

FOREST MANAGEMENT, ASSOCIATE OF SCIENCE

Program Description

The Forest Management option is a classical forestry program aimed at active land management from an industrial forest land management perspective.

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. Demonstrate understanding of interaction of vegetation, wildlife, insects, and disease on forested landscapes
2. Demonstrate ability to identify major forest ecosystems of the PNW and describe their changes over time, with and without human influence/management

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. The industry is growing at a rate of three percent per year, meaning that 990 jobs will be added by 2022.

Program Course Requirements

| Course | Title | Credits |
|--------------------|--------------------------------|-----------|
| First Year | | |
| First Term | | |
| ANTH 221 | Intro to Cultural Anthropology | 3 |
| BI 211 | Principles of Biology | 5 |
| FOR 111 | Introduction to Forestry | 3 |
| MTH 111Z | Precalculus I Functions | 4 |
| Credits | | 15 |
| Second Term | | |
| FOR 112 | Problem Solving-Technology | 3 |
| FOR 234 | GIS-Intro to Geographic Info | 4 |
| MTH 112Z | Precalculus II Trigonometry | 4 |
| PSY 201 | General Psychology I | 4 |
| Credits | | 15 |
| Third Term | | |
| COM 111Z | Public Speaking | 4 |
| FOR 161 | Surveying I | 4 |
| STAT 243Z | Elementary Statistics I | 4 |
| WR 121Z | Composition I | 4 |
| Credits | | 16 |
| Second Year | | |
| First Term | | |
| CH 221 | General Chemistry I | 5 |
| FES 240 | Forest Biology | 4 |
| FES 241 | Dendrology | 4 |
| PH 201 | General Physics w Algebra I | 5 |
| Credits | | 18 |
| Second Term | | |
| ATS 201 | Climate Science | 4 |

| | | |
|------------------------------|--------------------------|-----------|
| MTH 241 | Calculus f-Mgmt-Soc Sci | 4 |
| MUS 105 | Intro to Rock Music | 3 |
| WR 227Z | Technical Writing | 4 |
| Credits | | 15 |
| Third Term | | |
| ECON 201 | Microeconomics | 4 |
| FES 261 | Recreation Resource Mgmt | 4 |
| SOC 213 | Race Class and Ethnicity | 3 |
| SOIL 205 | Soil Science | 3 |
| SOIL 206 | Soil Science Lab | 1 |
| Credits | | 15 |
| Total Minimum Credits | | 94 |

Advising Notes

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