Forestry Major with Forest Restoration & Fire Option

The forestry degree program prepares graduates to actively plan for, observe and manage the health of the entire forest ecosystem. Professional foresters play a critical role in understanding and protecting multiple-use natural resources.

The primary goals of a forester include managing forested landscapes for sustainable timber harvesting, and protecting forests for conservation and recreation purposes.

Your Bachelor’s Degree (BS) in Forestry

Degree Requirements:
• A minimum of 180 credits, of which at least 60 must be upper division (300 and 400-level courses).
• A maximum of 124 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.
• Six months of work experience related to the field
• Meet admission criteria for Forestry Pro-School (minimum grades of C in all major courses and 2.25 GPA in major courses)
• forest.oregonstate.edu/undergraduate-programs/forestry/forest-restoration-and-fire

Courses Required for Forestry Major

<table>
<thead>
<tr>
<th>Requirements – Years 1 &amp; 2</th>
<th>UCC Course</th>
<th>OSU Course</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>Climate Science</td>
<td>ATS 201</td>
<td>ATS 201</td>
<td>Available online at OSU</td>
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<tr>
<td>Principles of Biology II with Lab</td>
<td>BI 212</td>
<td>BI 212</td>
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<tr>
<td>General Chemistry II with Lab</td>
<td>CH 221</td>
<td>CH 231 &amp; 261</td>
<td>Available online at OSU</td>
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<tr>
<td>Public Speaking or Argument &amp; Critical Discourse</td>
<td>SP 111 or SP 112</td>
<td>COMM 111 or COMM 114</td>
<td>Available online at OSU</td>
</tr>
<tr>
<td>Intro to Microeconomics or Intro to Environmental Econ &amp; Policy</td>
<td>ECON 201</td>
<td>ECON 201 or AEC 250</td>
<td>Available online at OSU</td>
</tr>
<tr>
<td>Forest Surveying</td>
<td>FOR/SUR 161</td>
<td>FE 208</td>
<td>Available online at OSU</td>
</tr>
<tr>
<td>GIS and Forest Engineering Applications</td>
<td>GIS 134 or FOR/GIS 234</td>
<td>FE 257</td>
<td>Available online at OSU</td>
</tr>
<tr>
<td>Forest Biology</td>
<td>FOR/NR 240</td>
<td>FES 240</td>
<td>Available online at OSU</td>
</tr>
<tr>
<td>Dendrology</td>
<td>FOR/NR 241</td>
<td>FES 241</td>
<td>Available online at OSU</td>
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<tr>
<td>Intro to Forestry or Managing Natural Resources</td>
<td>FOR/NR 201</td>
<td>FOR 111 or NR 201</td>
<td>Available online at OSU</td>
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<tr>
<td>Computing Applications in Forestry</td>
<td>FOR/ENGR 112</td>
<td>FOR 112</td>
<td>Available online at OSU</td>
</tr>
<tr>
<td>College Algebra</td>
<td>MTH 111</td>
<td>MTH 111</td>
<td>Available online at OSU</td>
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<tr>
<td>Elementary Functions</td>
<td>MTH 112</td>
<td>MTH 112</td>
<td>Available online at OSU</td>
</tr>
<tr>
<td>Calculus for Mgmt &amp; Social Science</td>
<td>MTH 241 or 242</td>
<td>MTH 241</td>
<td>Available online at OSU</td>
</tr>
<tr>
<td>Principles of Physics I with Lab</td>
<td>PH 201</td>
<td>PH 201</td>
<td>Available online at OSU</td>
</tr>
<tr>
<td>Soil Science</td>
<td>SOIL 205 &amp; SOIL 206</td>
<td>SOIL 205</td>
<td></td>
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<tr>
<td>Forest Soils Lab</td>
<td>FOR/SOIL 206</td>
<td>FOR 206</td>
<td></td>
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<tr>
<td>Principles of Statistics</td>
<td>MTH 243</td>
<td>ST 201</td>
<td>Available online at OSU</td>
</tr>
<tr>
<td>English Composition</td>
<td>WR 121</td>
<td>WR 121</td>
<td>Available online at OSU</td>
</tr>
<tr>
<td>Technical Writing or Science Writing</td>
<td>WR 227</td>
<td>WR 327 or WR 362</td>
<td>Available online at OSU</td>
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</tbody>
</table>
### 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 UCC courses that fulfill Bacc Core requirements: [admissions.oregonstate.edu/baccalaureate-core-course-equivalencies-umpqua-community-college](admissions.oregonstate.edu/baccalaureate-core-course-equivalencies-umpqua-community-college)

#### SKILLS COURSES
- **Math**
- **Writing I**
- **Writing II**
- **Speech (Writing III)**
- **Fitness**

Completed as part of major: MTH 112 or higher
Completed as part of major: WR 121. Required to transfer.
Completed as part of major: WR 327 or WR 362
Completed as part of major: COMM 111 or 114
HPE 295 @ Umpqua CC

#### PERSPECTIVE COURSES
- **Biological Science**
- **Physical Science**
- **Additional Biological or Physical Science**
- **Cultural Diversity**
- **Literature and the Arts**
- **Social Processes and Institutions**
- **Western Culture**

Completed as part of major: Biology & Lab
Completed as part of major: Chemistry & Lab
Completed as part of major: Soils & Lab
Choose one course from Bacc Core link above
Choose one course from Bacc Core link above
Completed as part of major: ECON 201 or AEC 250
Choose one course from Bacc Core link above

#### DPD COURSE
- **Difference, Power, & Discrimination**

Choose one course from Bacc Core link above

#### SYNTHESIS COURSES
- **Contemporary Global Issues**
- **Science, Technology, & Society**

Completed as part of major: FOR 456
Completed as part of major: FES 485

### 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** to schedule your personalized visit.

**Umpqua Community College**
Jarred Saralecos, Forestry Faculty
541-440-7825
jarred.saralecos@umpqua.edu

**OSU College of Forestry Prospective Student Advisor**
Autumn Granger
541-737-9135
Autumn.granger@oregonstate.edu