistics
WR 121*	English Composition
WR 327* or WR 362*	Technical Writing or Science Writing

Professional Program: Third & Fourth Years (FOM)

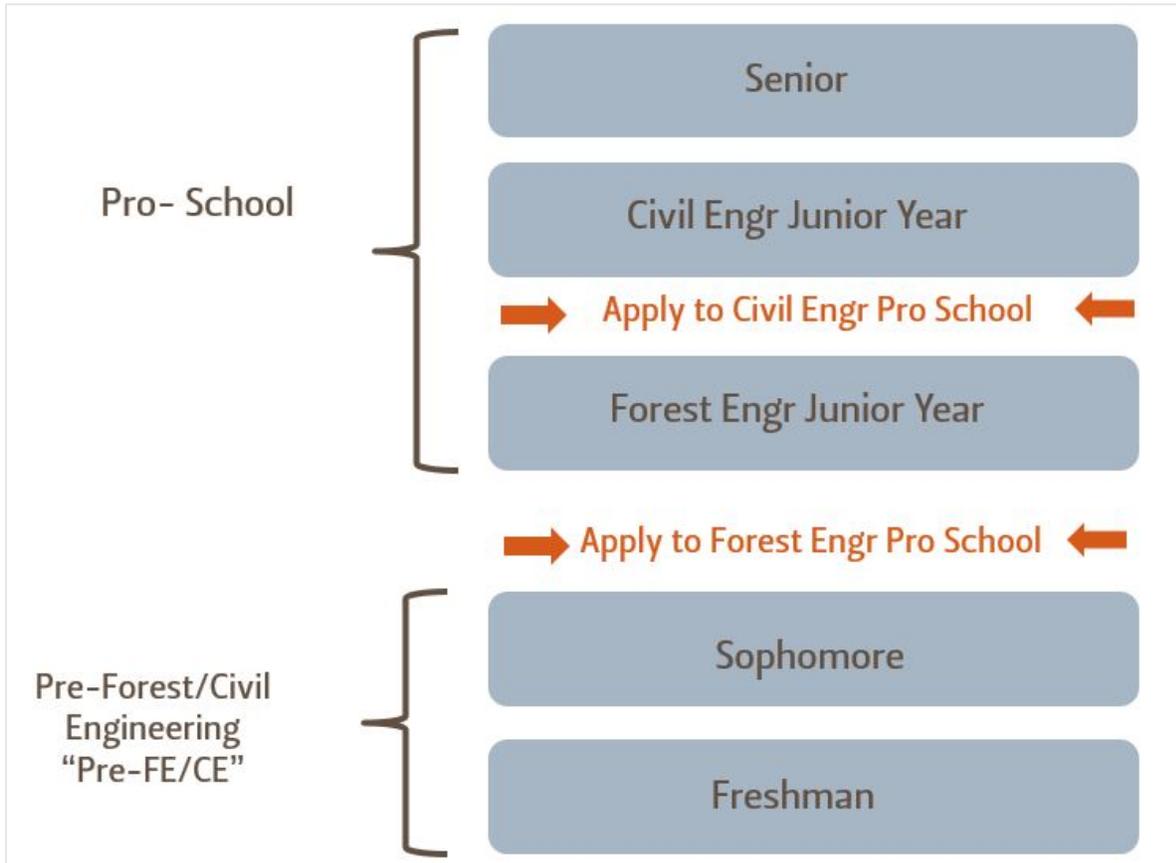
BA 351	Managing Organizations
BA 460	Venture Management
BA 390	Marketing
FE 370	Harvesting Processes
FE 434	Watershed Management
FE 440	Forest Operations Analysis
FE 471	Harvesting Management
FOR 307	Forestry Junior Seminar
FOR 312	Field School
FOR 456*	International Forestry
FOR 321	Forest Mensuration
FOR 330	Forest Resource Economics I
FOR 331	Forest Resource Economics II
FOR 442	Silviculture Regeneration
FOR 443	Silvicultural Practices
FOR 457	Techniques for Forest Resource Analysis
FOR 459	Forest Management Planning & Design I
FOR 469	Forest Management Planning & Design II
FOR 460* or FE 460*	Forest Policy or Forest Operations Regulations and Policy Issues

Professional Program or "Pro-School"

Forestry and Forest Engineering Majors:



Forest/Civil Engineering Majors:



Program Overview: Natural Resources

Maintaining the integrity of the Earth's ecosystems is a key challenge of the 21st century. Increasing human population continues to place greater demands on our natural resources. Students in the Natural Resources program at Oregon State University gain an understanding of complex



biophysical, social, and cultural systems shaping natural resource management. The Natural Resources program is an interdisciplinary degree. The degree emphasizes a broad-based approach to the study of natural resources, providing students the opportunity to combine areas of particular interest and focus on topics not otherwise offered at the undergraduate level.

With this degree program students will:

- study an interdisciplinary curriculum based in agricultural sciences, forestry, liberal arts, and science.
- learn about the social and political components of resource management.
- begin preparation for a career in agroforestry, forest ecosystem science, natural resource planning, human dimensions, natural resource policy, watershed management, analysis of complex environmental problems, or other natural resources professions.

Recent program graduates are working as natural resource specialists and planners with state and federal agencies, attending law school, training/working as teachers in K-12 education, and pursuing graduate degrees in a variety of disciplines.

Natural Resources Curriculum

The Bachelor of Science in Natural Resources curriculum consists of three blocks of study.

- Core: Foundational courses that will give you a solid background in sciences, math, and policy. Minimum GPA for this block is 2.0.
- Breadth: Upper division courses that will broaden your knowledge of the field of Natural Resources. Minimum GPA for this block is 2.0.
- Specialty Option: Focused areas of study that will tailor your degree to your career interests and goals. Minimum GPA for this block is 2.25.

Note: The following courses fulfill requirements for the major. Students must also complete OSU's Baccalaureate Core to earn a degree. Major requirements that also fulfill a Baccalaureate Core requirement are marked with an asterisk ().*

Natural Resources Core Categories (complete one course for each category):

Animal ID	FW 312. Systematics of Birds FW 316. Systematics of Fishes FW 318. Systematics of Mammals Z 477. Aquatic Entomology
Atmospheric Science	ATS 201. Climate Science ATS 210. Introduction to the Atmospheric Sciences ATS 320. *The Changing Climate GEO 323. *Climatology
Biology I	BI 204* (or BI 101 or BI 211)
Biology II	BI 205* (or BI 102 or BI 212)
Biology III	BI 206* (or BI 103 or BI 213)
Chemistry	CH 121 or CH 231* and CH 261*
Communications	COMM 321. Introduction to Communication Theory COMM 328. Nonverbal Communication COMM 385. Communication and Culture in Cyberspace COMM 440. Theories of Conflict and Conflict Management COMM 442. Bargaining and Negotiation Processes FES 485. *Consensus and Natural Resources FES 493. Environmental Interpretation
Earth Science	GEO 101. *The Solid Earth GEO 102. *The Surface of the Earth GEOG 102. *Physical Geography GEO 201. *Physical Geology GEO 202. *Earth Systems Science GEO 221. *Environmental Geology
Environmental Assessment and Planning	FES/FW 445. Ecological Restoration FW 435. *Wildlife in Agricultural Ecosystems GEO 423/GEOG 450. Land Use in the American West PS 449. *Topics in Comparative Politics PS 477. International Environmental Politics and Policy RNG 421. Wildland Restoration and Ecology RNG 490. Rangeland Management Planning SUS 304. *Sustainability Assessment SUS 350. *Sustainable Communities
General Ecology	BI 306. *Environmental Ecology BI 370. Ecology BOT 341. Plant Ecology FES 240. *Forest Biology FES 341. Forest Ecology
GIS	FE 257. GIS and Forest Engineering Applications FOR 421. Spatial Analysis of Forested Landscapes FW 303. Survey of Geographic Information Systems in Natural Resource GEO 365. Introduction to Geographic Information Systems GEO/GEOG 465. Geographic Information Systems and Science HORT 414. Information Systems in Agriculture
Managing Natural Resources for the Future	NR 201. Managing Natural Resources for the Future or Seminars—Natural Resources

Natural Resources Core Categories (continued):

Mathematics	MTH 112. *Elementary Functions MTH 241. *Calculus for Management and Social Science MTH 245. *Mathematics for Management, Life, and Social Sciences MTH 251. *Differential Calculus
Biological/Physical Science Measurements <i>(choose a course from Bio/Phys Science OR Social Science Measurements)</i>	BI 371. *Ecological Methods BOT 440. Field Methods in Plant Ecology FE 208. Forest Surveying FOR 321. Forest Mensuration FW 255. Field Sampling of Fish and Wildlife GEO 451/GEOG 452. Environmental Site Planning RNG 441. Rangeland Analysis
Social Science or Measurements	FES 422. Research Methods in Social Science HDFS 361. Applied Research Methods SOC 418. Qualitative Research Methods
Natural Resource Decision Making	NR 455. Natural Resource Decision Making
Natural Resource Policy	AEC 454. Rural Development Economics and Policy FOR 460. *Forest Policy FOR 462. Natural Resource Policy and Law GEO335/GEOG 340/SOIL 335. *Introduction to Water Science and Policy PS 475. Environmental Politics and Policy PS 477. International Environmental Politics and Policy
Resource Economics	AEC/AREC 351. *Natural Resource Economics and Policy AEC/AREC/ECON 352. *Environmental Economics and Policy AEC 454. Rural Development Economics and Policy FES 432. Economics of Recreation Resources FOR 330. Forest Resource Economics I
Society & Natural Resources	ANTH 110. *Introduction to Cultural Anthropology FES 251. Recreation Resource Management FES 355. Management for Multiple Resource Values GEO 204/ GEOG 240. *Climate Change, Weather, and Society
Soil Science	CSS 205. *Soil Science or CSS 305. Principles of Soil Science or SOIL 205. *Soil Science and FOR 206. *Forest Soils Lab for SOIL 205 or SOIL 206. *Soil Science Laboratory for SOIL 205
Statistics	ST 201. Principles of Statistics ST 351. Introduction to Statistical Methods
Vegetation ID	BOT 321. Plant Systematics BOT 414. Agrostology BOT 425. Flora of the Pacific Northwest FES 241. Dendrology HORT 226. Landscape Plant Materials I: Deciduous Hardwoods and Conifers HORT 228. Landscape Plant Materials II: Spring Flowering Trees and Shrubs RNG 353. Wildland Plant Identification
Water Science	FE 430. Watershed Processes FW 326. Integrated Watershed Management OC 201. *Oceanography OC 332. Coastal Oceanography RNG 355. Desert Watershed Management

Natural Resources Breadth Categories (complete one course for each category):

Fish & Wildlife	<p>FES/FW 445. Ecological Restoration FES/FW 452. Biodiversity Conservation in Managed Forests FOR/FW/RNG 346. Topics in Wildland Fire FOR/FW/RNG 446. Wildland Fire Ecology FW 311. Ornithology FW 315. Ichthyology FW 317. Mammalogy FW 320. Introductory Population Dynamics FW 321. Applied Community and Ecosystem Ecology FW 323. Management Principles of Pacific Salmon in the Northwest FW 350. *Endangered Species, Society and Sustainability FW 426. Coastal Ecology and Resource Management FW 427. Principles of Wildlife Diseases FW 435. *Wildlife in Agricultural Ecosystems FW 451. Avian Conservation and Management FW 454. *Fishery Biology FW 458. Mammal Conservation and Management FW 465. Marine Fisheries FW 473. Fish Ecology FW 481. Wildlife Ecology</p>
Forestry	<p>BOT/FES 415. Forest Insect and Disease Management FE 370. Harvesting Operations FE/FOR 456. *International Forestry FE/FOR 457. Techniques for Forest Resource Analysis FES 341. Forest Ecology FES 342. Forest Types of the Northwest FES/HORT 350. Urban Forestry FES 412. Forest Entomology FES 413. Forest Pathology FES/FW 445. Ecological Restoration FES/FW 452. Biodiversity Conservation in Managed Forests FES/NR/RNG 477. *Agroforestry FOR/FW/RNG 346. Topics in Wildland Fire FOR/RNG 436. Wildland Fire Science and Management FOR 441. Silviculture Principles FOR/FW/RNG 446. Wildland Fire Ecology FOR 460. ^Forest Policy WSE 470. *Forests, Wood, and Civilization</p>
Land & Water	<p>CSS/SOIL 395. *World Soil Resources FE 430. Watershed Processes FW 456. Limnology FW 479. Wetlands and Riparian Ecology GEO 306. *Minerals, Energy, Water, and the Environment GEO 307. *National Park Geology and Preservation GEO 308. *Global Change and Earth Sciences GEO 335/GEOG 340/SOIL 335. *Introduction to Water Science and Policy GEO 424/GEOG 440. International Water Resources Management GEO 425/GEOG 441. Water Resources Management in the United States RNG 355. Desert Watershed Management RNG 455. Riparian Ecology and Management SOIL 466. Soil Morphology and Classification</p>

Natural Resources Breadth Categories (continued):

Political Dimensions	<p>AEC/AEC 432. Environmental Law ANS/FES/FW/SOC 485. *Consensus and Natural Resources BI 301. *Human Impacts on Ecosystems FES 351. Recreation Behavior and Management FES 352. Wilderness Management FES 365. *Issues in Natural Resources Conservation FES 454. Managing at the Wildland-Urban Interface FOR 462. Natural Resource Policy and Law FW 325. *Global Crises in Resource Ecology FW 350. *Endangered Species, Society and Sustainability GEO 300. *Sustainability for the Common Good GEO 335/SOIL 335. *Introduction to Water Science and Policy GEO 423/GEOG 450. Land Use in the American West HST 481. *Environmental History of the United States PS 449. *Topics in Comparative Politics PS 455. Politics of Climate Change PS 475. Environmental Politics and Policy PS 476. *Science and Politics PS 477. International Environmental Politics and Policy</p>
Range	<p>FES/FW 445. Ecological Restoration FES/NR/RNG 477. *Agroforestry FOR/FW/RNG 346. Topics in Wildland Fire FOR/RNG 436. Wildland Fire Science and Management FOR/FW/RNG 446. Wildland Fire Ecology RNG 341. Rangeland Ecology and Management RNG 351. Range Ecology I-Grasslands RNG 352. Range Ecology II-Shrublands RNG 421. Wildland Restoration and Ecology RNG 441. Rangeland Analysis RNG 442. Rangeland-Animal Relations RNG 490. Rangeland Management Planning</p>
Resource Values/ Philosophy	<p>AG 301. *Ecosystem Science of Pacific NW Indians ANTH 477. Ecological Anthropology ANTH 481. *Natural Resources and Community Values ANTH 482. *Anthropology of International Development FW 340. *Multicultural Perspectives in Natural Resources GEO 309. *Environmental Justice GEO 420. Geography of Resource Use GEOG 430. Resilience-Based Natural Resource Management HST 481. *Environmental History of the United States PHL 440. Environmental Ethics PHL 443. *World Views and Environmental Values</p>

Natural Resources Breadth Categories (continued):

Social Issues	ANS/FES/FW/SOC 485. *Consensus and Natural Resources ANTH 330. *Evolution of People, Technology, and Society FES 351. Recreation Behavior and Management FES 352. Wilderness Management FES 353. Nature, Eco, and Adventure Tourism FES 493. Environmental Interpretation SOC 360. *Population Trends and Policy SOC 381. Social Dimensions of Sustainability SOC 424. Social Psychology SOC 454. *Leisure and Culture SOC 456. *Science and Technology in Social Context SOC 475. Rural Sociology SOC 480. *Environmental Sociology SOC 481. *Society and Natural Resources
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Natural Resources Options:

Students must choose one option, a focused area of study tailoring the degree to your career interests and goals. More information about the options is available online:

www.forestry.oregonstate.edu/academic-programs/undergraduates/what-will-you-learn-natural-resources

Options are:

- Arid Land Ecology
Managing natural resources in the arid lands of western North America

- Ecological Restoration
Understanding the complexities associated with restoration of terrestrial and aquatic ecosystems, and how restoration decisions involve significant interactions between ecological and social systems.

