Forestry is the science of developing, caring for, and managing forests and all natural resources within a forest ecosystem. The primary goals of a forester include harvesting timber and protecting the forest for conservation and recreational purposes. Professional foresters play a critical role in understanding and protecting multiple-use natural resources. The College of Forestry now offers a degree program called “Forestry.” The Forestry major consists of hands-on curriculum and a focus on science, economics, mathematics, and statistics. Students take courses in soil science, harvesting, conservation, silviculture, economics, watershed management, mensuration, and dendrology.

Options of Study

Within the Forestry program, there are two options for students to choose from: Management and Operations. **Management** students learn to understand complex patterns and diversity within our forests and how to manage these forests towards a healthy and productive state. **Operations** students learn how to optimize forest operations to be economically rewarding, protective of the environment, and socially acceptable, creating a stronger and more competitive forestry industry. The operations option includes additional business, marketing, and policy courses, while the management option includes additional courses in wildland fire, ecology, wildlife conservation, and recreation resource management.

Professional School

The College of Forestry is a leader in producing quality, professional graduates within the field of forestry. To enhance the professional atmosphere of the college, a pre-professional and professional school program has been implemented. To ensure that our graduates have a firm grasp on the knowledge and skills required of professional foresters, students must complete pre-professional courses and meet academic standards before applying to professional school. Once students have fulfilled all first year and sophomore requirements with a grade of “C” or better and a minimum GPA of 2.25, they apply to professional school. Pro school begins with a two-week Forestry Field School prior to fall term of junior year.

Career Opportunities

Forestry graduates are highly sought after by private timber companies, environmental organizations, and government agencies such as the U.S. Forest Service and Bureau of Land Management. Careers range from professional foresters and forest managers to fire ecologists, hydrologists, and silviculturists. Operations students can also find employment as contract administrators, operations managers, or even operating their own contracting business.
Student Profile: Emily Day

Emily Day is no ordinary college student. Originally from Corvallis, Emily graduated from high school unsure of what she wanted to study in college. Instead of finding her field of study in a classroom, Emily explored the world: “I decided I would postpone my education and would find my career path through travel and by experiencing new places.”

After working in California, Idaho, and Montana, she spent a year in New Zealand working at farms and vineyards while hitchhiking around the country. She met her husband during this time, and moved to Europe to be with him. While living abroad, Emily worked toward an associate’s degree through online courses, but it eventually became clear to her that it was time to pursue and finish a bachelor’s degree. Emily’s travels steered her toward a degree in forestry: “Travelling led me to pursue a career that would help sustain the health of the environment and where I could make a positive contribution.”

Returning to her hometown, Emily was admitted into the Forest Management (Forestry) program in the fall of 2012. However, she changed her major to Natural Resources (NR), explaining that, “The Natural Resource major seemed to be the most aligned with my goals and interests in ecological restoration, conservation, plant ecology, and soils.”

In addition to her studies, Emily has taken full advantage of the resources offered at OSU and the CoF. She was a part of the Women Returning to Higher Education (WORTHE) program, which supports undergraduate women 25 years of age and older. This past summer, a reference from a CoF professor helped Emily land a position as a Habitat and Range Ecology Technician for the Eastern Oregon Agriculture Research Center in Burns, OR. Emily also joined the University Honors College and is an Ambassador for Agriculture, Forestry, and Natural Resources. For Emily, Ambassadors is a way to obtain leadership skills and professional development, and she “enjoys being actively involved in the college and being a part of a team of highly motivated students achieving a common goal.”

OSU recognized Emily’s academic excellence and superior extracurricular achievements with an honorable mention for the Clara H. Waldo & E.A. Cummings Outstanding Student Award during the Student Recognition Awards Ceremony last May. She also received the Druscilla Shepard Smith Scholastic Award for her sustained 4.0 GPA.

Not only is Emily passionate about nature, but she loves gardening, hiking, camping, backpacking, swimming, and snowshoeing. Luckily, all of these hobbies and more are accessible in Corvallis: “The ocean, mountains, and Portland are only about an hour away as well. Great hiking trails are also nearby in McDonald-Dunn Forest.”

