

TRANSFER GUIDE FOR OREGON STATE UNIVERSITY

Major Offered At:

CORVALLIS

**Umpqua
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	UCC Course	OSU Course	Notes
Climate Science	ATS 201	ATS 201	Available online at OSU
Principles of Biology: Cells	BI 212	BI 221	
General Chemistry II with Lab	CH 221	CH 231 & 261	Available online at OSU
Public Speaking or Argument & Critical Discourse	SP 111 or SP 112	COMM 111 or COMM 114	Available online at OSU Available online at OSU
Intro to Microeconomics or Intro to Environmental Econ & Policy	ECON 201	ECON 201 or AEC 250	Available online at OSU Available online at OSU
Forest Surveying	FOR/SUR 161	FE 208	Available online at OSU
GIS and Forest Engineering Applications	GIS 134 or FOR/GIS 234	FE 257	Available online at OSU
Forest Biology	FOR/NR 240	FES 240	Available online at OSU
Dendrology	FOR/NR 241	FES 241	Available online at OSU
Intro to Forestry or Managing Natural Resources	FOR/NR 201	FOR 111 or NR 201	Available online at OSU Available online at OSU
Computing Applications in Forestry	FOR/ENGR 112	FOR 112	
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 241 or 242	MTH 241	Available online at OSU
Principles of Physics I with Lab	PH 201	PH 201	Available online at OSU
Soil Science	SOIL 205 & SOIL 206	SOIL 205	
Forest Soils Lab	FOR/SOIL 206	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	UCC Course	OSU Course	Notes
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 UCC courses that fulfill Bacc Core requirements: 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 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	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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