

FORESTRY, ASSOCIATE OF SCIENCE

Program Description

Our Forestry transfer degree provides students with an education in fundamental forestry knowledge, applied field-based skills, and professional and ethical behavior to be successful professionals assisting in the management of forested ecosystems that promote environmental, social, and economic values. The forestry degree will prepare students to engage in the following transfer programs: Forest Management, Forest Operations, and Forest Restoration Fire.

Program Outcomes

This UCC program aligns with the programs offered through the OSU College of Forestry Program Students who successfully complete the Forest Management AS degree will :

1. Describe major forest ecosystems of the PNW and their changes over time, with and without human influence/management.
2. Explain the function of harvesting equipment and operations at multiple scales.
3. Apply surveying and mapping tools to implement forest management strategies and operations.
4. Explain the interactions between natural and social impacts on forest ecosystems.
5. Explain the management of ecosystems in an era of rapid change, including change in climate patterns, land use patterns, and political and social institutions.

Career Considerations

Foresters and forest managers are concerned with the overall administrative, economic, legal and social aspects and with the essentially scientific and technical aspects, especially silviculture, protection, and forest regulation. Foresters are multitaskers, often addressing a variety of issues with other professionals from many different areas.

Program Course Requirements

Course	Title	Credits
First Year		
First Term		
FES 241	Dendrology	4
FOR 111	Introduction to Forestry	3
MTH 111Z	Precalculus I Functions	4
PH 201 or PH 211	General Physics w Algebra I or General Physics w-Calculus I	5
Credits		16
Second Term		
GIS 234	GIS 1-Intro to Geographic Info	4
FOR 112	Problem Solving-Technology	3
MTH 112Z	Precalculus II Trigonometry	4
WR 121Z	Composition I	4
Credits		15
Third Term		
COM 111Z	Public Speaking	4

FOR 161	Surveying I	4
STAT 243Z	Elementary Statistics I	4
WR 227Z	Technical Writing	4
Credits		16
Second Year		
First Term		
ANTH 221	Intro to Cultural Anthropology	3
BI 211	Principles of Biology	5
CH 221	General Chemistry I	5
FES 240	Forest Biology	4
Credits		17
Second Term		
ART 134 or ENG 230	Illustrating Nature or Environmental Lit	3-4
ATS 201	Climate Science	4
BA 226	Business Law	4
MTH 241	Calculus f-Mgmt-Soc Sci	4
Credits		15-16
Third Term		
ECON 201	Microeconomics	4
FES 261	Recreation Resource Mgmt	4
HPE 295	Wellness-Hlth Assess	3
SOIL 205	Soil Science	3
SOIL 206	Soil Science Lab	1
Credits		15
Total Minimum Credits		94-95

Advising Notes

- See an advisor for the full list of optional electives and course prerequisites