- Fish and Wildlife Conservation (also available via Ecampus)
Preparation for a career in the broad arena of natural resource and wildlife conservation, with an emphasis on understanding of the relationship between animal species and their habitat requirements and the ability to apply this knowledge to the management of ecosystems as a means of conserving fish and wildlife.

- Forest Ecosystems
Covers the nature of forest ecosystems and the processes by which they function. Course work includes an understanding of the multiple resources and values associated with forest ecosystems and some of the techniques involved in managing them.

- Human Dimensions in Natural Resources (also available via Ecampus)
The interconnectedness of human behavior and natural resource issues. Includes skills and knowledge to better understand the cultural, social, and philosophical issues associated with natural resources.

- Landscape Analysis (also available via Ecampus)
Work with Geographic Information Science (GIScience) technology in a Natural Resource field such as wild fire ecology, land use planning, ecological restoration, and more. The pairing of the technical skills of GIScience with a disciplinary knowledge in a Natural Resource area will prepare students for the practical application of technical skills in the real world. In addition, this specialization option will allow students to earn the GIScience Undergraduate Certificate through the College of Earth, Ocean and Atmospheric Sciences concurrently with their B.S. degree

- Law Enforcement in Natural Resources
Develop skills and knowledge necessary to practice natural resource law enforcement. Though not required, students are encouraged to attend an approved law enforcement training program.

- Natural Resource Education
Careers as educators within the broad field of natural resources, and learning to bridge the gap in knowledge that exists between experts and others. The focus is on youth or community education that occurs outside of formal school settings. Those interested in becoming K–12 teachers should explore options offered by the College of Education, including their Education Double Degree.
- Natural Resource Policy and Management (also available via Ecampus)
This option will prepare students for careers in the broad arena of natural resource and environmental conservation, with an emphasis on the social and political aspect of resource issues.
- Recreation and Tourism Management
Careers managing people and natural resource areas to provide high quality recreation and tourism opportunities.
- Resource Conservation
Careers in natural resources and conservation. It is offered on the Corvallis campus and is designed for transfer students from the Forest Technology program at Central Oregon Community College. The option may be modified to provide appropriate transfer of courses from other community colleges with forest technology academic programs.
- Sustainable Agroforestry
Design and manage integrated sustainable land management systems involving co-production of woody plants and agricultural plants and animals.
- Urban Forest Landscapes (also available via Ecampus)
Understanding the complexities surrounding the culture and management of urban forest ecosystems. It includes an examination of the economic, social, and environmental benefits and values of trees in urban areas, and the relationship between people and trees.
- Watershed Management (also available via Ecampus)
Natural water systems and water quality, specifically management of surface water in forest and rangeland ecosystems.
- Wildland Fire Ecology
Understanding the nature of fire in wildland ecosystems, including the dynamics of fire behavior and post fire response.
- Individualized Specialty Option (also available via Ecampus)
Designed in consultation with an Academic Advisor

Program Overview: Recreation Resource Management

The Bachelor of Science in Recreation Resource Management prepares students to meet the challenges of providing quality recreation opportunities while maintaining the ecological integrity of natural resources. The curriculum produces students proficient in recreation behavior, recreation planning and management, environmental interpretation, wilderness management, resource economics, communication, and resource analysis and policy. The curriculum provides a solid mix of physical and social sciences, resource management (including wildlife, range, and forestry), and quantitative methods.



Cherl Graves, Recreation Resource Management

Completion of an approved option or minor is required for the Recreation Resource Management degree. Declaration of the option or minor should be done by the end of the sophomore year. Courses for an option or minor are in addition to the core curriculum. Some courses may require prerequisites not included in the core curriculum.

Currently approved minors include Business & Entrepreneurship, Fisheries & Wildlife, Forestry, Horticulture, Leadership, Natural Resources, Philosophy, Rangeland Ecology & Management, Resource Economics, Soil Science, and the GIS Certificate.

Courses required for an option may not count toward a minor. Students may not take an option and a minor from the same field of study.

Students may work with an academic advisor to develop an individualized option (though an individualized option is not transcript visible).

Note: The following courses fulfill requirements for the major. Students must also complete OSU's Baccalaureate Core to earn a degree. Major requirements that also fulfill a Baccalaureate Core requirement are marked with an asterisk ().*

Recreation Resource Management Core Curriculum – one course per category

COMM 111* or COMM 114* or COMM 218*	Public Speaking Argument & Critical Discourse Interpersonal Communication
AEC 250* or ECON 201*	Environmental Economics Principles of Microeconomics
FOR 111 or NR 201	Introduction to Forestry or Managing Natural Resources for the Future
FOR 112	Introduction to Computer Applications in Forestry
FES 251	Recreation Resource Management
MTH 245*	Mathematics for Management, Life, and Social Sciences
FE 257 or GEO 365	GIS and Forest Engineering Applications Introduction to Geographic Information Systems
FES 240*	Forest Biology
FES 241	Dendrology
ST 201 or ST 351	Principles of Statistics Introduction to Statistical Methods
AEC 351 or AEC 352 FOR 330	Natural Resources Economics & Policy Environmental Economics & Policy Forest Resource Economics 1
FES 351	Recreation Behavior and Management
FES 352	Wilderness Management
FES 353	Nature, Eco, and Adventure Tourism
FES 354	Communities, Natural Areas, and Sustainable Tourism
FES 356	Recreation Resource Planning
FES 422	Research Methods in Social Science
FES 432	Economics of Recreation Resources
FES 456 or FES 457	Planning for Sustainable Recreation or Planning for Sustainable Tourism
FES 493	Environmental Interpretation
FOR 441 or FES 452	Silviculture Principles Biodiversity Conservation in Managed Forests
FOR 460	Forest Policy

Recreation Resource Management Blocks – Choose one course from each block

<p>Communications & Negotiations</p>	<p>COMM 211. Communicating Online COMM 316. Advanced Persuasion COMM 322. Small-Group Problem Solving COMM 324. Communication in Organizations COMM 326. Intercultural Communication COMM 328. Nonverbal Communication COMM 432. Gender and Communication COMM 440. Theories of Conflict and Conflict Management COMM 442. Bargaining and Negotiation Processes FES 485. Consensus and Natural Resources</p>
<p>Natural Resources Systems</p>	<p>CSS 205. *Soil Science or SOIL 205. *Soil Science and SOIL 206 Soil Science Lab FE 430. Watershed Processes FES 452. Biodiversity Conservation in Managed Forests FOR 441. Silviculture Principles FOR/RNG 436. Wildland Fire Science and Management FOR/FW/RNG 446. Wildland Fire Ecology FW 251. Principles of Fish and Wildlife Conservation FW 479. Wetlands and Riparian Ecology GEO 307. *National Park Geology and Preservation GEO 420/GEOG 431. Geography of Resource Use RNG 341. Rangeland Ecology and Management RNG 355. Desert Watershed Management RNG 421. Wildland Restoration and Ecology RNG 455. Riparian Ecology and Management</p>
<p>Research/Analytical Techniques</p>	<p>ANTH 371. Research Methods in Cultural Anthropology ANTH 422. Historic Materials Analysis ANTH 430. Topics in Archaeology ANTH 490. Topics in Methodology ANTH 492. Archaeological Laboratory Methods COMM 414. Communication Research Methods ES 453. *Ethnohistory Methodology FES/FW 445. Ecological Restoration FOR 457. Techniques for Forest Resource Analysis FW 426. Coastal Ecology and Resource Management (<i>HMSC campus</i>) GEO 350 *Population Geography GEO 444. Remote Sensing GEO/GEOG 465. Geographic Information Systems and Science GEOG 480. Remote Sensing I: Principles and Applications H 490. *Systems Thinking and Practice HSTS 419. *^Studies in Scientific Controversy: Methods and Practices NR 312. Critical Thinking for Natural Resource Challenges PSY 301. Research Methods in Psychology SOC 418. Quantitative Research Methods ST 351. Introduction to Statistical Methods ST 411. Methods of Data Analysis SUS 304. Sustainability Assessment</p>

Recreation Resource Management Blocks (continued):

Social Science & Policy	<p>AEC 253. *Environmental Law, Policy, and Economics AEC 432. Environmental Law AG 301. *Ecosystem Science of Pacific NW Indians ANS/FES/FW/SOC 485. *Consensus and Natural Resources (<i>Ecampus only</i>) ANTH 435. Cultural Resources: Policy and Procedures ANTH 477. Ecological Anthropology ANTH 478. Anthropology of Tourism ANTH 481. *Natural Resources and Community Values ES 444. Native American Law: Tribes, Treaties, and the United States FES/NR/RNG 477. *Agroforestry FOR 462. Natural Resource Policy and Law FW 340. *Multicultural Perspectives in Natural Resources FW 350. *Endangered Species, Society and Sustainability FW 421. Aquatic Biological Invasions (<i>HMSC campus</i>) GEO 335/GEOG 340. *Introduction to Water Science and Policy PS 475. Environmental Politics and Policy (<i>Ecampus only</i>) PS 477. International Environmental Politics and Policy SOC 454. *Leisure and Culture SOC 475. Rural Sociology SOC 480. *Environmental Sociology SOC 481. *Society and Natural Resources WGSS 450. Ecofeminism</p>
Technical/Field Skills	<p>ANTH 430. Topics in Archaeology (<i>topics must be pre-approved</i>) ANTH 497. Archaeological Field Methods COMM 280. Media Communication in the Information Age CS 195. Website Design FE 208. Forest Surveying FE 257. GIS and Forest Engineering Applications FW 255. Field Sampling of Fish and Wildlife FW 426. Coastal Ecology and Resource Management (<i>HMSC campus</i>) GEO 301. Map and Image Interpretation GEO 352. *Oregon: Geology, Place, and Life on the Ring of Fire GEO 360. Cartography GEO 444. Remote Sensing GEO/GEOG 465. Geographic Information Systems and Science GEOG 201. Intro to Geospatial Science and GIS GEOG 370. Geovisualization I: Principles of Cartography GEOG 480. Remote Sensing I: Principles and Applications</p>

Recreation Resource Management Options:

Students must choose one option or a minor, a focused area of study tailoring the degree to your career interests and goals. More information about the options is available online:

forestry.oregonstate.edu/academic-programs/undergraduates/what-will-you-learn-recreation-resource-management

Options are:

- Cultural Resource Management
- Environmental Resource Interpretation
- Law Enforcement
- Park Landscapes
- Public Policy
- Resource Planning
- Individualized Specialty Option – designed in consultation with an Academic Advisor

Program Overview: Renewable Materials



*Alicia Crateau,
Renewable Materials*

The sustainable economy of your future relies heavily on the use of natural materials for the products we use, the buildings we live in and the energy we consume. You will help design this sustainable future by studying the science, business, manufacturing, and design of renewable materials. Renewable materials are quite diverse—including wood, bamboo, straw, hemp, cane, giant grasses, palm and many other plant-based materials. Sustainability and efficiently meeting the demand for products and energy made from these materials requires innovative scientists, engineers, and business people who want to make a difference.

A Bachelor of Science degree in Renewable Materials requires command of a broad range of technical, science, business, and design skills. The curriculum (which is accredited by Society of Wood Science & Technology – SWST) is under continuous review and revision to ensure that content and learning objectives are

synchronized with both employer expectations and advancements in technology and science.

The program's educational goals are:

- 1) Prepare students to be both environmentally conscious and economically successful by using renewable materials to meet society's needs and solve important problems.
- 2) Equip students with professional skills and knowledge to use renewable materials to make positive contributions in a world that's rapidly becoming more complicated and challenging.
- 3) Equip students to work with, and in, diverse groups of professionals on a global scale.
- 4) Inform students how to start new businesses and develop new products based on renewable materials.
- 5) Equip students with a set of skills and tools for personal development and life-long learning for a successful career in the globalized economy.

With a degree in Renewable Materials you can pursue diverse and flexible career paths where you might develop new products/services, market those products/services, manage high-tech production operations, or design new and innovative products or art. Most people will change employers several times and be expected to shoulder many different responsibilities over the course of their professional lives. After successfully completing the RM curriculum, you will possess a firm foundation of skills and knowledge on which to build your career.

Renewable Materials students complete the RM Core Courses as well as the course required for one of these options:

- Art & Design
- Marketing & Management
- Science & Engineering

Area of Concentration- All RM students are required to complete a customized Area of Concentration. This flexible block of credits is intended to give you a set of knowledge and skills particular to your interests and aptitude. Area of Concentration proposals are initiated and submitted by each student, usually during the sophomore year with academic advisor assistance, for departmental approval and addition to their required academic program. Your advisor can provide examples and more details.

Note: The following courses fulfill requirements for the major. Students must also complete OSU's Baccalaureate Core to earn a degree. Major requirements that also fulfill a Baccalaureate Core requirement are marked with an asterisk ().*

Renewable Materials Core: Required of all RM students

CH 121	General Chemistry I
CH 122*	General Chemistry II
COMM 111* or COMM 114*	Public Speaking or Argument & Critical Discourse
FOR 112	Computer Applications in Forestry
ST 351	Introduction to Statistical Methods I
ST 352	Introduction to Statistical Methods I
WR 121*	English Composition
WR 214* or WR 327*	Writing for Business Technical Writing
WSE 111	Renewable Materials for a Green Planet
WSE 210*	Renewable Materials Technology and Utilization
WSE 321	Chemistry or Renewable Materials
WSE 322	Physical and Mechanical Properties of Renewable Materials
WSE 324	Renewable Materials Laboratory
WSE 415*	Renewable Materials in the Modern Age
WSE 455	Marketing and Innovation in Renewable Materials
WSE 465	Renewable Materials Manufacturing Experience

Art & Design Option

The Art & Design option prepares students to engage with renewable materials on an aesthetic level, whether as interior designers, fine artists, or entrepreneurs. Students will gain not only an in-depth knowledge of renewable materials, but also how these materials can function visually within the human space. In addition to the aesthetic aspect, students will gain an understanding of green building materials and green architecture. Students with the Art & Design option may also earn a visual arts minor by completing 31 credits of applicable course work.

Art & Design Option Courses:

ART 115	Foundations: 2-D
ART 117	Foundations: 3-D
ART 121	Foundations: Computers in Visual Arts
ART 131	Foundations: Drawing
ART 206*	Intro to Art History – Western
ART 234	Drawing II/ Figure
ART 263	Digital Photography
ART 291	Sculpture I
ART 331	Drawing Concepts
MTH 111*	College Algebra
MTH 245*	Mathematics for Management, Life, and Social Sciences
WSE 266*	Industrial Hemp
WSE 392*	Bambooolooza
WSE 414*^	Art and Design Capstone
WSE 461 or WSE 462	Manufacturing with Renewable Materials I Manufacturing with Renewable Materials II
WSE 471 or WSE 475	Renewable Materials in Building Construction Environmental Assessment of Building Materials
Restricted Electives (Select 12 credits)	ART 204. Intro to Art History – Western ART 205. Intro to Art History – Western ART 208. Intro to Asian Art ART 215. Color in the Visual Arts ART 310. Early Chinese Art and Archaeology ART 311. Late Chinese Art and Culture ART 313. Art of Japan ART 367. History of Design FES 341. Forest Ecology WSE 373. Wood Machining I WSE 374. Wood Machining II WSE 375. Wood Machining III COF Int'l Program: Peru Study Abroad
Area of Concentration	A minimum of 18 approved credits (including 12 upper-division studio credits) selected by the student in consultation with their advisor in order to align with the student's interests and goals.

Marketing & Management Option

The Marketing & Management Option provides students with the skills to manage organizations or devise new marketing strategies to compete in the global renewable materials industry. Students in this option will also earn a Business and Entrepreneurship minor. This option is oriented toward a career in business or management.