Once she has completed her NR degree, Emily hopes to have a solid, well-rounded knowledge base that will lead her to obtain work experience or a master’s degree in her field. Emily has proven to be an extraordinary student, and says that, “Being a part of the university and the CoF has given me the confidence and determination to reach my fullest potential. I found focus and motivation that I never knew I possessed.”
Beaver Travel Tips

Walk & Bike

Welcome to Corvallis, Oregon, the #1 bicycle city in America! The American Community Survey reported Corvallis as having the highest percentage of bicycle commuters and the second highest percentage of pedestrian commuters of any city over 50,000 in population in the United States. Over 97% of its streets and major roads have bike lanes (46 miles) and there are even multi-use paths around town devoted exclusively to bikes, pedestrians, and horses ... no cars allowed! Thanks to Corvallis’ small size, relatively flat terrain, excellent bike shops, mild weather, and abundant bike lanes/paths, most people are able to ride to work, school, or even downtown in 15-20 minutes. In Corvallis’ 2011 National Citizen Survey, area residents gave Corvallis a rating of 86 out of 100 in terms of ease of walking and cycling, and availability of paths and walking trails. The League of American Bicyclists has recognized Corvallis as a Gold Level Bicycle Friendly Community since 2000. Most people in Corvallis are very welcoming and friendly toward cyclists and vehicles will often wave to cyclists and allow them to pass in front of them.

7 Advantages of Cycling

Money: Save money by using less gas for your vehicle and avoid paying for parking passes (or tickets).

Time: Avoid the endless search for an available parking space and save time by dodging traffic to and from work and events like OSU football games! Bonus: with a bike, you don’t have to wait in line at the gas station.

Health: Improve your personal health with frequent exercise and calories burned, as well as increased balance, strength, cardiovascular fitness, flexibility, endurance, and stamina, without being too hard on your joints.

Stress Relief: Release stress and feel energized and happier with the extra endorphins that bike riding brings.

Environment: Benefit your community by decreasing the noise of vehicles around town and the harm to the environment from car exhaust.

Automobile Life: Extend the life of your vehicle by decreasing the daily wear and tear and only using it for longer trips and stormy days.

Scenery: We are often so busy that it is rare for us to stop and enjoy the scenery around us, especially while driving at high speeds. On a bike you are able to enjoy the beauty around you and appreciate nature in an entirely new way.

In addition to the benefits listed above, there is the priceless feeling of having fresh air on your face first thing in the morning as you ride to work or school. If your destination is OSU, there are several bike paths leading to campus including a scenic bike path on the west side of campus that can be reached by taking SW 53rd Street to Reservoir Ave and turning onto Midge Cramer Path which turns into SW Campus Way. (Continued on next page)

Helpful Resources & Links

City of Corvallis: Bike & Pedestrian Programs

OSU Outdoor Equipment Rental & Bike/Ski Shop
http://oregonstate.edu/recsports/equipment-rental-bike-shop

OSU Public Safety Office
http://oregonstate.edu/dept/security/bike_safety/

Corvallis Transit System

HUT Airport Shuttle
http://www.hutshuttle.com/
While on this bike path, you pass a field of alpacas, a covered bridge, and several OSU Agricultural Science buildings including the Sheep Barn, Farm Services, Rabbit Research Lab, and Multi-Animal Teaching Facility.

Retail and repair shops are abundant throughout Corvallis, where you can seek advice, buy parts, have repairs done, and purchase or trade in bikes. There is even a bike shop right on campus at the Dixon Recreation Center. If you are on a tight budget, be sure to look on Craigslist for a good deal. Not sure you want to purchase a bike? Check out the Oregon State Bike Loan Program, which provides OSU students, faculty and staff access to low-cost bike rentals.

If you are wondering what kind of bicycle to get, keep in mind how often you will ride and where you will be riding. If you are planning on commuting or riding around town on mostly paved roads, a road bike or hybrid would be an excellent choice. However, if you are more interested in riding on trails and through the forest, a mountain bike would be your best bet. Corvallis has an abundance of good mountain biking trails, and many of the trailheads in the McDonald-Dunn forest are just minutes from town.

