Natural Resources Major with Forest Ecosystems Option

Natural Resources students are passionate about the world around them. They collaborate to preserve and protect the natural world for future generations. Students will understand the nature of forest ecosystems and the process 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.

Your Bachelor’s Degree (BS) in Natural Resources

- A minimum of 180 credits are required for graduation; 60 must be upper division (300 and 400-level courses).
- A maximum of 135 credits earned at a community college may be applied toward a bachelor’s degree at OSU.
- Only courses with letter prefixes and numbers above 100 are accepted.
- More info at forestry.oregonstate.edu/undergraduate-programs/natural-resources/forest-ecosystems

Courses Required for Natural Resources Major

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Advanced Communication

- Intro to Communication Theory
- Small Group Problem Solving
- Communication in Organizations
- Intercultural Communication
- Non-Verbal Communication
- Communication and Culture in Cyberspace
- Theories of Conflict and Conflict Management
- Bargaining and Negotiating Processes
- Forest as Classroom
- Effective Comm in Fish & Wildlife Sciences
- Critical thinking for NR Challenges
- Environmental Interpretation
- Technical Writing
- Science Writing
- Environmental Writing
- Professional Writing

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Biology I

- Introduction to Biology I
- Principles of Biology: Cells

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<td>Wildlife in Agricultural Ecosystems</td>
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<td>Anthropology, Health, and the Environment</td>
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<td>Anthropology of International Development</td>
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<td>Oceans, Coasts &amp; People</td>
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<td>Social Dimensions of Sustainability</td>
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<td>Recreation Resource Management</td>
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<td>Outdoor Recreation on Public Lands</td>
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<td>Nature, Eco, and Adventure Tourism</td>
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<td>Communities, Natural Areas, and Tourism</td>
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<td>Parks &amp; Protected Areas</td>
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<td>Women and Natural Resources</td>
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<td><strong>Spatial Analysis</strong></td>
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<td>Precision Agriculture</td>
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<td>GIS and Forest Engineering Applications</td>
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# Courses Required for Forest Ecosystems Option

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<td>Field Methods in Ecological Restoration</td>
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<td>Field Methods in Plant Ecology</td>
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<td>Forest Mensuration</td>
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<td>Forest Pathology</td>
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<td>Plant Systematics</td>
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<td>Range Ecology I – Grasslands</td>
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<td>Ecosystems of Wildland Soils</td>
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<td>Soil Systems and Plant Growth</td>
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<td>Soil morphology and Classification</td>
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<td>Forest Photogrammetry &amp; Remote Sensing</td>
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<td>Harvesting Operations</td>
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<td>Intro to Statistical Methods I</td>
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<tr>
<td>Intro to Statistical Methods II</td>
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### General Education Courses (called the Baccalaureate Core)

- Complete one course in each Perspective category with no more than two in the same department.
- Full listing of Clatsop CC courses that fulfill Bacc Core requirements: [admissions.oregonstate.edu/baccalaureate-core-course-equivalencies-clatsop-community-college](admissions.oregonstate.edu/baccalaureate-core-course-equivalencies-clatsop-community-college)

<table>
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<th>SKILLS COURSES</th>
<th>Math</th>
<th>Completed as part of major: MTH 112 or higher WR 121. Required to transfer. Can be completed as part of major: see advisor Choose one course from Bacc Core link above HPE 295 @ Clatsop</th>
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<td>Social Processes and Institutions</td>
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<td>Western Culture</td>
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| DPD COURSE         | Difference, Power, & Discrimination | Can be completed as part of major: see advisor                                                                                     |

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<th>SYNTHESIS COURSES</th>
<th>Contemporary Global Issues</th>
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<tr>
<td></td>
<td>Science, Technology, &amp; Society</td>
<td>Upper division course, take through OSU</td>
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### Advising Contacts

Academic advisors at your community college and OSU are available to answer your questions and assist you in creating a transfer plan. **See your community college advisor first and use this Transfer Guide to help you plan.** It is important to speak with your OSU academic advisor early on, and often, to ensure correct course selection and sequencing. See [visitosu.oregonstate.edu/visit-campus](visitosu.oregonstate.edu/visit-campus) to schedule your personalized visit.

<table>
<thead>
<tr>
<th>Clatsop Community College</th>
<th>clatsopcc.edu/academic-planning/academic-advising/</th>
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</thead>
</table>
| OSU College of Forestry Prospective Student Advisor | Autumn VanderLinden  
|                                                   | 541-737-9135  
|                                                   | Autumn.VanderLinden@oregonstate.edu |

*Updated July 2022*