Marketing & Management Option Courses:

BA 211	Financial Accounting
BA 213	Managerial Accounting
BA 230	Business Law
BA 260	Introduction to Entrepreneurship
BA 351	Managing Organizations
BA 360	Introduction to Financial Management
BA 390	Marketing
ECON 201*	Introduction to Microeconomics
ECON 202*	Introduction to Macroeconomics
FOR 111	Introduction to Forestry
FES 240*	Forest Biology (or BI 101 or BI 211)
FES 241	Dendrology
MTH 111*	College Algebra
MTH 241*	Calculus for Business & Social Sciences
WSE 453*	Global Trade in Renewable Materials
WSE 461	Manufacturing with Renewable Materials I
WSE 462	Manufacturing with Renewable Materials II
WSE 471	Renewable Materials in Building Construction
WSE 473	Bioenergy and Environmental Impact
Restricted Electives (Select 12 credits)	AREC 352*: Environmental Economics & Policy BA 357: Operations Management BA 458: Innovation and New Product Development BA 460: Venture Management MGMT 364: Project Management MGMT 452: Leadership MRKT 396: Fundamentals of Marketing Research MRKT 497: Global Marketing COF International Programs: Study Abroad (various)
Area of Concentration	A minimum of 12 approved credits (including 8 upper-division credits) selected by the student in consultation with their advisor in order to align with the student's interests and goals.

Science & Engineering Option:

Science & Engineering has a strong technical emphasis with the flexibility to tailor your coursework to earn a minor in a variety of science or technology disciplines. Students work to solve problems, create efficiencies and promote intelligent use of renewable materials. This option is oriented toward a technical career, but also provides exposure to business practices and skills. A high interest and aptitude in math and science is required.

Science & Engineering Option Courses:

BA 215	Fundamentals of Accounting
BA 230	Business Law
CH 123*	General Chemistry III
ECON 201*	Introduction to Microeconomics
ECON 202*	Introduction to Macroeconomics
FOR 111	Introduction to Forestry
FES 240*	Forest Biology (or BI 101 or BI 211)
FES 241	Dendrology
MTH 251*	Differential Calculus
MTH 252	Integral Calculus
MTH 254	Vector Calculus
PH 211*	General Physics with Calculus I
PH 212*	General Physics with Calculus II
PH 213*	General Physics with Calculus III
WSE 453*	Global Trade in Renewable Materials
WSE 461	Manufacturing with Renewable Materials I
WSE 462	Manufacturing with Renewable Materials II
WSE 471	Renewable Materials in Building Construction
WSE 473	Bioenergy and Environmental Impact
Area of Concentration	A minimum of 27 approved credits (including 12 upper-division credits) selected by the student in consultation with their advisor in order to align with the student's interests and goals.

Program Overview: Tourism & Outdoor Leadership



David Berkowitz, Tourism & Outdoor Leadership

Natural resources are increasingly recognized for their potential to contribute to personal well-being through outdoor recreation, and to provide business opportunities in tourism and outdoor leadership. The Bachelor of Science in Tourism and Outdoor Leadership (TOL) provides students with the skills to develop and manage tourism and outdoor programs or enterprises.

The goal of TOL is to give students the conceptual and applied skills to provide high quality visitor experiences and sustain the natural resources where these experiences occur for future generations. The program teaches students, practitioners, and others to excel in the fields of tourism, commercial recreation, and outdoor education. The TOL program is only offered at the OSU-Cascades Campus in Bend, Oregon, giving students access to some of the best tourism opportunities in the state. Many of the lower-division courses can be completed at Central Oregon Community College (COCC).

Tourism & Outdoor Leadership students complete the TOL Core Courses as well as the course required for one of these options:

- Adventure Leadership & Education
- Eco and Adventure Tourism
- International Ecotourism
- Recreation Management

Note: The following courses fulfill requirements for the major. Students must also complete OSU's Baccalaureate Core to earn a degree. Major requirements that also fulfill a Baccalaureate Core requirement are marked with an asterisk ().*

Tourism & Outdoor Leadership Core Courses:

BA 101	Introduction to Business (COCC)
FES/TOL 422	Research Methods in Social Science (COCC)
FES/TOL 444	Ecological Aspects of Park Management (COCC)
OL 111	Introduction to Outdoor Leadership (COCC)
OL 207	Seminar in Outdoor Leadership (COCC)
OL 244	Psychology of Risk and Adventure (COCC)
OL 253	Wilderness Advanced First Aid (COCC)
OL 255	Outdoor Living Skills (COCC)
OL 271	Facilitating Group Experiences (COCC)
OL 280	Co-op Work Experience: Outdoor Leadership (COCC)
COMM 111 or SP 111	Public Speaking or Public Speaking (COCC)
SUS 350*	Sustainable Communities
TOL 371	Eco and Adventure Tourism
TOL 375*	Experiential Education
TOL 378	Tourism and Recreation Data Analysis
TOL 410	Internship
TOL 474	Entrepreneurship in Tourism and Outdoor Leadership
TOL 476	Risk Management in Tourism and Outdoor Leadership
TOL 478	Legal Issues in Tourism and Outdoor Leadership
TOL 479*	Nature and the Human Experience
WR 122 or WR 222	English Composition (COCC) or English Composition
Skills Requirement (choose one)	GEOG 265. Geographic Information Systems HTRM 233. Event Planning OL 194MA. Mountaineering I and OL 194MB. Mountaineering II OL 294CC. Challenge Course Practices OL 294RC. Teaching Rock Climbing OL 294WG. Whitewater Raft Guiding

College of Forestry Requirements for Graduation

In addition to the University and degree program requirements, students in the College of Forestry must also meet specific requirements to graduate. Your major may have more specific criteria (listed in your Advising Guide). Unless noted, the following apply to all undergraduate programs in the College of Forestry.

- **S/U Grading:** Students majoring in any of the College of Forestry degree programs may not take for S/U Grading (Satisfactory/Unsatisfactory) any course listed as a requirement for the major, or for a minor or option. This includes approved substitutions. Baccalaureate core courses may be taken S/U unless they are also being used to fulfill a program requirement.
Note: The Natural Resources Program allows up to two S/U graded courses in the Core, Breadth, or Option. See your Advisor for approval.
- **Speech Bacc Core Requirement:** College of Forestry students must take COMM 111 or 114 to fulfill the Speech Baccalaureate Core requirement. COMM must be taken for an A-F grade, and cannot be taken for S/U grading (Satisfactory/Unsatisfactory).
Note: COMM 218 "Interpersonal Communication" is also acceptable in the Natural Resources major and the Recreation Resource Management major.

Policies for Forestry, Forest Engineering, Forest-Civil Engineering, Recreation Resource Management, and Renewable Materials Majors:

- **Grades of C or better must be earned** in all required Forestry (FE, FOR, FES, NR, WSE) courses (or approved substitutions) for majors, minor and options in College of Forestry degree programs.
- **Approved Work Experience:** Six months of work experience is required in all College of Forestry undergraduate degree programs with the exception of Natural Resources. Additional information can be found on page 61.

Policies for Natural Resources majors:

Minimum GPA: Natural Resources students must maintain a minimum GPA of 2.00 in the Core and Breadth portions of their degree, and a minimum GPA of 2.25 in the option.

My Advising Guide



Insert your 2016-2017 Advising Guide here

The Advising Guide for your major includes all of the course requirements to complete your degree. You should save it and refer to it when you have questions.

Academic Advising

Who is my advisor?

Your Academic Advisor is assigned based upon your major. Their name is listed on your MyDegrees page. Advisor information is outlined on page 44.

When do I see my advisor?

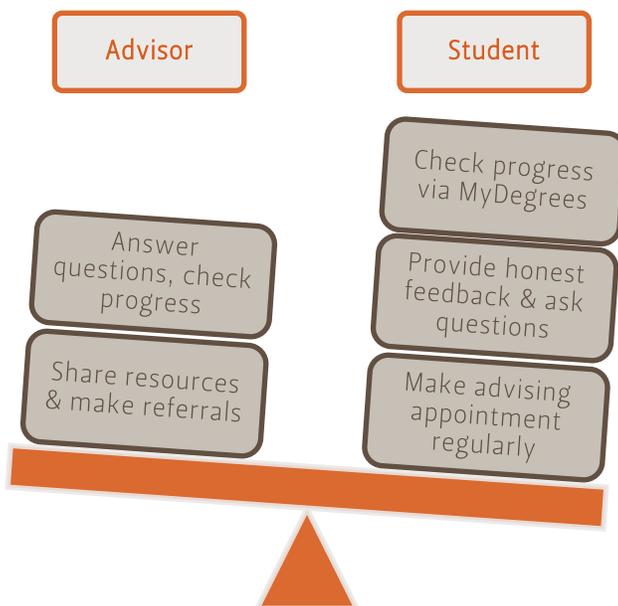
COF students are required to meet with their Academic Advisor at least once per quarter.

Fall: Halloween

Winter: Valentine's Day

Spring: Cinco de Mayo

You are welcome to have more than one meeting with your Advisor each quarter.



Advisor & Advisee Rights and Responsibilities:

The advising effort is one of mutual respect and collaboration between you and your advisor. If the process is to be effective, both you and your advisor must meet certain obligations. With that in mind, below are key responsibilities for your relationship.

As an advisee, you should...	Your Advisor will...
Understand and accept that you are ultimately responsible for your education and your own decisions.	Develop a purposeful relationship with you and be your advocate.
Be prepared when you come to advising sessions; be active in your advising session. Ask questions.	Assist you in defining and developing your educational, career, and life plans.
Communicate your personal values, abilities and goals.	Provide timely and accurate educational information
Provide accurate and truthful information.	Promote learning opportunities that will help you define or meet personal goals and plans.
Initiate a purposeful relationship with your advisor and make appointments when in need of assistance.	Assist you in preparing an academic program that is consistent with your abilities and interests.
Utilize and regularly check your ONID email account.	Monitor your progress toward educational goals.
Call or email if you need to cancel an appointment.	Interpret and explain institutional policies, procedures and requirements.
Learn and understand OSU policies, procedures, and requirements as they relate to your academic success.	Inform you of available campus resources and special services that may be relevant to your situation.
Follow through on action plans that you've agreed to.	

Academic Advisors



Autumn Granger

Snell 408
541-737-9135
Autumn.granger@oregonstate.edu

Natural Resources
Renewable Materials



McKenzie Huber

Snell 415
541-737-2873
McKenzie.huber@oregonstate.edu

Natural Resources



Sandy Jameson

Snell 401
541-737-6548
Sandy.jameson@oregonstate.edu

Forestry
Forest Engineering
Forest-Civil Engineering



Nicole Kent

Snell 404
541-737-1592
nicole.kent@oregonstate.edu

Head Advisor



Terina McLachlain

Snell 408
541-207-3580
Terina.mclachlain@oregonstate.edu

Natural Resources Program Manager
Natural Resources



Teri Morris

Snell 406
541-737-1179
Teri.morris@oregonstate.edu

Natural Resources
Recreation Resource Management

How to Make an Advising Appointment

You can schedule your advising appointment online: undergrad.forestry.oregonstate.edu/advising



1. Go to the College of Forestry Website to "Current Students" and then "Advisors". Choose your Advisor and then choose "Make and Appointment".
2. The first time you make an appointment you will need to create an account. Please use your ONID email address for this account. Create a unique username and password. DO NOT use your ONID username and password for logging in to the appointment system.

3. To schedule an appointment you will log in using the username and password that you created. Choose your assigned Advisor from the drop down menu on the left side of the page.

Select Advisor

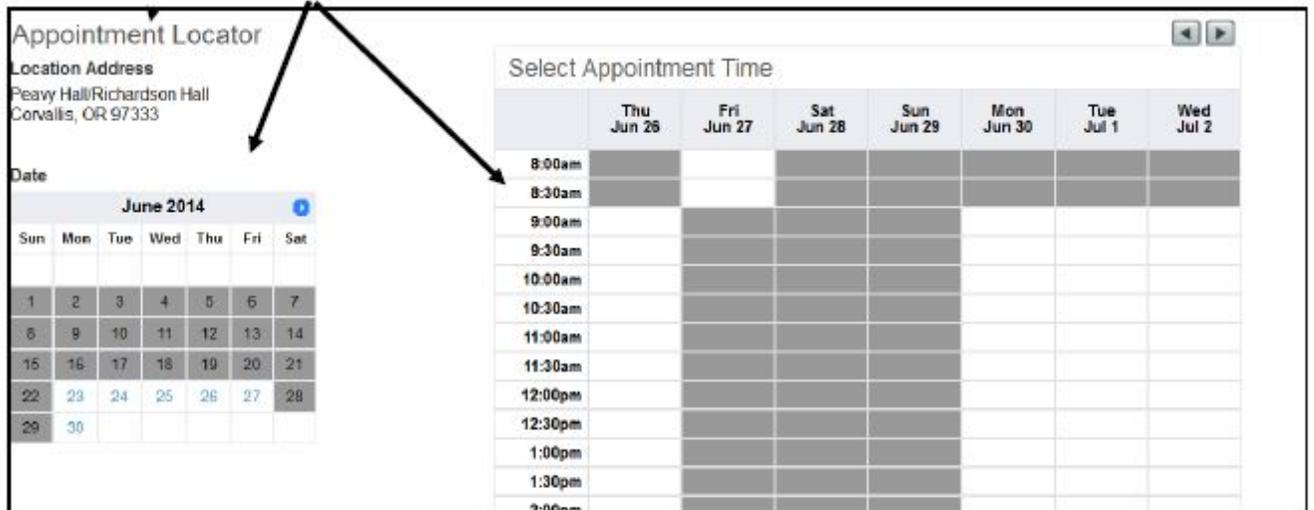
Select Advisor

4. After you have selected your Advisor you will select the type of Advising appointment you would like to have. This varies by Advisor—some Advisors have only Office appointments. An Advisor may also have phone, or Skype appointments available.

Select Advising

Select Advising

5. Next choose a day and then an open appointment slot from your Advisor's calendar.



You can log back in to your account at any time to see your appointment activity and to change or cancel any scheduled appointments. Just click on the schedule appointment and change it as needed. Your Advisor will be automatically be notified that the appointment has been changed.

