

Major Offered At:  
**CORVALLIS**

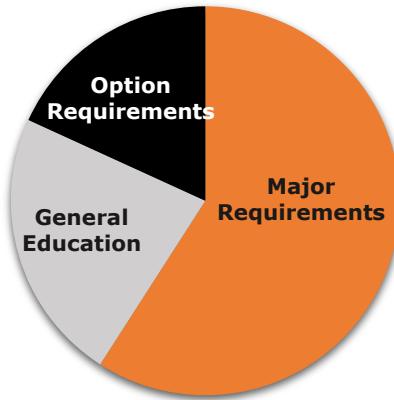
**Southwestern Oregon  
Community College**

## 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](http://forestry.oregonstate.edu/undergraduate-programs/forestry/forest-restoration-and-fire)

## Courses Required for Forestry Major

Requirements – Years 1 &2	SWOCC Course	OSU Course	Notes
Climate Science	GEO 209	ATS 201	Available online at OSU
General Chemistry or General Chemistry I with Lab	CHEM 221Z & 227Z	CH 121 or CH 221Z & 227Z	Available online at OSU Available online at OSU
Public Speaking or Argument & Critical Discourse or Interpersonal Communication	COMM 111Z or COMM 112 or COMM 218Z	COMM 111Z or COMM 114 or COMM 218Z	Available online at OSU Available online at OSU Available online at OSU
Intro to Microeconomics or Intro to Environmental Econ & Policy	ECON 201Z	ECON 201Z or AEC 250	Available online at OSU Available online at OSU
Forest Surveying	F 222A	FE 208	Available online at OSU
GIS and Forest Engineering Applications	GEOG 265 subs	FE 257	Available online at OSU
Forest Biology	F 250	FES 240	Available online at OSU
Dendrology	F 241	FES 241	Available online at OSU
Intro to Forestry or Managing Natural Resources	F 111 NR 201	FOR 111 or NR 201	Available online at OSU Available online at OSU
Computing Applications in Forestry	BA 169Z subs	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 or 251Z	MTH 241	Available online at OSU
Principles of Physics I with Lab	PH 201 or 211	PH 201	Available online at OSU
Soil Science	ENV 235	SOIL 205	
Forest Soils Lab	ENV 235	FOR 206 or SOIL 206	
Elementary Statistics	STAT 243Z or MTH 244	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	SWOCC Course	OSU Course	Notes
Indigenous Agriculture & Subsistence		AG 311	Available online at OSU
Environmental Justice		ENSC/GEOG 333	Available online at OSU
Sustainability, Justice, and Engagement		SUS 331	Available online at OSU
Harvesting Operations		FE 370	
Forest Watershed Management		FE 434	
For Remote Sensing & Photogrammetry		FE 444	
Forest Ecology		FES 341	Available online at OSU
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
Beyond OSU II: Engage		FOR 008	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	FS 246	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 & Regulation		FOR 463	

## General Education Courses (called Core Education)

- Complete one course in each category.
- Full listing of SWOCC courses that fulfill Core Ed requirements: [admissions.oregonstate.edu/core-education-course-articulations-southwestern-oregon-community-college](http://admissions.oregonstate.edu/core-education-course-articulations-southwestern-oregon-community-college)

<b>FOUNDATIONAL CORE</b>	Writing Foundations	WR 121Z required
	Arts & Humanities: General	
	Arts & Humanities: Global	
	Quantitative Literacy & Analysis	Fulfilled by major: MTH 111Z, MTH 112Z, or 241
	Communication, Media & Society	Fulfilled by major: COMM 111Z, 112, or 218Z
	Social Science	Fulfilled by major: ECON 201Z
	Scientific Inquiry & Analysis	Fulfilled by major: FES 240
	Scientific Inquiry & Analysis	Fulfilled by major: PH 201
	Difference, Power, Oppression Foundations	
<b>SIGNATURE CORE</b>	Transitions	
	Beyond OSU I: Prepare	Fulfilled by major: FOR 111
	Beyond OSU II: Engage	Fulfilled by major: FOR 008
	Difference, Power, Oppression Advanced	Fulfilled by major: AG 311, ENSC/GEOG 333, SUS 331
	Seeking Solutions	Cannot be fulfilled by a major requirement
	Writing Elevation	Fulfilled by major: WR 227Z
	Writing Intensive Course	Fulfilled by major: FOR 463

## 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](http://visitosu.oregonstate.edu/visit-campus) to schedule your personalized visit.

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<b>OSU College of Forestry Student Services Office</b>	541-737-1594 <a href="mailto:forestrystudentservices@oregonstate.edu">forestrystudentservices@oregonstate.edu</a>