

ASSOCIATE OF SCIENCE FORESTRY EMPHASIS

**Career Pathway Certificate of Completion:
Field Surveying and Mapping (15 Credits)**



**Certificate of Completion
Forest Technology (46 Credits)**

**Associate of Science
Forestry Emphasis (92 Credits)**

**PROGRAM
REQUIREMENTS**

The Associate of Science (AS) degree, with an emphasis in Forestry, provides students with an introduction to the technical and scientific knowledge related to the field of forestry and forest management. This set of classes satisfies the requirements for an Associate of Science degree and also meets the lower division requirements at Oregon State University (OSU) for a Bachelor of Science degree in Forestry. There is a signed articulation agreement with the Forestry Department at Oregon State University that allows students that complete this AS degree and two additional courses to enter OSU as a junior in the Forestry program. Beyond the AS degree requirements, students will need to take the Forest Biology course (FOR 240) from OSU which can be done online. In addition, students will need to take a Physics course which is not calculus based. Currently, SWOCC does not offer that course.

This degree is also articulated with the University of Idaho. If you are interested in transferring to University of Idaho please talk to your advisor for the specific details surrounding this articulation.

The forestry field is projected to have many career opportunities coming up in the next decade as many forestry and natural resources professionals retire in the next few years. If you enjoy working outdoors and want to have a career that focuses on managing our valuable forest lands to conserve and protect resources

as well as produce valuable products for society, this is an excellent time to consider this degree.

PROGRAM STUDENT LEARNING OUTCOMES

Upon successful completion of this program the student will be able to:

- Integrate technical field skills with analytical skills to identify important forest management challenges and identify potential solutions for these problems.
- Explain and discuss important current issues, and social and political components of forest management in the United States and other countries.
- Demonstrate basic skills in forest surveying, recreation management, soil science, remote sensing, geographic information systems, and spreadsheet applications.

- Identify important tree species in the Pacific Northwest.

GRADUATION REQUIREMENTS

Students must complete a minimum of 92 credit hours with a minimum Grade Point Average (GPA) of 2.0 or better. All courses in this program must be completed with a 'C' or better. Twenty-four (24) credits must be completed at SWOCC before the AS degree is awarded.

Courses that are developmental in nature, designed to prepare students for college transfer courses, are not applicable to this degree.

Complete the graduation application process one term prior to the term of completion (e.g., spring term graduates must apply during winter term).



ASSOCIATE OF SCIENCE FORESTRY EMPHASIS

PREREQUISITES	WR90 (3) Paragraph Fundamentals (or placement test score)	MTH95 (4) Intermediate Algebra (or placement test score)	Reading Score of ASSET42 COMPASS81
----------------------	--	---	---------------------------------------

FALL = 17 CREDITS	WR121 (3) English Composition	MTH111 (4) College Algebra	F111 (4) Introduction to Forestry	PE231 (3) Wellness for Life	SP111 (3) Fundamentals of Public Speaking
--------------------------	---	--------------------------------------	---	---------------------------------------	--

WINTER = 14 CREDITS	WR227 (3) Report Writing	MTH112 (4) Elementary Functions	CIS125S (3) Spreadsheet Application	ECON201 (4) Microeconomics
----------------------------	------------------------------------	---	---	--------------------------------------

SPRING = 15 CREDITS	WESTERN CULTURE COURSE¹ (3)	MTH243 (4) Introduction to Probability and Statistics	F241 (5) Dendrology	WESTERN CULTURE COURSE² (3)
----------------------------	---	--	-------------------------------	---

46 CREDITS = FIRST YEAR TOTAL REQUIREMENT

FALL = 16 CREDITS	PH201 (5) General Physics	CHEM221 (5) General Chemistry	ENV235 (4) Introduction to Soil Science	LITERATURE & ARTS COURSE³ (3)
--------------------------	-------------------------------------	---	--	---

WINTER = 15 CREDITS	BI202 (4) Introductory Biology	GEOG265 (3) Introduction to GIS	F222A (4) Elementary Forest Survey	FE209 (4) Forest Photogrammetry & Intro to Remote Sensing
----------------------------	--	---	--	--

SPRING = 15 CREDITS	F250 (3) Forest Biology	MTH241 (4) Calculus for Business and Social Science	F251 (4) Recreation Resources Management	CULTURAL DIVERSITY COURSE⁴ (3)
----------------------------	-----------------------------------	--	---	--

46 CREDITS = SECOND YEAR TOTAL REQUIREMENT

92 CREDITS = TOTAL PROGRAM REQUIREMENT

PROGRAM NOTES

¹Choose one (1): SOC206, HST201, 202, 203

²Choose one (1): PHL102; HST101, 102, 103, 201, 202, 203;
MUS201; ENG201, 204, 205, 206; ART204, 205, 206

³Choose one (1): ENG104, 105, 106, 107, 108, 109, 201, 204,
205, 206; MUS201; ART101, 204, 205, 206

⁴Choose one (1): ANTH230, 231, 232; HST104

PROGRAM
REQUIREMENTS