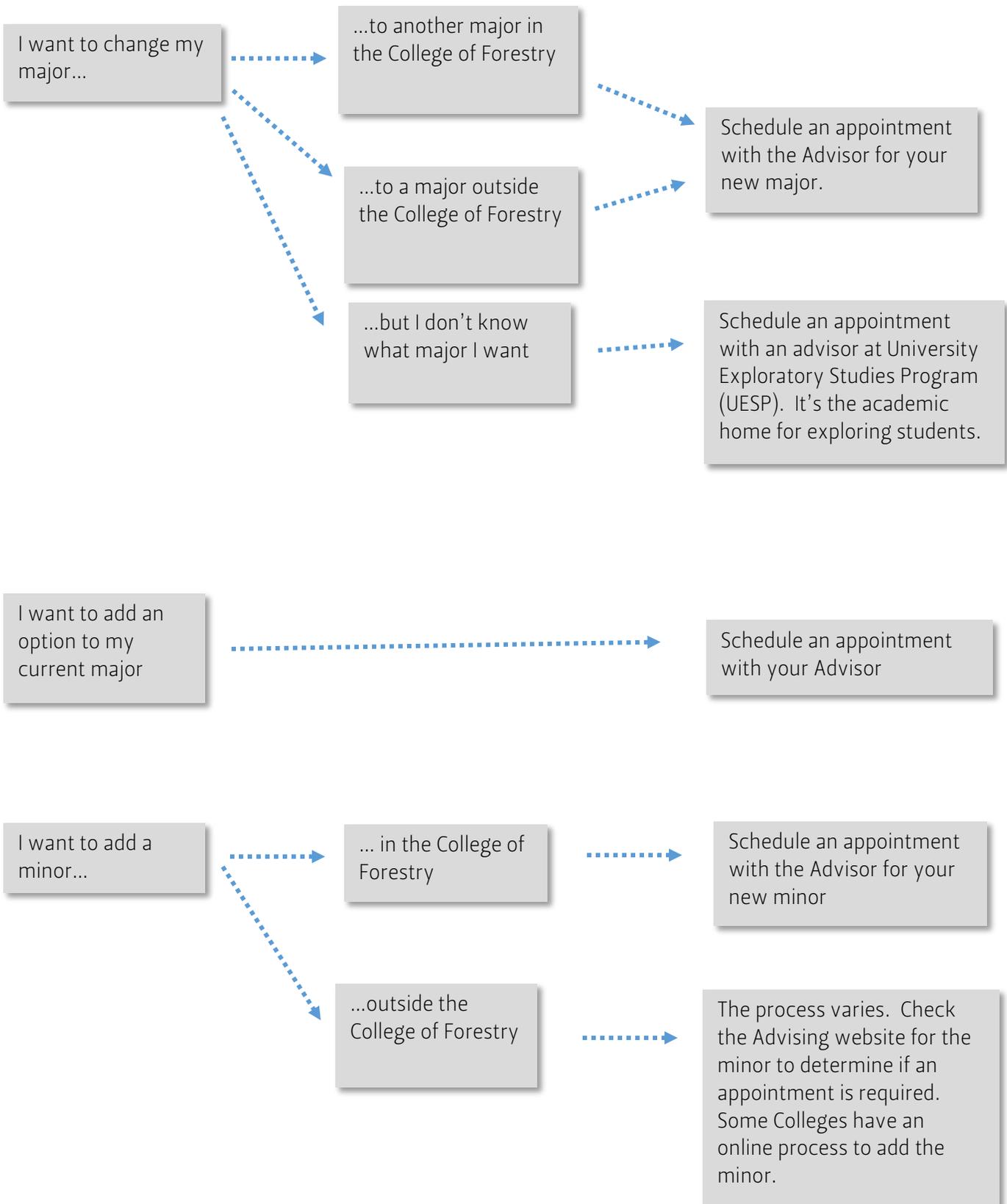
Appointment Activity

If you are unable to make your appointment please cancel in the online system so that another student may use that time. Thanks!

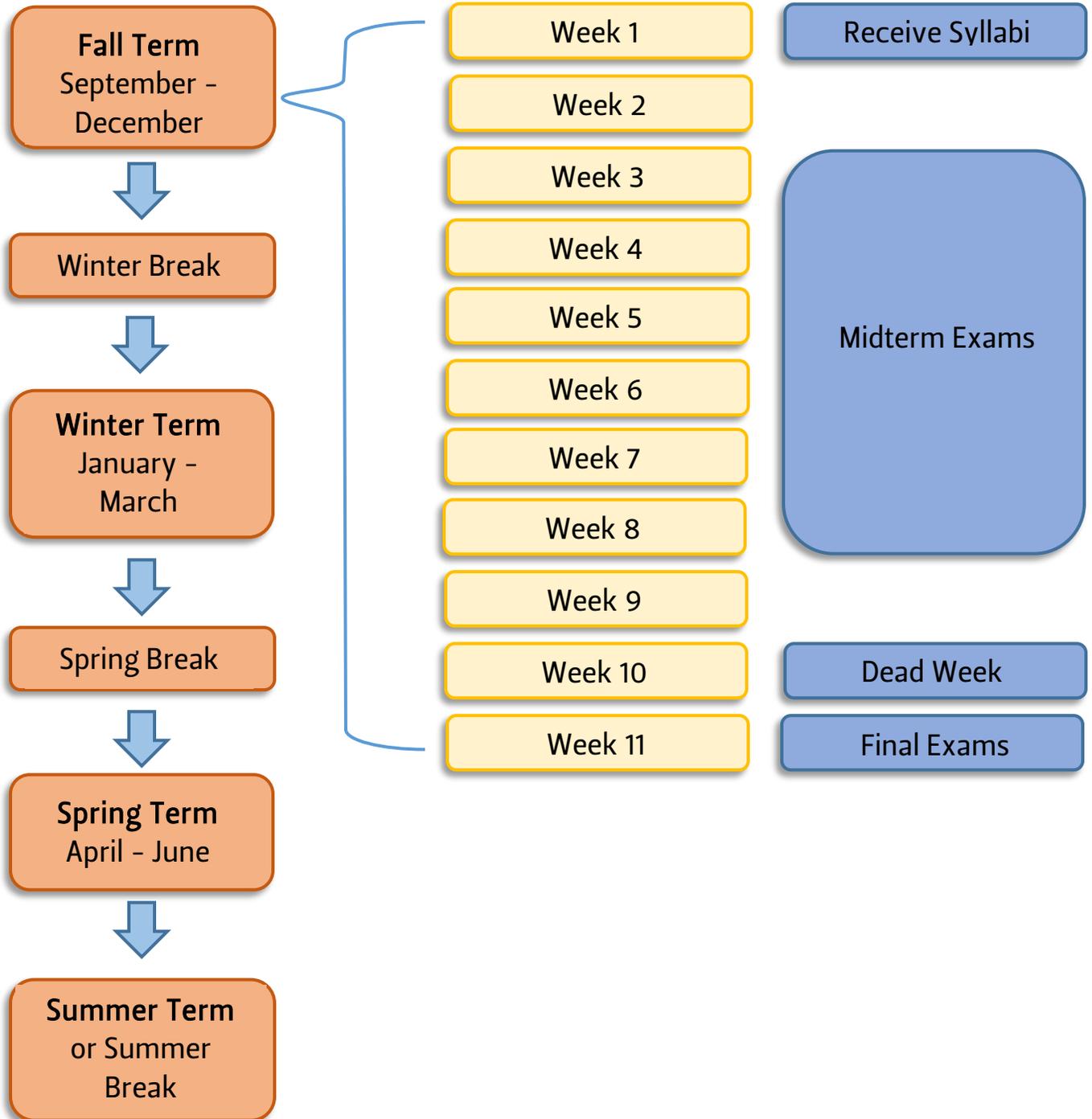
Future Appointments

- Wednesday, June 25, 2014 at 2:30pm

Changing Your Major



Anatomy of the Academic Year



Sample Fall Schedule for First Year Students

What's required for my major?

My Fall Courses:

Orientation 2-3 credits	CCE 101 – FECE FE 101 – FE, FE/CE FES 251 – RRM FOR 111 – FOR, FE, RM, RRM	_____
Science 3 – 5 credits	BI 211 or SOIL 205 – NR CH 121 – NR, RM CH 201 – FE, FE/CE CH 231 & 261 – FOR	_____
Math 4 credits	Based on your placement (see page 49)	_____
Skills Course 2-3 credits	WR 121 – Last Names A – G COMM 111 or 114 HHS 231 and/or PAC course	_____
More Choices 1 - 3 credits	Bacc Core – See pages 7-8 ALS 199 – U-Engage Elective – examples are music, PAC, foreign language, Military Science, etc.	_____

Sample Fall Schedule:

	Monday	Tuesday	Wednesday	Thursday	Friday
8am				MTH 111 Rec	
9am	CH 231 Lec	CH 261 Lab	CH 231 Lec		CH 231 Lec
10am					
11am				CH 231 Rec	
12pm	FOR 111 Lec				FOR 111 Lec
1pm	MTH 111 Lec		MTH 111 Lec		MTH 111 Lec
2pm		WR 121	FOR 111 Lab	WR 121	
3pm					
4pm					
5pm					

ALEKS Math Placement - Understanding Your Results

Your score on a math placement test is the most current and accurate indicator that can be used to help you select an appropriate first mathematics course at OSU. You should have received your score upon completion of the online “ALEKS” math placement test.

What course can I take?

The table below gives the score ranges needed to place into OSU’s math sequences. **You cannot register for a class higher than your placement indicates.** Your academic advisor will assist you in identifying the most appropriate math course for fall term, and can answer questions about placement.

ALEKS Placement Score	OSU Math Class
0-14%	Preparatory math course at a community college
15-29%	MTH 065: Elementary Algebra
30-45%	MTH 103: Algebraic Reasoning
46-59%	MTH 111: College Algebra
60-74%	MTH 112: Trigonometry or MTH 241: Calculus for Management & Social Science MTH 245: Mathematics for Management, Life, and Social Sciences
75-100%	MTH 251: Calculus I

I think I can be successful in a course higher than my placement indicates

If you think you could be successful in a higher course, you can demonstrate your readiness for that course by retaking the placement test. The ALEKS placement test can be taken a second time, but first you must spend a minimum of 3 hours preparing for your retest by working through a learning module (see below). If you retake the test and improve your placement level, you can register for a higher math course. If you need assistance, or have questions about changing your registration, you should contact your academic advisor.

The ALEKS Learning Module

Every student who completes the ALEKS placement test has 6 months of free access to a learning module in ALEKS to review and practice before starting their OSU math class. The learning module is customized for you by the results of your placement test, so you can work on the areas you will benefit from the most. Your access period starts the first time you access the learning module.

AP/IB or College-Level Credit for Math

All new students are required to take the ALEKS math placement, even if you have earned college-level credit for a math class via a community college or CLEP/AP/IB exams. You will be allowed to register for the highest math class indicated by your college-level credit **OR** your ALEKS placement.

FAQ's about ALEKS Math Placement

math.oregonstate.edu/mlc-placement-home

Scheduler

Scheduler is a web-based schedule planning tool for students and advisors. Scheduler helps you search course schedules that work around your busy lives and time commitments. Some features of Scheduler:

- You can use Scheduler on a computer or mobile device.
- You can block off times in your schedule for commitments such as jobs, child care, or athletics. Scheduler won't search for classes during times you note as "breaks."
- You can compare and choose from multiple, side-by-side schedules of courses that are available for immediate registration.
- Scheduler is also connected to MyDegrees, allowing you to easily pull your active MyDegrees plan created with your advisor into your scheduling process.

More information: oregonstate.edu/registrar/scheduler

SCHEDULER

1 LOG IN
Log in at myosu.oregonstate.edu
Click the "Student" tab

2 LAUNCH "SCHEDULER"
Under Registration Tools, click Scheduler

3 ADD COURSES
Import from MyDegrees Plans

4 ADD BREAKS
To Block Off Times You Are Unavailable For Class

5 GENERATE SCHEDULES
Click "Generate Schedules" To See All Possible Schedules

6 VIEW
To See Individual Schedules In Detail

7 SEND TO SHOPPING CART
From the "View" Schedule Screen, Click the "Shopping Cart" Button to Begin Registration

Registration FAQs

When can I register for OSU classes?

Registration times are based on the number of total credit hours you've earned at the time of registration. Those with more credit hours (seniors) will register first, followed by juniors, sophomores and first-year students. Your exact registration day and time can be found in Online Services (select *Registration* then *Check Your Registration Status*).

How do I register for classes?

Course registration is housed in Online Services, accessible via your MyOSU portal. You'll log in with your ONID username and password and select your courses. Instructions and tutorials are available online: oregonstate.edu/registrar/registration.

I'm trying to register but I keep getting an error message.

There are a number of reasons this could be occurring and the text of the error message may provide some clues:

- Before registering for a class, you must meet any course **prerequisites and restrictions**. Prerequisites are courses that you must complete prior to the course for which you are registering. For example, MTH 111 is a prerequisite for MTH 112, so you can't register for MTH 112 until you have completed (or are currently enrolled in) MTH 111. A course may be restricted to students in certain colleges, majors, etc. (e.g. INTO). Check the restrictions listed for the course in the Schedule of Classes to determine if you meet the restrictions and prerequisites. It's possible that you meet all the restrictions and prerequisites for a course, but the registration system won't recognize it. **In that case, you should contact the department offering the course to request an override to register.**
- Some courses have multiple sections which are **linked** together. Examples are lectures and labs or lectures and recitations. When registering, you must select a lecture and a lab/recitation for the course. The system will not allow you to register for only one part of a multi-part course.

I have a hold on my account. How do I get rid of it?

Students with registration hold are not permitted to register until holds are cleared. When you attempt to register, the registration system will inform you of any registration holds that you have (you can also view your holds in MyDegrees). The registration system will show you contact information for the department(s) that placed the hold so you can contact them to have it removed. Holds are commonly placed for unpaid bills, missing immunization records, poor academic performance, or visa requirements (for international students). If you have a hold on your account, but need to make a time-sensitive change to your registration, you can visit the Registrar's Office for assistance changing your schedule.

Can I take classes at a community college that will count toward my OSU degree?

Yes! Many of your Baccalaureate Core courses can be taken at a community college, and some of the lower-division (100 & 200 level) requirements for your major can be completed there as well. It's important to consult with your OSU academic advisor prior to taking a class to determine which courses can be completed at a community college, and how they will transfer to OSU. Recipients of certain scholarships may be required to take a minimum number of credits at OSU each term/year (COF scholarship recipients are required to be enrolled in at least 12 credits per term, 6 of which must be at OSU).

Students wishing to take multiple courses at a community college are encouraged to enroll in OSU's Degree Partnership Program (DPP). See page 70 for additional DPP information.

If you already have credit to transfer to OSU, you must have an official transcript of those credits mailed to the OSU Admissions Office. Once the transcript is received your credits will be articulated and appear on your OSU transcript. You may see courses marked as LDT or UDT (lower-division transfer and upper-division transfer) and should consult with your academic advisor to ensure everything has been articulated properly.

How do I register for CH 231/261?

Registration for CH 231 & 261 requires a slightly different process than other courses.

- 1) Through the regular course-search process, select a CH 231 lecture and a CH 231 recitation and click **Add to worksheet** at the bottom of the page. Note the meeting times for CH 231.
- 2) Go back to course search, and locate CH 261. Select one CH 261 lab (that does not conflict with the lecture and recitation you just chose) and click **add to worksheet** at the bottom of the page.
- 3) You'll be returned to the Add/Drop Classes page, and three CRNs will be displayed in the boxes at the bottom of the screen. Click **Register** and you should see CH 231 & 261 added to your course list.

Steer clear of sections labeled with *+520* (in the "Restrictions" column on the Schedule of Classes). Those are for Chemistry majors only! Sections labeled *+06* are only open to international students.

How do I drop or withdraw from a course?

Students may drop a class without responsibility for the grade through the end of the first full week of classes. Dropping a course removes it from your record completely, and it will not be displayed on your transcript. After the drop deadline courses may not be dropped, but can be withdrawn.

Withdrawal from Individual Courses may be done after the drop deadline, and continues through the end of the seventh full week of classes. When a student withdraws from a class a “W” grade is recorded on their transcript. To drop or withdraw from a course:

- Log into MyOSU (myosu.oregonstate.edu/) and open the *Student* tab
- In the *Registration Tools* box, click *Add/Drop Classes* and select the appropriate term
- You should be at a page that reads *Add/Drop Classes*. From the list of classes on this page, find the class you would like to change, then click on the drop down box next to it.
- Select *Drop* or *Withdraw* (depending on the circumstance) from this menu, and then click on *Submit Changes* at the bottom of the page. If the course has more than one part (e.g. a lecture and a lab) you will need to select *Drop* or *Withdraw* next to both sections.
- **(Very Important)** Once you have completed this process, check your schedule again to make sure the change has been made.

Note: “W” does not factor into your GPA. Students are allowed a maximum of 12 W’s on their transcript.

Resources

In order to succeed you'll need to access resources available from the College of Forestry and the University.