When you are riding your bicycle, don’t forget to wear a helmet! It would also be worth the extra money to invest in a bike light for night rides, a water bottle holder, and a U-lock. While OSU is a very safe and friendly campus, bike theft is an inevitable problem. So be sure to lock up your bicycle wherever you go, preferably with a sturdy U-lock. You can also register your bicycle with the Department of Public Safety, located at 200 Cascade Hall, which will greatly improve your chances of finding your bike in the unlikely event that it is stolen. There are bike racks outside most buildings on campus, many of which are covered to keep bikes dry when it is raining. It is rarely difficult to find parking for your bike, and on a college budget you can’t beat the price (free!).

**Corvallis Transit System**

If the rainy weather prevents you from hopping on your bike, the City of Corvallis also offers the Corvallis Transit System (CTS). The day-time CTS routes and late-night Beaver Bus services are free of charge and have multiple pick-up and drop off locations around town to ensure that you reach your destination in a convenient and timely manner.

Depending on where you live and where you are trying to go, you may also want to utilize other bus systems that connect to CTS, such as the Philomath Connection, Linn-Benton Loop and 99 Express, which do charge fares.

**HUT Shuttle & Airports**

Worried about traveling home for holidays and breaks? Corvallis is in close proximity to the Portland International Airport (PDX) and Eugene Airport (Mahlon Sweet Field). To help make traveling easier and eliminate the need for airport parking, PDX offers the HUT Airport Shuttle service that departs from the Corvallis Hilton Garden Hotel and the OSU Bookstore and drops riders off at PDX. Shuttles leave every 2 hours every day, making it a convenient way to get to and from the airport.

**Rollerblade, Skateboard, Scooter**

As Seri Robinson, Assistant Professor for Anatomy of Renewable Materials, states in her interview on page 6, the bike paths throughout Corvallis are not restricted to bicycles. Many people enjoy roller skating, skateboarding, and even riding scooters down these convenient paths. There is a roller park near downtown Corvallis, and there are even roller derby leagues including the Corvallis Sick Town Derby Dames and Salem’s Cherry City Derby Girls.

As you can see, it’s fun and easy to get around in Corvallis. The city’s bike and pedestrian friendly nature improve the quality of life for its residents and visitors, and help make OSU the greenest school in the state of Oregon and 11th in the country according to the Sierra Club’s new rankings of environmentally minded colleges. So help the environment, help your wallet, and help your health by utilizing alternative forms of transportation such as bicycles, roller skates, bus services, and your own two feet!
Faculty Profile: Sara Robinson

Sara (Seri) Robinson uses fungi to create art. Actually, she creates art through spalting, the coloration of wood caused by a fungus. One of the newest members of the College of Forestry (CoF), Seri is the Assistant Professor for Anatomy of Renewable Materials (RM) within the Wood Science & Engineering (WS&E) department, and is a key player in the research and development of wood spalting.

“It’s a field that no one else is in; it’s all new. Even mistakes are good because you are learning something new,” Seri explains. “And it’s pretty!” she adds brightly.

Professor of wood anatomy is not Seri’s only job title; she is also an artist. Her job is extremely unique in that it integrates design and art with science.

“I strive to not be ‘just’ an artist or ‘just’ a scientist, but to blur the line between the two disciplines,” Seri says.

Interestingly enough, Seri did not always intend to study wood science. She received a B.S. in Criminal Justice/Art & Design-Woodworking from Northern Michigan University in 2003 and joined the Peace Corps Master’s International Program. She tried traveling to Nepal for her Peace Corps service, but was unable to complete the trip because of the Nepalese Civil War. So she finished her M.S. in Forest Science (Wood Science) at Michigan Technological University. After teaching English for a year in Thailand, Seri returned to Michigan Tech to earn a Ph.D. in Forest Science (Wood Science) in 2010.

