

WOOD INNOVATION FOR SUSTAINABILITY: MARKETING AND MANAGEMENT, ASSOCIATE OF SCIENCE

Wood Innovation is a multidisciplinary program that prepares students to work with renewable, plant-based materials to solve challenging world problems. Renewable materials such as wood, bamboo, canes, and agricultural fibers are examined to understand their characteristics and how to make useful products. Students gain broad perspectives on current issues associated with the sustainable utilization of renewable materials, including global trade, business innovation, energy production, and environmental impacts.

The marketing and management option provides students with the skills to manage organizations or devise new marketing strategies to compete in the global wood products industry.

This degree was designed to transfer to Oregon State University's College of Forestry. Other transfer options may be available, consult your advisor for details. Check out the Forestry/Natural Resources program website!

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. Students who 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 should consider this degree.

GRADUATION REQUIREMENTS

Students must complete a minimum of 90 credit hours with a cumulative Grade Point Average (GPA) of 2.0 or better. All courses must be completed with a grade of 'C' or better. Twenty-four (24) credits must be completed at Southwestern before the 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).

PROGRAM STUDENT LEARNING OUTCOMES

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

- Demonstrate ability to find, compile, analyze, and communicate technical information.
- Demonstrate basic skills in marketing, business management, forest biology, dendrology, chemistry, and spreadsheet applications.
- Demonstrate basic understanding of complexity between renewable materials, environmentalism, and business.

Math and writing placement are unique to each student and are determined during the admissions and intake advising process.

Additional math or writing courses may be required prior to taking the math or writing program requirements in this degree.

PRE- PROGRAM REQUIREMENTS

Placement into MTH241 or completion of prerequisites.

Course	Title	Credits
First Year		
Fall		
CHEM221Z	General Chemistry I	4
CHEM227Z	General Chemistry I Laboratory	1
F111	Introduction to Forestry	3
WR121Z	Composition I	4
Western Culture ³		3
Credits		15
Winter		
CHEM222Z	General Chemistry II	4
CHEM228Z	General Chemistry II Laboratory	1
BA169Z	Data Analysis Using Microsoft Excel	4
F250	Forest Biology	4
Literature and the Arts ²		3
Credits		16
Spring		
COMM111Z	Public Speaking	4
PE231	Wellness for Life	3
WR227Z	Technical Writing	4
Difference, Power, and Discrimination ⁵		3
Credits		14
Second Year		
Fall		
BA250	Applied Entrepreneurship	3
DRFT110	Computer Assisted Drafting I	3
ECON201Z	Principles of Microeconomics	4
F180	Internship: Forestry ⁶	2
or NR180	or Internship: Natural Resources	
Cultural Diversity ⁴		3
Credits		15
Winter		
BA212	Principles of Accounting II	4
DRFT111	Computer Assisted Drafting II	3
ECON202Z	Principles of Macroeconomics	4
MTH241	Calculus for Bus and Soc Science I ¹	4
Credits		15
Spring		
BA213Z	Principles of Managerial Accounting	4
BA226Z	Introduction to Business Law	4
DRFT112	Computer Assisted Drafting III	3
F241	Dendrology	5
Credits		16
Total Credits		91

¹ MTH241 or higher will satisfy this requirement, excluding STAT243Z or STAT243Z and MTH244.

² Literature and the Arts: ART204, ART205, ART206, ENG104Z, ENG105Z, ENG106Z, ENG107, ENG108, ENG109, ENG201, ENG204, ENG205, ENG206, ENG262, MUS201, MUS202, MUS203.

³ Western Culture: ART204, ART205, ART206, ENG107, ENG108, ENG109, ENG201, ENG204, ENG205, ENG206, HST101, HST102, HST103, HST201, HST202, HST203, MUS201, MUS202, MUS203, PHL101, PHL102.

⁴ Cultural Diversity: ANTH224, ANTH230, ANTH231, ANTH232, HST104, HUM204, HUM205, HUM206

⁵ Difference, Power, and Discrimination: HST201, HST202, HST203, SOC206, SOC213

⁶ Schedule an appointment with the Internship Coordinator a month prior to term. 541-888-7405.

* At least two courses must be chosen from the Arts and Letters section from the AS course list to meet the above requirements.