

TRANSFER GUIDE FOR OREGON STATE UNIVERSITY

Major Offered At:

CORVALLIS

**Blue Mountain
Community College**

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 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.
- 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)
- forestry.oregonstate.edu/undergraduate-programs/forestry/forest-restoration-and-fire

Courses Required for Forestry Major

| Requirements – Years 1 & 2 | BMCC Course | OSU Course | Notes |
|---|-------------|-----------------------|--|
| Climate Science | | ATS 201 | Available online at OSU |
| Principles of Biology: Cells | BI 211 | BI 221 | |
| General Chemistry II with Lab | CH 221 | CH 231 & 261 | Available online at OSU |
| Public Speaking or Argument & Critical Discourse | COM 111Z | COMM 111Z or COMM 114 | Available online at OSU Available online at OSU |
| Intro to Microeconomics or Intro to Environmental Econ & Policy | EC 201 | ECON 201 or AEC 250 | Available online at OSU Available online at OSU |
| Forest Surveying | | FE 208 | Available online at OSU |
| GIS and Forest Engineering Applications | | FE 257 | Available online at OSU |
| Forest Biology | BI 124 | FES 240 | Available online at OSU |
| Dendrology | | FES 241 | Available online at OSU |
| Intro to Forestry or Managing Natural Resources | | FOR 111 or NR 201 | Available online at OSU Available online at OSU |
| Computing Applications in Forestry | | FOR 112 | |
| College Algebra | MTH 111Z | MTH 111Z | Available online at OSU |
| Elementary Functions | MTH 112Z | MTH 112Z | Available online at OSU |
| Calculus for Mgmt & Social Science | MTH 241 | MTH 241 | Available online at OSU |
| Principles of Physics I with Lab | PHY 201 | PH 201 | Available online at OSU |
| Soil Science | | SOIL 205 | |
| Forest Soils Lab | | FOR 206 | |
| Principles of Statistics | STAT 243Z | ST 243Z | Available online at OSU |
| English Composition | WR 121Z | WR 121Z | Available online at OSU |
| Technical Writing or Science Writing | WR 227Z | WR 227Z or WR 362 | Available online at OSU Available online at OSU |

| Requirements – Years 3 & 4 | BMCC Course | OSU Course | Notes |
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| Harvesting Operations | | FE 370 | |
| Forest Watershed Management | | FE 434 | |
| For Remote Sensing & Photogrammetry | | FE 444 | |
| Forest Ecology | | FES 341 | |
| Consensus and Natural Resources | | FES 485 | Available online at OSU |
| Forest Entomology | | FES 412 | |
| Wildland Fire Ecology | | FES 440 | Available online at OSU |
| Ecological Restoration | | FES 445 | Available online at OSU |
| Forestry Field School | | FOR 312 | |
| Forest Mensuration | | FOR 321 | |
| Forest Models | | FOR 322 | |
| Forest Resource Economics I | | FOR 329 | |
| Forest Resource Economics II | | FOR 332 | |
| Topics in Wildland Fire | | FOR 346 | Available online at OSU |
| Forest Pathology | | FOR 413 | |
| Econ & Policy of Forest Wildland Fire | | FOR 431 | |
| Wildland Fires Science & Management | | FOR 436 | Available online at OSU |
| Silviculture Reforestation | | FOR 442 | |
| Silvicultural Practices | | FOR 443 | |
| Techniques for Forest Resource Analysis | | FOR 457 | |
| Forest Mgmt Planning & Design I | | FOR 459 | |
| Forest Mgmt Planning & Design II | | FOR 469 | |
| Forest Policy | | FOR 460 | |

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 BMCC courses that fulfill Bacc Core requirements: admissions.oregonstate.edu/baccalaureate-core-course-equivalencies-blue-mountain-community-college

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| SKILLS COURSES | Math Writing I Writing II Speech (Writing III) Fitness | Completed as part of major: MTH 112Z or higher WR 121Z. Required to transfer. Completed as part of major: WR 227Z or WR 362 Completed as part of major: COMM 111Z or 114 HPE 295 @ Blue Mountain 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 | Upper-division course: complete at OSU 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.

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| Blue Mountain Community College | https://www.bluecc.edu/enrollment-services/advising |
| OSU College of Forestry Student Services Office | 541-737-1594 forestrystudentservices@oregonstate.edu |