Resources in the College of Forestry:

undergrad.forestry.oregonstate.edu/advising/academic-resources

- Academic Advisors (pp. 49-51)
- College Forests (p. 74)
- Computing Support (p.75)
- Employment Opportunities (p.68)
- Fernhopper Newsletter (p. 61)
- International Programs (pp. 70-73)
- Self-Learning Center (p.63)
- Student Services Office (pp. 61-62)

Online Resources:

main.oregonstate.edu/

- Canvas (p. 85)
- MyDegrees (p. 88)
- MyOSU (p. 88)
- Google Apps for OSU
- OSU Catalog & Schedule of Classes

University Resources:

undergrad.forestry.oregonstate.edu/advising/academic-resources

Academic Calendar	Academic Regulations
Academics for Student Athletes	Academic Success Center (ASC)
Catalog & Schedule of Classes	Career Development Center (CDC)
Collaborative Learning Center (CLC)- Valley Library	Counseling & Psychological Services (CAPS)
Disability Access Services (DAS)	Dean of Student Life
Degree Partnership Program (DPP)	Ecampus
Educational Opportunities Program (EOP)	Financial Aid & Scholarships
First Year Experience (FYE)	Math Learning Center
Military and Veterans Resources	Mole Hole (Chemistry Assistance)
Parents & Family Outreach	Registrar
Statistics Tutors	Student Health Services (SHS)
Student Multimedia Services	Summer Session
Transfer Students	University Honors College (UHC)
Valley Library	Worm Hole (Physics Assistance)
Writing Center	

Student Services

The College of Forestry Student Services Office:

- Provides services and resources to enhance the educational environment of our undergraduate students
- Collaborates with advisors and faculty in the college to offer co-curricular support
- Administers a \$500,000+ annual scholarship program for COF students
- Supports COF student clubs and organizations
- Aids students in developing social, leadership and teamwork skills; enjoying recreational and educational activities; and getting involved and connected within their respective fields
- Provides resources to help students become competent, innovative, and professional members of their fields
- Helps students find meaningful employment by developing a list of agencies, search engines, and our own employment opportunities site
- Produces publications to educate students about the College and the opportunities it presents; and to inform students about news, scholarships, job openings, and educational opportunities

Student Services publications:



Fernhopper Newsletter

delivered weekly to your ONID email address

<http://undergrad.forestry.oregonstate.edu/student-services/fernhopper-newsletter>

**THE
FERNHOPPER BLOG**
News for the
College of Forestry student



Fernhopper Blog

blogs.oregonstate.edu/fernhopper/

COF Student Services Office | Snell 133 | 541-737-1594
undergrad.forestry.oregonstate.edu/student-services

Student Services - Events & Activities

Annual Ring	Annual Ring is the College's traditional welcome event for new undergraduate students. It's a chance to socialize with fellow students COF faculty and staff. The event includes food, games, and prizes at the Forestry Club Cabin in the McDonald Dunn Forest. Annual Ring is held during Welcome Week (prior to the start of Fall term) and invitations are emailed to new students around Labor Day.
Student Clubs Day	Clubs Day is held twice a year (Fall and Spring) to help connect students to extra-curricular and networking opportunities offered through involvement in student organized clubs. Clubs Day 2016 will take place in October. Stop by early for coffee and treats!
Family Weekend Open Houses	Twice a year the COF opens its doors to welcome our forestry family! During the Fall and Spring Family Weekends, our students and their families have the opportunity to learn about exciting news and recent happenings in our College.
Job Shadow Program	Coming this Winter! The College of Forestry provides prospective and current students the opportunity to get an up-close look at various forestry and natural resources careers through a job shadow experience. This program will match students with participating employers for a chance to learn more about the career paths available after graduation.
Halloween Horror Harvest	In Student Services we love Halloween. It means that it's time to think about scheduling an appointment with your advisor and registering for winter term classes. It's also time to visit the Student Services Office for tricks and treats (and resources and information, too!). Get creative with your costumes watch for an announcement about our Halloween party!
Coffee with Randy	College of Forestry students are encouraged to stop by the SLC for <i>Coffee With Randy</i> . Randy Rosenberger, the Associate Dean of Undergraduate Studies, makes time to meet with CoF students who would like to share ideas, concerns or just talk about current events in the college. Coffee with Randy is a great time to make your voice heard to the CoF leadership team.
Women in the Woods	The goal of <i>Women in the Woods</i> is to bring together College of Forestry faculty, students, and professionals in forest-related fields (small businesses, industry, government agencies, non-profit organizations, etc.) for networking, information-sharing, and mentorship. We meet for a luncheon four times per year and invite speakers to present on a variety of topics of interest to the members of the network. undergrad.forestry.oregonstate.edu/student-services/women-woods
Professional Development Workshops	Throughout the academic year, the Student Services Office collaborates with other offices on campus to offer workshops on everything from resume writing and salary/benefit negotiation, to how to apply for state/federal job, and professional social media and email etiquette.

Self-Learning Center

The Self-Learning Center (SLC) is a student-focused learning environment that serves the students of the College, providing access to reserve readings, self-paced learning materials, computers and group-work space. Other SLC features include:

- Gathering space for COF students
- Computers, copier, and scanner for student use
- Weekly drop-in hours with our Career Development Center liaison
- Course reserve materials
- Equipment for check-out (planimeters, stereoscopes, magnifying lenses, protractors, etc.)
- Plant specimens
- Wood sample kits
- Aerial photos

SLC hours:

Monday – Thursday 8:30 a.m. – 10:00 p.m.

Fridays 8:30 a.m. – 5:00 p.m.

Locations in Snell 123 & 129

541-737-4160

cofslc@oregonstate.edu

undergrad.forestry.oregonstate.edu/student-services/self-learning-center

Clubs & Organizations

The College of Forestry supports several student clubs and organizations. Club leaders and contact information are available online:

undergrad.forestry.oregonstate.edu/student-services/student-clubs-organizations

American Society of Photogrammetry & Remote Sensing

Founded in 1934, the American Society of Photogrammetry and Remote Sensing (ASPRS) is a scientific association serving over 7,000 professional members around the world. The mission is to advance knowledge and improve understanding of mapping sciences to promote the responsible applications of photogrammetry, remote sensing, geographic information systems (GIS), and supporting technologies.

The OSU ASPRS student chapter is a club for students who are interested in photogrammetry, remote sensing, GIS, and/or mapping. Quarterly club meetings feature guest speakers involved in spatial research. The club also takes field trips and engage in activities that promote professional development.

Forest Utilization Society (FUSE)

The goal of this student organization is to bring a spirit of fellowship to students, faculty, and employers, and to promote awareness about forest products and forest products issues. Officers include a president, vice-president, secretary/treasurer, and project coordinator. Membership is open to anyone interested in forest products. Activities include social events, hosting guest speakers, and field trips to local companies and mills.

Forestry Club

The Forestry Club is primarily an informal social group providing a means for interaction between different majors within the forestry profession, and promoting student interaction and activities with regard to forestry. The club organizes and sponsors numerous intercollegiate events, such as the logging sports team, forester's ball, woodcuts, forestry club Olympics, charity events, ski trips, and outdoor recreation activities. The club also works closely with the College administration to assist with College events.

A current and future aim of the club is to create a closer relationship to the local community by sponsoring charitable fundraisers and donations. The Forestry Club is rich in tradition and has provided many valuable experiences for its members outside the academic arena.

International Forestry Students Association, OSU student chapter

OSU-IFSA was founded in October 2005, and is currently the only active chapter in the U.S. IFSA represents forestry students from all over the world, facilitates communication among members, and offers opportunities for student exchanges, seminars, excursions, and forestry competitions. IFSA now includes 52 forestry student associations in 33 countries. It is headquartered in Freiburg, Germany.

OSU-IFSA goals: enrich the formal education of OSU students by providing a global perspective on forestry issues; contribute to professional preparation for forestry students; promote networking among students and professionals from several disciplines; encourage improvements in forestry and natural resources education internationally; and provide opportunities to socialize with students from many countries. Regardless of the emphasis on forestry, the chapter is open to all OSU students and all topics related to conservation and natural resources.

Society of American Foresters (SAF) student chapter

OSU was granted a charter by the Society of American Foresters (SAF) in the fall of 1980 to form a student chapter. Student members must be undergraduate or graduate students in programs closely related to forestry and natural resources. Both faculty and students are welcome.

The goals of the SAF Student Chapter are to promote professionalism in the field of forestry, encourage interaction between professional foresters and students, provide opportunities for taking part in active forest management projects, and help educate the public about forest resources and their management. In addition, the SAF Student Chapter strives to build fellowship among students and provide an opportunity to openly discuss and debate forestry issues.

SAF activities include a job fair, managing a Christmas tree farm, hosting guest speakers, participation in community natural resource education, and travel to State and National SAF Conventions.

Student Association for Fire Ecology

The purpose of the Student Association for Fire Ecology is to provide students with an open forum on fire ecology through which research can be shared, networks formed, and funding and information can be accessed.

Xi Sigma Pi Forestry Honor Society

Xi Sigma Pi, a forestry honor society, was founded at the University of Washington in 1908. The Zeta Chapter was established at OSU in 1921.

The society's objectives are "to secure and maintain a high standard of scholarship in forestry education, to work for the up-building of forestry, and to promote productive relations among earnest workers engaged in forestry activities."

College of Forestry Scholarships

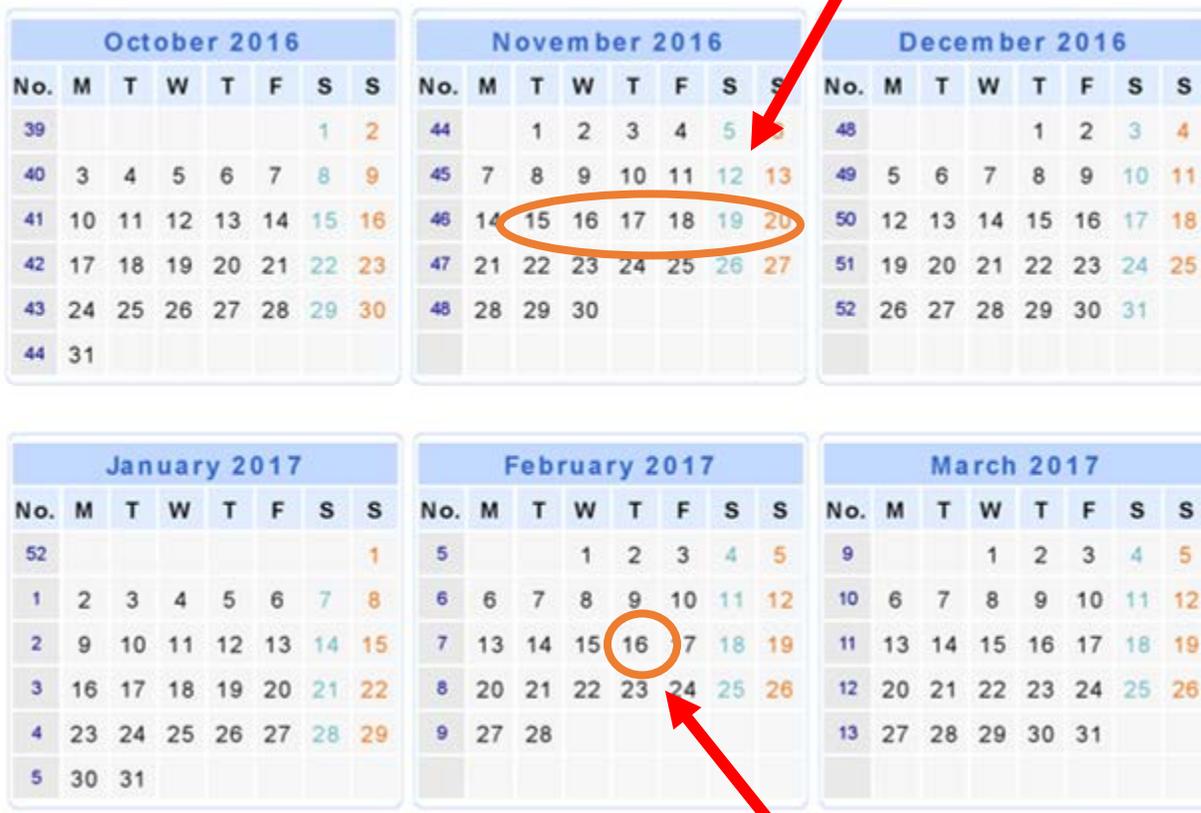
Through the generosity of our donors, the college awards over \$500,000 in undergraduate scholarships each academic year. Individual awards range from \$1000 to \$9000. While scholarships are generally based on academic performance, some are specific to need, degree program, or other criteria set by our donors, so all students are encouraged to apply. New and current COF students are eligible to apply for COF scholarships.

Scholarship applications are generally available in mid-November and due on February 15th.

Additional information and the application are available online:
undergrad.forestry.oregonstate.edu/student-services/scholarships

Application timeline for 2017-2018 Scholarships:

Applications available



Applications due

Work Experience Requirement

Students in Renewable Materials, Recreation Resource Management, Forestry, Forest Engineering and the Forest/Civil Engineering programs are required to complete a minimum of six months of work experience as part of their degree requirements. Natural Resources students are not required to complete work experience, but it is highly recommended. The procedure for documenting completed work experience is as follows:

- 1) Students complete the Work Experience Practicum form available online: workexperience.forestry.oregonstate.edu/
- 2) Work Experience Practicum form is routed to the student's supervisor and the Department Chair (or designee) for their major, and those individuals complete the online evaluation.
- 3) Completed Work Experience Practicum Forms are reviewed and evaluated by your academic advisor, and the experience is documented in MyDegrees.

All work experience forms should be completed at least three months prior to your expected graduation date to allow for employer evaluations and updating of your student record.

Failure to document required work experience in a timely manner could delay your graduation.

Employment Opportunities

Position Announcements

Seasonal, part-time, and full-time job announcements are posted on the COF jobs page.

College of Forestry jobs page: jobs.forestry.oregonstate.edu

State of Oregon jobs (permanent or seasonal): oregonjobs.org

Beaver Careers (all off-campus jobs): career.oregonstate.edu/students/beaver-careers

Job Fair

The student chapter of the Society of American Foresters (SAF) hosts an annual job fair for College of Forestry students. Over 30 employers from private industry to public agencies will send representatives to the job fair in search of interns, volunteers, seasonal workers, and part- or full-time employees. The Job Fair will be held in October 2016.

undergrad.forestry.oregonstate.edu/osu-student-chapter-society-american-foresters-saf-job-fair

Employer Information Sessions

Employer Information Sessions provide students an opportunity to meet with representatives from many of the agencies and businesses that actively recruit College of Forestry students. These sessions include time for employers and students to discuss the company/agency and its career opportunities.

Employers often visit the College to fill permanent, seasonal or internship positions. Positions secured through an Employer Information Session can help you fulfill the Work Experience requirement for your degree.

All COF students are encouraged to attend Employer Information Sessions to learn about possible career paths, build their professional networks, and prepare themselves to be competitive in the career field.

On-Site Interviews

The College of Forestry provides employers the opportunity to conduct interviews with students at the College. The Student Services Office advertises these opportunities in the Fernhopper Newsletter (p. 61).

Career Development Center Drop-In Hours

OSU's Career Development Center (CDC) provides access to their resources in the College of Forestry. During regular drop-in hours, a Career Counselor visits the College to meet with students, review resumes and cover letters, discuss interview preparation, and provide guidance for job searches. This is a free service available to all COF students, available in the Self-Learning Center.

The College of Forestry offers several different programs designed to allow students to gain experience in the fields of forestry and natural resources and to develop relationships with faculty and staff.

undergrad.forestry.oregonstate.edu/experiential-education

Cooperative Education

The Forestry Cooperative Education program seeks to better educate future forestry professionals through focused collaboration with local and national agencies, industries and organizations.

Cooperative education provides internships and real world experience for participating students, resources for employers, and better trained graduates for the forestry and natural resources professions. For more information, contact the Student Services Office at 541-737-1594.

SEEDS – Strengthening Education & Employment for Diverse Students

The SEEDS mission is to support recruitment of college-bound under-represented students, retain our under-represented students by improving the quality of their experiences, and provide a pathway to career-track employment as they finish their academic program. Students involved in SEEDS have access to opportunities for summer and/or academic year work, professional development, and scholarships.

seeds.forestry.oregonstate.edu/

Hoener Work-Scholarship Program

The purpose of this program is to foster closer working relations and enhance mentoring opportunities between faculty and students, with the hope that the students will be inspired to higher levels of achievement. For details please contact Brooke Harrington (541-737-1593, brooke.harrington@oregonstate.edu).

