

TRANSFER GUIDE FOR OREGON STATE UNIVERSITY

Major Offered At:

CORVALLIS

**Clackamas
Community College**

Forestry Major with Forest Operations Management 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)
- <https://www.forestry.oregonstate.edu/undergraduate-programs/forestry/forest-management>

Courses Required for Forestry Major

| Requirements – Years 1 & 2 | Clackamas Course | OSU Course | Notes |
|--|----------------------|----------------------|--|
| Fundamentals of Accounting or Accounting for Decision-Making | | BA 215 or BA 315 | Available online at OSU |
| Business Law or Legal Environment of Business | BA 226 | BA 230 or BA 330 | Available online at OSU Available online at OSU |
| Intro to Entrepreneurship | BA 250 | BA 260 | 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 | COMM 111 or COMM 112 | COMM 111 or COMM 114 | Available online at OSU Available online at OSU |
| Intro to Microeconomics | EC 201 | ECON 201 | Available online at OSU |
| Forest Surveying | ENGR 226 substitutes | FE 208 | Available online at OSU |
| GIS and Forest Engineering Applications | | FE 257 | Available online at OSU |
| Forest Biology | | 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 |
| Forest Engineering Problem-Solving & Tech | ENGR 112 | FE 102 | |
| College Algebra | MTH 111 | MTH 111 | Available online at OSU |
| Elementary Functions | MTH 112 | MTH 112 | Available online at OSU |
| Calculus for Mgmt & Social Science | MTH 251 substitutes | MTH 241 | Available online at OSU |
| Principles of Physics I with Lab | PH 201 | PH 201 | Available online at OSU |
| Soil Science | | SOIL 205 | |
| Forest Soils Lab | | FOR 206 | |
| Principles of Statistics | MTH 243 | ST 201 | Available online at OSU |
| English Composition | WR 121 | WR 121 | Available online at OSU |
| Technical Writing or Science Writing | WR 227 | WR 327 or WR 362 | Available online at OSU Available online at OSU |

| Requirements – Years 3 & 4 | Clackamas Course | OSU Course | Notes |
|---|------------------|------------------|-------------------------|
| Managing Organizations | | BA 351 | Available online at OSU |
| Principles of Marketing | | BA 390 | Available online at OSU |
| Venture Management or Sustainable Business operations | | BA 460 or BA 314 | Available online at OSU |
| Harvesting Operations | | FE 370 | |
| Forest Watershed Management | | FE 434 | |
| Forest Operations Analysis | | FE 440 | |
| For Remote Sensing & Photogrammetry | | FE 444 | |
| Harvesting Management | | FE 471 | |
| Forestry Field School | | FOR 312 | |
| Forest Mensuration | | FOR 321 | |
| Forest Resource Economics I | | FOR 329 | |
| Forest Resource Economics II | | FOR 332 | |
| 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 Clackamas courses that fulfill Bacc Core requirements: admissions.oregonstate.edu/baccalaureate-core-course-equivalencies-clackamas-community-college

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| SKILLS COURSES | Math Writing I Writing II Speech (Writing III) Fitness | Completed as part of major: MTH 112 or higher 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 @ Clackamas 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 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 Upper-division course: complete at OSU |

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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| Clackamas Community College Advising | clackamas.edu/academics/academic-support/academic-advising-and-education-planning |
| OSU College of Forestry Prospective Student Advisor | Autumn VanderLinden 541-737-9135 Autumn.VanderLinden@oregonstate.edu |