Last January, Seri moved to Corvallis to work in the department of WS&E. So far she enjoys the OSU campus, the flexibility of her position, and the big wood shop where she creates unique art with a wood lathe. The small size and friendly atmosphere of the college are a bonus!

“When you’re a small college like this, you know everyone,” Seri remarks. “Students don’t tend to fall through the cracks as much.”

When Seri is not teaching or in the lab, she is traveling! She has lived in Ireland, Germany, Thailand and Canada, and has visited England, Wales, Scotland, France, Turkey, Peru, Mexico, Cambodia, Burma, China, Sweden and Australia. Next year she plans on traveling to Estonia for an art show. Seri speaks fluent English and German, and is functional in speaking Thai, Japanese, and Chinese. After visiting so many different countries, Seri is somewhat of a food connoisseur and boasts of an impressive list of “strange meats” that she has eaten including kangaroo, guinea pig, rat (on a stick!), dog, cat, duck, rabbit, horse, and insects such as crickets, cock roaches, and worms.

“I will try any food once,” Seri declares in all seriousness.

So what does this world traveling, insect eating artist/scientist enjoy most about Corvallis?

“I like the bike lanes because I roller skate and I like the running trails and the roller park,” she replies.

Seri loves roller derby and is a member of the Dolls of Anarchy, a team affiliated with the Cherry City Derby Girls. But it is her love of wood working, art and design that ultimately led her to where she is today.

“Students with a passion for the outdoors and hiking may find the CoF to be the right fit for them,” Seri notes. In particular, “students with a passion for wood working, ceramics, art and design may be interested in WS&E.” Seri’s advice to students is to, “Have passion. Nothing else matters,” she affirms. “The best part about graduating with a degree in forestry or WS&E is that students can get paid to do what they love.”

For more information on Seri’s work, visit the Northern Spalting website at www.northernspalting.com
NEW: Forestry Open Pathways Scholarships

The College of Forestry is pleased to announce the Forestry Open Pathways Scholarships. Our goal is to enrich the academic environment by embracing a broad range of perspectives and to provide opportunities for our students to fully participate in a diverse community. These scholarships are available to meritorious, incoming undergraduate students (first year and transfer) from diverse and/or non-traditional backgrounds who are citizens of the United States. One scholarship will be available annually for each of the following categories:

First Generation - Available to students who are first in their immediate family to attend college.

Enhancing Diversity - Available to students who will enhance the College of Forestry through their experience as members of underrepresented communities.

Overcoming Economic Hardship - Need-based and available to students from low income backgrounds.

Awards will provide recipients with a 1-year* scholarship of $5,000.00

Evaluation Criteria

Scholarship recipients will be selected by the College of Forestry Scholarship Committee. Candidates will be evaluated based on the following criteria:

- U.S. Citizen or permanent resident
- Commendable academic achievement
- Previous participation in a TRIO program
- Previous participation in a College Assistance Migrant Program (CAMP)
- Previously attended a minority-serving institution
- Primary language other than English
- Documented financial need (based upon FAFSA application process for the proposed award period) with consideration to low income status
- First generation to attend a university
- Previous participation in a program for underserved students
- Demonstrated engagement with communities that are underrepresented in higher education and an ability to bring this experience and knowledge to the College of Forestry

Eligibility Criteria

Scholarship recipients must meet the following eligibility criteria:

- Maintain full-time enrollment (minimum of 12 credits) during Fall, Winter, and Spring terms
- Have the College of Forestry on record as their primary college if they have a double major
- Make reasonable and continued progress toward completing their College of Forestry degree program while receiving the scholarship
- Have at least 6 of 12 credits at OSU each term they are dually enrolled in the Degree Partnership Program
- Maintain high academic standards (generally considered to be at least a 3.0 OSU cumulative grade point average)

Interested students must complete an online College of Forestry scholarship application. Applications must be received by the College of Forestry by February 1, 2014, to be given priority consideration.

*As Open Pathways Scholarships are open only to incoming students at this time, students receiving this award for their first year of school will want to reapply the next year for general CoF Scholarships. Details can be found on the Scholarships page.