Mentored Employment Program

Through generous support from forestry friends, alumni, and other stakeholders, this program helps undergraduate students form meaningful professional relationships with faculty through mutually beneficial and rewarding research experiences. Any undergraduate or post-baccalaureate student in good standing, enrolled in any of COF undergraduate degree programs, on any campus, can apply. In addition, any faculty member currently affiliated with the College of Forestry who wants to mentor undergraduates can propose a project, and, if the project is selected, the work experience coordinator will match a student interested. Funding is provided through the program's resources.

These experiences are typically take place during the academic year, and are less than 10 hours per week. Projects are chosen during fall term, begin as early as winter term, and last no longer than a year. Projects are supported if they clearly benefit both the student and the faculty member and contribute to the mission of the College of Forestry (teaching, research, outreach, Extension, and service).

International Opportunities

Broaden Your Horizons: Study, Intern, Research Abroad

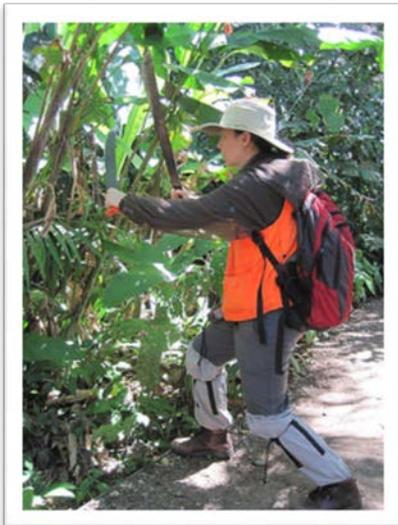
Michele Justice, Director of International Programs
Strand 258 | Michele.justice@oregonstate.edu
international-programs.forestry.oregonstate.edu/

It goes without saying that forestry is a global field; whether you're learning about strategies in forest management, investigating sustainability in forest ecosystems, interested in the connections between people and forests, or focused on innovative development in wood technology, you're going to want to know what's going on worldwide. The COF strongly believes that international experience is critical to your education, and is dedicated to making international experiences accessible and affordable for its students. Whatever your major or financial situation, we will work with you to find the exchange, study abroad, research or internship opportunity that meets both your needs and goals.



*Carole Holmson, Natural Resources
North Berwick, Scotland*

Providing international experiences to our students is a core value to our College, and these experiences can greatly impact the both the mindset of our students and the marketability of their degrees.



*Seri Robinson, Renewable Materials Faculty
Peruvian Amazon*

At first, international study might appear to be outside the financial reach of many students, but that's not really the case. For all of our students, both scholarships and financial aid can be applied to international programs; COF has set aside funding specifically for this type of experience. For non-resident and international students, these opportunities can be even more affordable, as they are often close in price to current in-state tuition.

Options include joining College faculty abroad for a few weeks over the summer, studying for a term during the school year, participating in an international internship, or conducting research overseas.

"...to anyone thinking about studying abroad – stop thinking about it and make it happen! My decision to study abroad has been the single most important educational and life decision I have made for myself."

*Dylan Dripps, Renewable Materials
Exchange student at Ecole Supérieure du Bois in Nantes, France*

STUDY ABROAD THROUGH OREGON STATE UNIVERSITY – QUICK FACTS

This page is meant to provide a quick guide to the opportunities available to OSU students. For more complete information, visit our website: international-programs.forestry.oregonstate.edu/

Program Types

Exchange programs: Typically semester or academic year experiences, where students are integrated into host university academic model and student community. Offers the broadest range of available courses, among the most affordable opportunities (for the number of credits earned/duration of time abroad), as cost is based on outgoing OSU students paying their home campus

Study Abroad programs: Programs of any length, where students are taught at a study center or other location in a group of comprised of only American (or international) students, or they may be integrated into an overseas host institution.

Faculty-led programs: Generally have a specific thematic focus, and short-term (but sometimes a full term in length) these programs are led by OSU faculty. Some may include study with overseas students or instructors. The College of Forestry runs several of every year.

International Internships: International internships are available through the College of Forestry and through IE₃ Global Internships. Most internships are a minimum of ten weeks in length, and are available in a host of countries. These internships satisfy College work experience requirements.

Service Learning programs: Overseas programs that involve hands-on outreach to a community or organization. Service learning programs are almost always coordinated as group experiences, and several are offered by OSU.

Program Durations

Short-term: Faculty-led programs make up the majority of short-term programs (typically one – four weeks). These programs may have a single location, or travel to different sites. Most of these occur during the summer.

Term programs: Some providers have programs that last a ten-week term, and are designed to align with OSU's academic calendar. The majority of these are OSU institutional study abroad programs.

Semester programs: As a large proportion of universities worldwide are on a semester system, the majority of exchange programs, and many study abroad programs are linked to this model. For OSU students, this generally means that students studying abroad in the Fall are away for one term, and those abroad for the Spring are gone Winter and Spring terms from OSU.

Year-long programs: Most exchanges and study abroad programs are able to accommodate students for an entire academic year.

Program Providers

College of Forestry: The College offers a range of exchanges, faculty-led programs and internships specifically designed for Forestry students.

Oregon State University: Exchanges and faculty-led programs are also developed on a university-wide basis.

IE₃ Global: IE₃ Global provides internship, research, exchange, and faculty-led programs to students throughout the Northwest and beyond.

Co-Sponsored Program Providers: Organizations (profit and non-profit) external to OSU that have been approved by OSU to offer study abroad programs to OSU students. Providers offer the full range of program experiences listed above, with the exception of exchanges. These include SIT, CIEE, API, Semester at Sea, and several others.

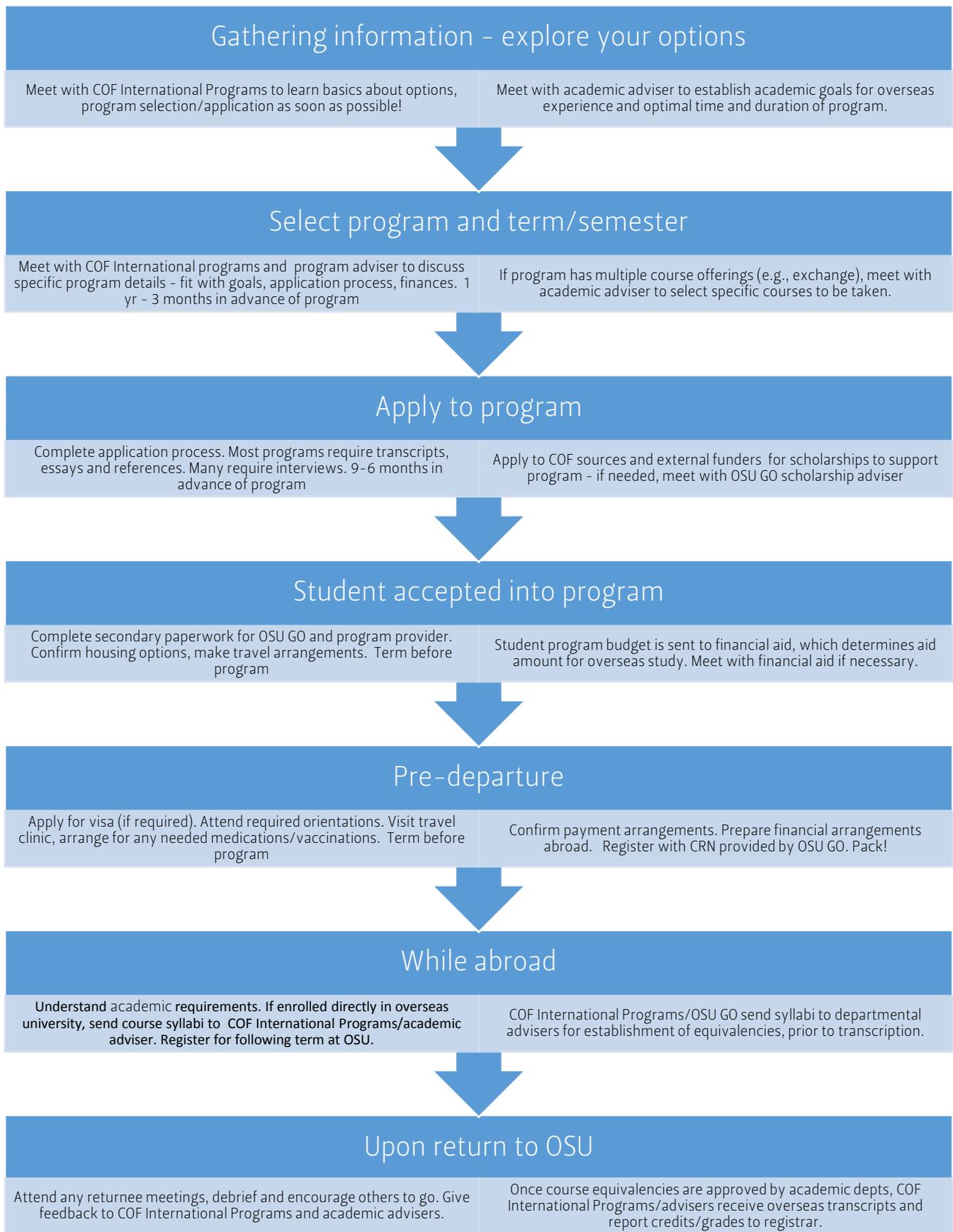


Forest Engineering and International Degree student Jessica Kessinger interned in British Columbia. "Living and working in Canada broadened my perspective of forestry and sense of being a global citizen. The independence required when living abroad pushed my comfort levels and tested me in ways I did not foresee. This internship...helped me better identify where I see myself as a professional."

Loren Farque studied Forest Management in Spain with COF faculty member Doug Maguire.



Renewable Materials students Devin Stuart and Scott Purdue explore the Australian Bush



Teaching & Research Forests

The College owns and manages land in several forests around the region. Most notable is the McDonald-Dunn Forest located five miles north of Corvallis. Over 11,000 acres of land in the McDonald-Dunn are dedicated to research, teaching, demonstration and education. Students will visit the forest for class activities, labs, and recreation opportunities.

There are many opportunities for students to be involved at the OSU research forests. Student workers/interns are routinely hired to help with management, and opportunities are posted in the Fernhopper. Students are encouraged to use the forest for class projects, and to contact any of the College Forest staff for support.

Opportunities frequently arise to volunteer with trail construction and maintenance, invasive species removal, and landscaping. Students can sign up for our e-mail list to get forest updates and volunteer opportunities.

Contacts:

Ryan Brown
Recreation and Engagement Program Manager
541-737-6702
Ryan.brown@oregonstate.edu

Matt McPharlin
Recreation Field Coordinator
541-737-6730
matt.mcpharlin@oregonstate.edu



Computing Support

College of Forestry students have access to support through the Forestry Computing Helpdesk.
helpdesk.forestry.oregonstate.edu

Richardson 215

541-737-2152

Monday - Friday, 8:00am - 6:00pm

Computer Lab Locations: Richardson 203, 207, 215, and Snell 123, 129

Computer Buying Guide:

If you are planning to upgrade or purchase new computer hardware such as laptops, software, or accessories, we encourage you to consult with the Forestry Computing Helpdesk. COF staff is willing to assist you with your purchase to ensure that you order the correct equipment that matches both our support requirements and your computing needs.

Recommended Desktop

Processor: Intel® Core™ i7 Quad Core 4770 (3.40GHz, 8M)

Memory: 16.0GB DDR3 Non-ECC SDRAM, 1600MHz, (4DIMM)

Keyboards: USB Keyboard, No Hot Keys

Video Card: 1 GB ATI or Nvidia, Dual Monitor DVI or DP

Boot Hard Drives: 500GB SATA 7200 RPM or 240 GB SSD

Floppy Drive: No Floppy Drive

Operating System(s): Genuine Windows® 7 Professional

Mouse: USB 2-Button Optical Mouse with Scroll

Integrated Network Adapter (NIC): Integrated Gigabit (10/100/1000)

Removable Media Storage Devices: 8X Slimline DVD+/-RW

Audio Solutions: Integrated AC97 Audio

Hardware Support Services: 3 Year Limited Warranty plus 3 Year NBD On-Site Service

Recommended Laptop

Processor: Intel® Core™ i7-4600M (2.9GHz, 4M cache)

Display: 14.1 inch Wide Screen HD+ (1600x900) LED Display

Video Card: 512MB NVIDIA NVS 3100M

Memory: 8.0GB, DDR3-1333 SDRAM, 2 DIMMS

Hard Drive: 250GB Hard Drive, 9.5MM, 7200RPM or 240 GB SSD

Operating System: Genuine Windows® 7 Professional

AC Adapter: 65W AC Adapter

Module Bay Devices: 8X DVD+/-RW

Wireless Networking Options: Wireless™ 802.11n dual band Card

Batteries: 9 Cell Primary Battery

Carrying Case

Hardware Support Services: 3 Year Limited Warranty plus 3 Year NBD On-site Service

Degree Partnership Program

Through OSU's Degree Partnership Program (DPP), you can be jointly admitted and eligible to enroll concurrently at Oregon State University and any of our community college partners. Students complete a single admission application and must meet OSU's standard admission criteria.

Benefits of DPP:

- Lower tuition costs at community colleges
- Work with your community college advisor and your OSU advisor at the same time
- One application and one application fee
- Financial aid counts enrollment at both institutions for the same term (for qualified students)
- Take up to 10 consecutive terms at the community college and remain active as an OSU student
- Increased flexibility in scheduling with access to more classes through the community college, on site at OSU, and with online courses offered through the OSU Ecampus
- Access to libraries, computer labs, and other services on both campuses (subject to an additional fee)
- Eligibility to live in on-campus residences and participate in campus dining plan.
- Dual enrollment at OSU and the community college
- Transcripts automatically sent from the partner college to OSU at the end of each term

Community College Partners

Blue Mountain Community College	Linn Benton Community College
Central Oregon Community College (OSU Cascades only)	Mt. Hood Community College
Chemeketa Community College	Oregon Coast Community College
Clackamas Community College	Portland Community College
Clatsop Community College	Rogue Community College
Columbia Gorge Community College	Southwestern Oregon Community College
Hawaii Community College (Big Island)	Tillamook Bay Community College
Kapi'olani Community College (Oahu)	Treasure Valley Community College
Klamath Community College	Umpqua Community College
Lane Community College	University of Hawaii, Maui College (Maui)

To apply for DPP:

- 1) Go to oregonstate.edu/admissions/index.php, click on the *Apply Now* tab and log in.
- 2) Select *Degree Partnership Program Applications* and the community college partner.
- 3) Select the application status that best fits you. **If you have already been admitted to OSU**, select the link Degree Partnership for Current OSU Students link.

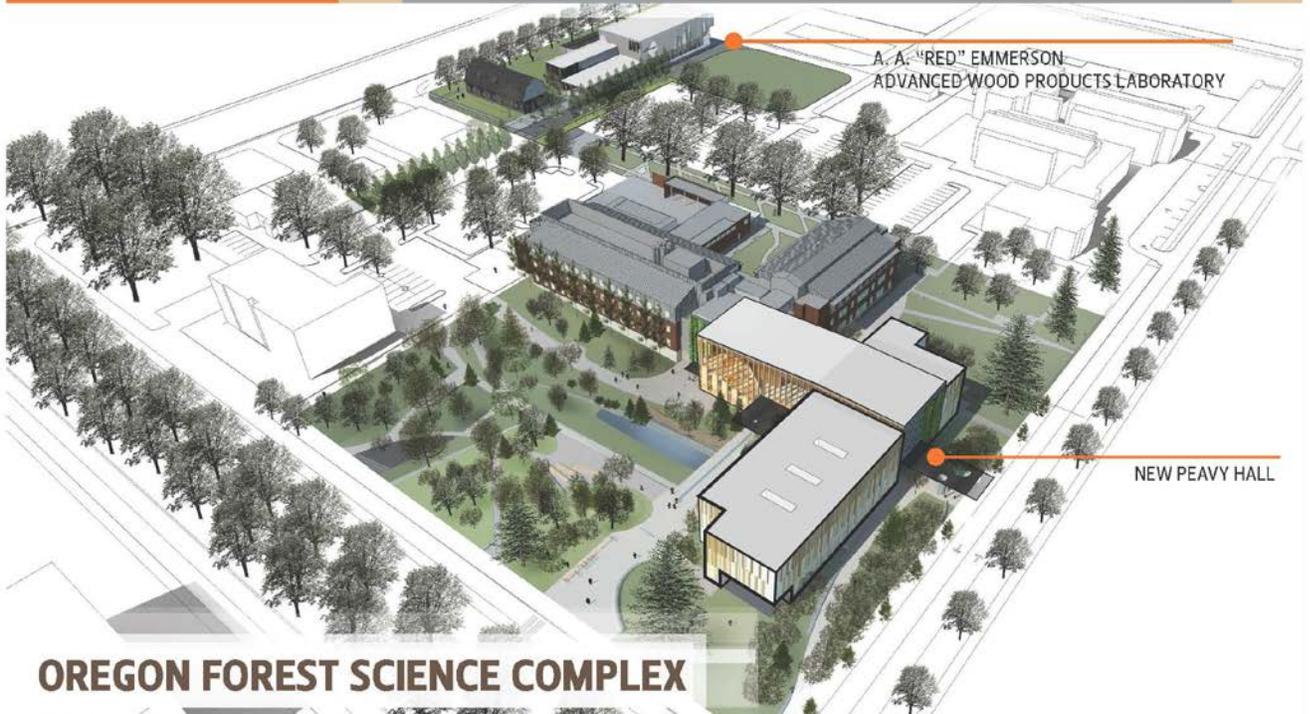
More Information:

1-800-291-4192

oregonstate.edu/partnerships/

New Peavy - Coming Fall 2018!

COLLEGE OF FORESTRY



OREGON FOREST SCIENCE COMPLEX

PROJECT DESCRIPTION

Oregon State University and the College of Forestry officially launched a \$65 million initiative in January 2015 to build the Oregon Forest Science Complex. Once completed, the state-of-the-art facility will provide current and future students with a transformative educational experience across a full range of degree programs. The existing Peavy Hall will be replaced with expanded and innovative classrooms and laboratories, as well as new public spaces supporting student learning and continuing education programs.

A separate portion of the complex facilities will include the A.A. "Red" Emerson Advanced Wood Products Laboratory and will house sophisticated manufacturing systems, a "high-bay" lab with a unique strong floor for full-scale product testing, and a "design" lab to support interdisciplinary education programs. The lab will serve as the home for the new National Center for Advanced Wood Products Manufacturing and Design, a collaboration between the OSU College of Forestry, OSU College of Engineering, and the University of Oregon School of Architecture and Allied Arts to drive commercialization of new and innovative wood products in buildings.

The complex will demonstrate innovative uses of wood in building design and showcase different engineered wood products and materials made in Oregon, reinforcing Oregon State's international status as a premier forestry program.

PROJECT GOALS

- Renew the built environment of the College
- Build modern research and teaching space to recruit students to the college and to forestry careers
- Grow opportunities for undergraduates in research, professional practice and collaborative learning
- Honor the legacy of the forestry profession
- Promote OSU/UO collaboration to position the State of Oregon as a hub for innovative and sustainable building design utilizing new wood products
- Eliminate \$6M to \$10M in deferred maintenance on existing Peavy Hall
- Showcase Oregon's forest products industry and support growth of manufacturing capacity in timber-dependent rural communities

PROJECT INFORMATION

Completion Date: Spring 2018

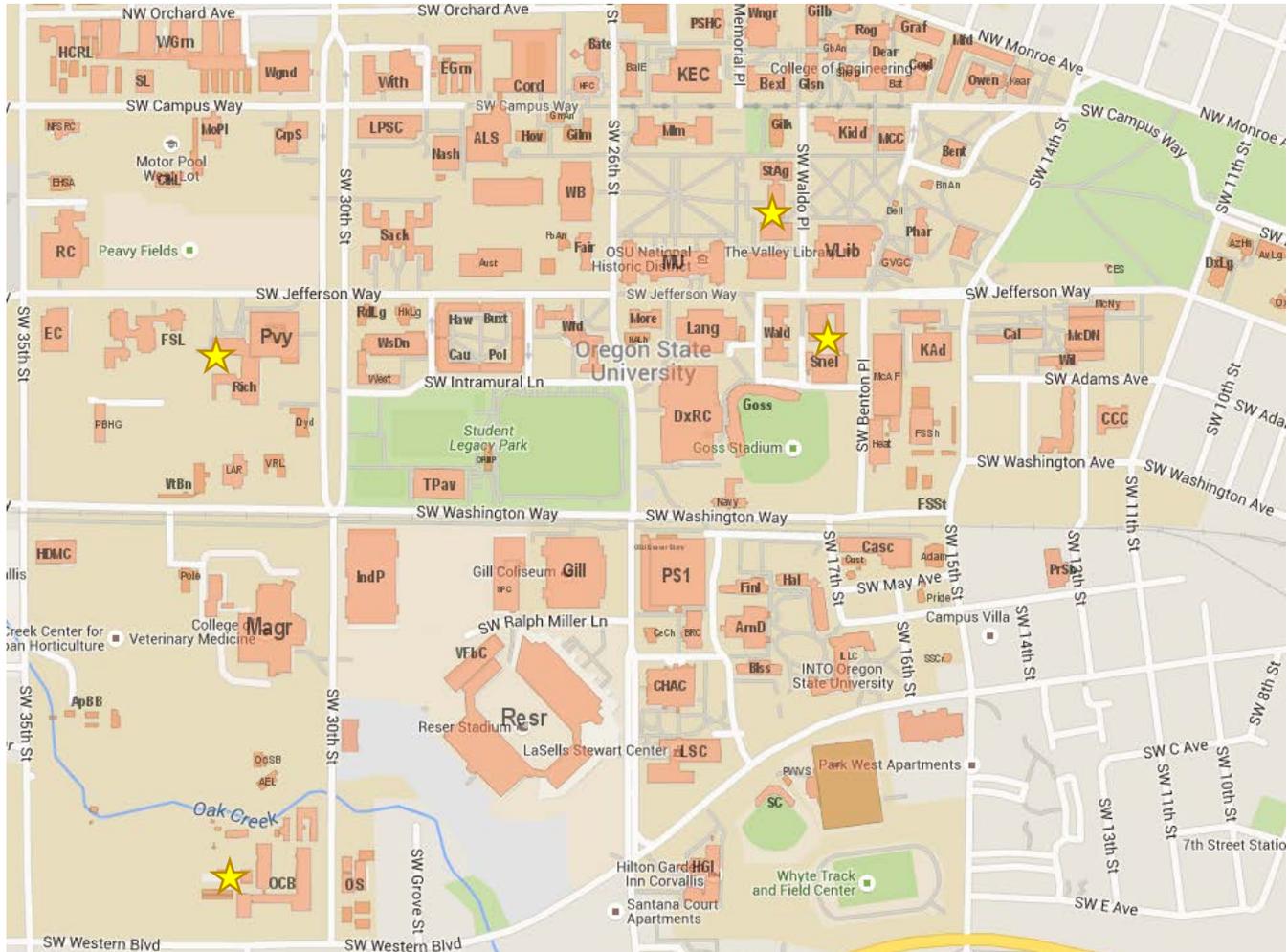
Budget: \$65 million

Size: 85,000+ square feet

Project funding: Public/private partnership equally-funded by donations from members of the forest industry and state construction bonds

Oregon State
UNIVERSITY

College of Forestry Locations



★ College of Forestry Locations

Office/Staff Member	Location
Dean's Office	Richardson 109
Randy Rosenberger, Associate Dean	Strand 270
Academic Advisors	Snell 4 th Floor
FERM Department Office	Snell 210 & 211
FES Department Office	Richardson 321
WSE Department Office	Richardson 119
Student Services Office	Snell 133
Self-Learning Center (SLC)	Snell 123 & 129
Equipment Room	Richardson Hall Lawn – on Jefferson Street
Michele Justice, International Programs	Strand 258
Business Center	CEOAS Building
Forestry Computer Labs	Richardson 203, 207, 215, and Snell 123, 129

College of Forestry Policies

Personal & Professional Requirements

Students are personally responsible for fulfilling all curricular requirements in proper sequence. Work performance and personal conduct are thoroughly appraised by the college. In order to prepare for the ethical standards expected in the workplace, students are responsible for observing the College of Forestry Professional Code of Conduct. Departure from these requirements may result in removal from the college.

Professional Conduct in the College of Forestry

undergrad.forestry.oregonstate.edu/student-services/professional-conduct-college-forestry

The College of Forestry is a community of faculty, staff, students, and visitors that stretches across all spectrums. Every member of the College community is responsible for conduct that creates, promotes, and maintains a learning and work environment that is open to and welcomes all persons. As a community, we embrace each member through the acknowledgement, honoring, and celebration of our commonalities and our differences.

The foundation for maintaining this environment requires that all persons must treat all others with dignity and respect at all times. The College fully supports the mission and goals of Oregon State University and affirms its support of the University policy against discrimination (eoa.oregonstate.edu/), as well as the University's policies on honesty, ethics, and substance abuse (available from the Office of the Dean of Student Life).

College of Forestry students are expected to conduct themselves in a manner that is honest, civil, courteous, and responsible in order to foster a learning environment and to practice behavior that is acceptable in the professional workplace.

Forestry students will use only authorized sources of information in completing their exams and assignments, will honestly report all sources (and references) for work submitted, and will not assist others in using unauthorized sources or in misrepresenting the sources they use. (Copying from others' exams, submitting dry-labbed data, and plagiarism are example violations.)

Forestry students will participate in classroom, lab, or field activities, and participate in groups with whomever they are assigned. Students and instructors will be respectful of the dignity and diversity of individuals, and strive to build constructive relationships with other students and instructors. Students will avoid disruptive and discourteous behavior; such as coming to class late, talking at inappropriate times, using cell phones, or monopolizing class time. Students and instructors will make safety a priority in class and field activities, and will always use/operate equipment (including vehicles and tools) in a safe and legal manner. During class activities*, students, faculty, and staff will completely abstain from the consumption of illegal drugs and alcohol, and be free from their influence. During other COF-sponsored activities**, students, faculty, and staff of legal drinking age will act responsibly and moderately when consuming alcohol.

Students are expected to adhere to the policies described in "Living Within the Acceptable Use Policy" regarding use of Forestry computing resources

(<http://helpdesk.forestry.oregonstate.edu/living-within-acceptable-use-policy?destination=node/2242>).

Conduct Violations

Violations of acceptable conduct not only affect the persons directly involved, but the community as well. Our goal is to first address violations through education where effective. However, the College treats all violations as serious and will follow with disciplinary actions when necessary. All violations of the drug and alcohol rule must be reported and will be acted upon. The College adheres to University policies and procedures as established and administered by the OSU Office of the Dean of Student Life - Student Conduct and Community Standards (studentlife.oregonstate.edu/studentconduct).

Definitions

* A *class activity* is any scheduled activity associated with a course, including lectures, labs, and field trips. This includes overnight field trips, field school, Starker Lecture dinners, and applies to students, faculty, and staff. It does not include activities done independently by students, such as studying for classes, working on independent study classes, theses/dissertations, or internships.

** A *COF-sponsored activity* is any activity that is held on or off-campus that is funded or organized by the College of Forestry, or that is attended by COF faculty, students or staff using any COF funds.

The definition of *student* is any matriculated undergraduate or graduate student. The policy applies to all students taking COF classes or attending COF-sponsored events, whether they are Forestry students or not.

Differential Tuition

Differential tuition is a surcharge added to a student's base tuition. The COF experiences higher than normal costs of instruction – well in excess of the funds we receive from the state to offer our programs. There are several reasons for this:

- 1) Labs often limit the size of certain courses
- 2) Most of our programs require specialty courses, often not taken by many students outside the COF or even outside a specific major
- 3) Some of our courses require specialized field equipment and/or transportation
- 4) Many of our classes require field trips ranging in length from several hours to several days.

The current COF differential tuition is an additional \$10 per credit hour. It applies to all courses taken by students in programs assessed differential tuition, not just courses offered by COF. Differential tuition does not apply to Ecampus courses or our students on the Cascades or LaGrande campuses.

Degree Program	Tuition Rate Assessed
Forest/Civil Engineering	College of Engineering Differential Tuition
Forest Engineering	College of Forestry Differential Tuition
Forestry	College of Forestry Differential Tuition
Renewable Materials	OSU Corvallis Campus Tuition
Recreation Resource Management	OSU Corvallis Campus Tuition
Natural Resources (Corvallis students)	OSU Corvallis Campus Tuition
Natural Resources (Cascades students)	OSU Cascades Campus Tuition
Tourism & Outdoor Leadership	OSU Cascades Campus Tuition

Billing & Payment

All billing for currently enrolled students is processed electronically through eBill. eBill statements are processed on the 5th of each month for students who have current activity resulting in an account balance or credit. Students are sent an email to their ONID email account when their statement is ready to view and can then view their eBill statement online at mybill.oregonstate.edu. Unpaid balances as of the 1st of the month following the eBill statement are considered past due, and will be assessed interest at the rate of 1% per month (12% APR). Students are financially responsible for all courses for which they register. Students are responsible for paying fees by the deadline even if they do not receive a bill.

If you carry a balance on your OSU student account you should note that the balance must be paid down to **\$2,200, and outstanding charges are from only the two most recent terms before you can register** for the next term. In addition, if you owe money from a prior term you are unable to access a complete official transcript until all of your prior term balances are paid.

For full details on billing and payment visit:

fa.oregonstate.edu/business-affairs/studentbilling

oregonstate.edu/dept/fa/businessaffairs/studentfinance/faq_answers

fa.oregonstate.edu/business-affairs/student-debt-management

Academic Calendar & Deadlines

The Academic Calendar is maintained by the Office of the Registrar, and is available online: catalog.oregonstate.edu/ChapterDetail.aspx?key=148

Fall 2016 Academic Calendar

OSU Welcome Week: Begins with university housing move-in and goes the full week, to include the first few days of classes.	Welcome Week events: September 18–25, 2016
Classes begin.	Wednesday, September 21 <i>Note:</i> OSU will observe Veterans Day on Friday, November 11, 2016. The fall term schedule for the 2016–2017 academic year has been adjusted to accommodate this decision.
Verification of enrollment begins.	September 21
Last day to drop a course by Web and receive 100% refund. [End of first full week]	Sunday, October 2, 2016 at 11:55 p.m.
Withdraw from a course with 50% refund. 0% refund after this period. (W grade entered on transcript.)	Monday, October 3–Sunday, October 16, 2016, at 11:55 p.m.
Last day to add a class by Web without departmental permission. [End of first full week]	Friday, September 30, 2016, 5:00 p.m. Sunday, October 2, 2016, at 11:55 p.m.
Last day to add a class by Web with departmental permission. [End of second full week]	Sunday, October 9, 2016, at 11:55 p.m. (The departmental permission process includes gaining instructor permission and submitting paperwork to departmental offices which are not open on the weekend.)
**\$50 late registration fee assessed. [First two full weeks]	Wednesday, September 21–Sunday, October 9, 2016.
Late class add through petition begins. **\$100 late registration fee assessed with approved late add petitions. [Start of third full week]	Monday, October 10, 2016
Tuition bills emailed to ONID accounts.	October 5, payment due November 1, 2016
Audit registration period. [Second full week] (Requires instructor approval; tuition and fees assessed.)	Monday–Friday, October 3–7, 2016 [Not by Web, must come into office.]
Deadline to Apply Online for Graduation (Fall Term).	Friday, October 7, 2016
Veterans Day observed: No classes	Friday, November 11, 2016

Last day to change to or from S/U grading. (Requires approval of academic advisor/dean, see AR 18.) [<i>End of seventh full week</i>]	Thursday, November 10, 2016, at 5 p.m.
*Last day to withdraw from a course by Web, W grade entered on transcript. (Students who want to withdraw from a course but who have a hold on their record should contact or go to the Office of the Registrar for assistance.)	Thursday, November 10, 2016, at 11:55 p.m.
Thanksgiving Holiday observed: No classes	Thursday–Friday November 24–25, 2016
Dead week: No finals or midterms except labs, see AR 16.	Monday–Friday, November 28–December 2, 2016
*Last day for total withdrawal from the university, W grade for each registered course. [<i>Prior to beginning of finals week.</i>]	Friday, December 2, 2016, at 5 p.m.
Finals week.	Monday–Friday, December 5–9, 2016
End of term.	Friday, December 9, 2016
Final grades due to Office of the Registrar.	Monday, December 12, 2016, at 5 p.m.
MyDegrees not refreshing. Due to high volume of activity, MyDegrees data are not refreshed nightly during grading.	Monday–Tuesday, December 12–13, 2016
Grades available on Web.	Wednesday, December 14, 2016
MyDegrees not refreshing. Due to high volume of activity, MyDegrees data are not refreshed nightly during the first two days of the following term.	Monday–Tuesday, January 9–10, 2017
These calendar listings are only a summary. Students are advised to carefully read other sections of the Registration Information Handbook for details concerning registration procedures and deadlines. This calendar is subject to change. Please see the online academic calendars for the most current dates: catalog.oregonstate.edu/ChapterDetail.aspx?key=148	
*See the Tuition and Fee Reduction and Refund Schedule in the Fees and Fee Payment section.	
**The late registration fee is only assessed for initial registrations that occur after the term begins. The late registration fee is not assessed for additional add/drop changes that occur during the first two weeks of the term.	

Terminology

Academic Warning or Academic Probation: Academic Warning (AW) and Academic Probation (AP) are part of the University's Academic Standing terminology. The full Academic Standing policy (Academic Regulation #22) can be found online: catalog.oregonstate.edu/ChapterDetail.aspx?Key=75.

Oregon State University expects students to maintain satisfactory academic progress toward degree completion. At the conclusion of each term, grade-point averages are calculated and academic standings determined for students seeking a baccalaureate degree according to the criteria outlined below. Students whose standings evidence a lack of satisfactory progress will be warned of this condition and advised to seek help from their academic advisors.

- 1) **Academic Warning:** Students with a term GPA below 2.0 will be placed on Academic Warning.
- 2) **Academic Probation:** Students who have attempted¹ 24 or more credits at OSU and have an OSU cumulative GPA below 2.0 will be placed on Academic Probation. Students who attain a cumulative GPA of 2.0 or better are removed from Academic Probation.
- 3) **Academic Suspension:** Students who are on Academic Probation and have a subsequent term GPA below 2.0 will be placed on Academic Suspension. Academic Suspension is recorded on the student's academic record. Students who are academically suspended are denied all the privileges of the institution and of all organizations in any way connected to it, including any university-recognized living group.
- 4) **Reinstatement to the University:** Suspended students will be considered for reinstatement to the university after two years or completion of a minimum of 24 quarter credits of transferable college-level work at an accredited college or university, with a GPA of 2.5 or above.

¹ An attempt comprises a final grade in a course where the grade is: A, A-, B+, B, B-, C+, C, C-, D+, D, D-, F, S, U, P, NP, I/Alternate Grade (where the Alternate Grade is one of these grades), W.

Canvas: Canvas is the learning management system used for all Oregon State University courses. OSU will be supporting both Blackboard and Canvas during the transition period so you may have some courses in Blackboard and others in Canvas.

Catalog: The catalog is the official record of information about the University, colleges and departments, degrees and programs, and policies. It is updated annually and accessible online: catalog.oregonstate.edu/. You will be required to fulfill the degree requirements in the catalog for the year in which you matriculate. Changes made to programs in subsequent catalogs should not affect your curriculum.

Class Standing: Students are classified as Freshman/First-Year, Sophomore, Junior, and Senior according to the number credit hours completed.

First-Year	1-44 credits
Sophomore	45-89 credits
Junior	90-134 credits
Senior	135+ credits

Your earned credits also have an impact on when you register: the more credits you have, the higher you are on the priority registration list each term.

Closed Classes: You may find that a course you need is closed. What do you do?

1. First, you can add your name to an automated wait list (*NOTE: Not every course has wait listing*). *Waitlisting is only available in Phase II of registration.* To use the wait list feature, type the CRN into the registration worksheet and click SUBMIT. Then, click Submit again to add yourself to the wait list. When space becomes available in the class you will receive a notification in your ONID email. You will have 24 hours to register for the course or you will lose your place on the waiting list.
2. Your second option is to contact the department offering the course. There are no guarantees with this method, but some departments grant registration overrides if they feel the situation warrants it. Contact the main office for the department offering the course.

CRN: The “Course Reference Number” is a 5-digit number assigned to an individual section of a course. Every lecture, lab, and recitation section has its own CRN.

Deadlines: University deadlines are outlined in the Academic Calendar (catalog.oregonstate.edu/ChapterDetail.aspx?key=148). This includes deadlines to add, drop, or withdraw from a class, and to change to S/U grading. Your academic advisor can assist you with understanding and interpreting these processes and deadlines, but students are ultimately responsible for taking the required action in a timely fashion.

Degree Partnership Program (DPP): DPP allows you to be a student at OSU and a participating community college simultaneously. Sometimes referred to as dual-enrollment. See page 76 for more information on DPP.

Differential Tuition: Differential tuition reflects a surcharge added to a student’s base tuition. Programs that 1) need to offset higher than average costs of instruction, 2) need supplemental resources to enhance program quality, or 3) experience higher than normal program demand are permitted to adopt this fee. See page 81 for COF differential tuition rates.

Dropping a Class: Students are allowed to drop a class within the first two weeks of the term, and perform the drop in Online Services. Dropped courses will not appear on your transcript, and you will be refunded a pro-rated portion of the tuition for the course you dropped.

Ecampus: Ecampus is the entity which provides OSU's online courses and degrees. If you enroll in an Ecampus course, Ecampus tuition and fees are charged in addition to your on-campus tuition and fees. These fees are based on a fixed per-credit rate which can be viewed here: fa.oregonstate.edu/budget/budget-development-resources/tuition-fees. Ecampus courses are the same price for Oregon residents, non-residents, and international students.

Electronic Student Evaluations of Teaching (eSET): eSET is the mechanism for students to provide feedback about classes to faculty members. Each term, you will receive an email asking you to complete online teaching evaluations for each of your classes. Your responses are confidential, and are used to help faculty refine their courses and their teaching.

Equipment Room: See "Instrument Room"

Fernhopper: "Fernhopper" is a nickname given to College of Forestry students and alumni. Historically, Pacific Northwest loggers and foresters were known as Fernhoppers. The name has continued as a tradition at OSU and is given to all OSU College of Forestry graduates. It is also the name College of Forestry's weekly e-newsletter (p. 61).

FERPA: FERPA is the Family Educational Rights and Privacy Act of 1974. The legislation protects the privacy of your student records and regulates how that information is utilized. University employees are prohibited from sharing any information about you or your educational record with anyone but you. Should you wish to allow your parent/guardian/spouse to have access to your student record, you will have to complete a waiver of your FERPA rights. Each university office has its own waiver form so you may have to complete multiple waivers. The College of Forestry FERPA waiver can be accessed here: studentservices.forestry.oregonstate.edu/forms

Field School: Field School is an intensive two-week hands-on experience that prepares students in Forestry, Forest Engineering, and Forest/Civil Engineering for pro-school. It is required of all students entering the professional program, and takes place in the summer (two weeks prior to the start of fall term, junior year).

GAP: General Access PIN. This number will allow you to access grades, schedules and bills online. Initially, all GAP numbers will be assigned by the Registrar's Office, using birth date (example: Birth date April 3, 1997 = GAP 040397). The first time you log into the system, you will be asked to change this to a six-digit number of your choice. This number will be your permanent GAP unless you change it again.

Holds: A hold is placed on your account to block your ability to register or to request transcripts. Holds can be placed by a variety of offices and are usually imposed for failure to comply with a policy or procedure. For example, Student Health Services may place a hold on your account if you do not submit required immunization paperwork. You will be able to view your holds on your MyDegrees page, and must contact the office that placed the hold in order to have it removed.

Individualized Specialty Option (ISO): Some College of Forestry majors (Natural Resources and Recreation Resource Management) allow students to create an Individualized Specialty Option or ISO. Students work with their advisor to choose a theme or topic of interest for the ISO, and select courses that will match the theme. ISO's must be documented and approved

Instrument Room: Located in temporary trailers on the lawn north of Richardson Hall (on Jefferson Street), the instrument room is where students check out equipment for field labs and classes. Equipment available for check-out includes hard hats, diameter tapes, compasses and clinometers. A full list of available equipment is posted in the instrument room. Also known as the "equipment room." forestry.oregonstate.edu/peavy-hall-instrument-room

Lecture, Lab, Recitation, and Hybrid: These are four types of classes you might have at OSU. Lectures are large group class meetings and are the primary mode of instruction here at OSU. Often, lectures will be accompanied by labs and/or recitations which are smaller group meetings where students will complete activities related to the class. Hybrid courses are a combination of lecture and online formats.

MyDegrees: An online checklist of your degree requirements, and a tool used for planning, advising and degree verification. You and your academic advisor have access to your MyDegrees record and you will use it to track your progress and plan your future courses. Your advisor may leave notes for you in MyDegrees, and may also include course plans developed during your advising appointment. MyDegrees is accessed through the MyOSU portal or Online Services.

MyOSU: MyOSU is an online portal from which you can access all your OSU accounts and resources. This is your primary point of entry to all ONID-authenticated OSU services. main.oregonstate.edu/

No-Show-Drop (NSHD): Certain courses are designated in the Schedule of Classes as NSHD. A student who is registered for such a course and who attends no meeting of the course during the first five (5) days of the term WILL be dropped from the course unless the student has obtained prior permission for absence (Academic Regulation 9c).

ONID: This is your OSU “Network ID.” Your ONID account not only gets you a university e-mail account (which we *strongly encourage* you to use) and server space for a web page, but it also grants you access to tools like Canvas.

All official university email will be sent to your ONID account, and most university officials will only respond to messages sent from your ONID (rather than non-ONID email addresses). Examples of messages sent to your ONID include emails from your professors related to class requirements, your tuition bill, information from your academic advisor, campus emergency alerts, or messages from COF Student Services related to job opportunities, scholarships, and events. **Students are responsible for the information sent to their ONID accounts regardless of whether they choose to read the messages.**

Override: An override is a code entered into the registration system to allow you to sign up for a class for which you might otherwise be prevented. For example, if your transfer credit for MTH 111 isn’t showing up online, you might get a prerequisite error when attempting to register for MTH 112. The Math Department could issue you an override and you would be able to register for MTH 112.

Pass/No-Pass (P/N) Grading: Alternative form of grading assigned to specific courses. These courses are not included in grade point averages, but a “P” grade will apply to graduation credit.

PIN: A six-digit personal identification number used to unlock the registration system and sign up for classes. College of Forestry students will receive a new PIN every term, and obtain the PIN by meeting with their academic advisor.

Prerequisite: A class that provides the background necessary for successful performance in a course. OSU uses an automated check of students’ records at the time of registration to ensure that students have successfully completed the enforced prerequisites for certain courses (e.g. SOC 204 is an enforced prerequisite for SOC 312). You may also encounter other prerequisites. Not having the other prerequisite class won’t prevent you from registering for a class, but you should abide by this strong recommendation. Departments reserve the right to remove you from a class if you haven’t met any listed prerequisite.

Phase I & Phase II Registration: Registration is organized into two phases. Phase I is your first opportunity to register for classes, and you are allowed to sign up for a maximum of 16 credits. Phase II follows Phase I, and is your opportunity to add additional credits or sign up for the waiting list for a course.

Pro-School: Forestry, Forest Engineering, and Forest/Civil Engineering majors have a pre/pro model. Students spend their first two years in the pre-forestry program, and then apply to move into the professional forestry program (or “pro-school”) for their junior year. Admission to the professional program is based upon satisfactory completion of the pre-forestry curriculum (with grades of C or higher in all courses) and a minimum pre-forestry GPA of 2.25. Students in pre/pro majors are encouraged to work closely with their academic advisor to ensure timely progress in the curriculum.

Recitation: Some classes will require a recitation in addition to the lecture (for example, most math classes have a lecture and a recitation). Recitations are usually made up of smaller groups of students from your lecture, meeting once a week. Attending recitation is a required part of your grade for the course. Recitation will be facilitated by your instructor or teaching assistant, and often include review of the lecture material, practice problems or review of assignments, time to ask questions, and quizzes.

Registration: Registration is the act of signing up for classes. The order in which students register is based on the number of credit hours they have accumulated. Those with the most credits (seniors) register first, followed by juniors, sophomores, and first-years. Your specific registration date and time can be found in Online Services (*Registration -> Check Your Registration Status*). See also: Phase I and Phase II Registration.

Satisfactory/Unsatisfactory (S/U) Grading: The ‘S’ grade corresponds to a letter grade of ‘A’ through ‘C-’. The ‘U’ grade corresponds to a letter grade of ‘D+’ or lower. Students have until the end of the seventh week to change a class to S/U grading, and must obtain approval from their advisor. Up to 36 credit hours can be graded S/U, except those courses required, by department, for major and/or minor options. S/U grades do not apply to GPA calculations (Academic Regulation 18).

Schedule of Classes: The schedule of classes is an online listing of every course being offered for the coming year. The schedule includes the course meeting times, location, instructor, prerequisites, etc. You can access the schedule of classes online: catalog.oregonstate.edu/.

Tuition Bill: OSU provides account statements electronically through eBill, and does not mail out paper copies of statements. Detailed information about your account, fees, and billing can be accessed on the Business Affairs website: fa.oregonstate.edu/business-affairs/answers-frequently-answered-questions-student-finance.

Waiting List: See Closed Classes on page 86 or: oregonstate.edu/registrar/register
Online Registration tutorial: oregonstate.edu/registrar/node/93/#RegistrationVideos

Withdraw from a class: Students have the opportunity to withdraw from a course between the drop deadline and the end of the seventh full week of the term. *If you decide to withdraw from a class, you process the change the registration portion of your Online Services.* When you withdraw from a course you are no longer part of the class, and do not need to complete the rest of the assignments for the class. The course will still appear on your transcript, but a grade of W will be assigned, and you will not earn any credit for the course. A W grade is GPA neutral. When you withdraw from a course you will receive a pro-rated tuition refund. The University allows withdraw from a maximum of 12 individual courses.

Withdraw from the University: If you are enrolled in courses as of the first day of the term and elect to drop or withdraw from all of your courses for the term, you are withdrawing from the university for the term. The withdrawal is only effective for the term in which you drop or withdraw your courses. Your transcript will reflect your withdrawal from the university in the form of a comment that indicates that you withdrew for the term and the effective date of the withdrawal. All currently enrolled courses will be assigned a W grade indicating that you withdrew from the course. The W grade indicates the course was not completed, no credits were earned, and it is not used in the computation of the grade-point average.

Scheduling Worksheet

Time	Monday	Tuesday	Wednesday	Thursday	Friday
8:00					
:30					
9:00					
:30					
10:00					
:30					
11:00					
:30					
12:00					
:30					
1:00					
:30					
2:00					
:30					
3:00					
:30					
4:00					
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5:00					
:30					
6:00					
:30					
7:00					

Notes

