

FORESTRY

Renewable Materials: Art and Design Associate of Science

PROGRAM MISSION

Students in the art and design option are concerned about wood products on an aesthetic level. This option prepares students to engage with renewable materials on an aesthetic level, whether as interior designers, fine artists or entrepreneurs. Students will gain an in-depth knowledge of how renewable materials can function visually within the human space. In addition, students will achieve an understanding of green building materials and green architecture. Graduates will be prepared to start their own design-centered businesses or consult others. This option prepares students to engage with renewable materials on an aesthetic level, whether as interior designers, fine artists or entrepreneurs.

PROGRAM DESCRIPTION

The Art & Design option studies renewable materials on an aesthetic level, whether as interior designers, fine artists, or entrepreneurs. Students will develop a knowledge of renewable materials and how those materials can function visually within the human space. In addition to the aesthetic aspect, students will gain an understanding of green building materials and green architecture.

PROGRAM OUTCOMES

This UCC program aligns with the programs offered through the OSU College of Forestry Program. UCC students that complete the Renewable Materials: Art and Design AS degree in Forestry will have the knowledge, skills, and abilities to:

1. Demonstrate ability to find, compile, analyze and communicate technical information in a concise format
2. Demonstrate basic knowledge of wood and similar renewable materials and relevant utilization challenges
3. Understand types and functions of renewable materials within the human space. (does space also mean environment)
4. Engage with renewable materials on an aesthetic level marketing programs for green products

CAREER CONSIDERATIONS

Art and Design professionals work in construction, fabrication, and architecture fields. They also work as urban and regional planners.

NOTES:

- ¹ NR 201 can be substituted for FOR 111
- ² ENGR 112 can be substituted for FOR 112
- ³ MTH 111 is pre-req for MTH241 and MTH 112 is pre-req for MTH 251
- ⁴ MTH 265 can be substituted for MTH 243
- ⁵ One Arts & Letters elective must be Cultural Diversity. See following link for OSU Perspective requirements for General Education: <https://main.oregonstate.edu/baccalaureate-core/transfer-students>

PROGRAM COURSE REQUIREMENTS

Year One

ART 115	Art & Design Foundations: 2D	4
ART 291	Sculpture	3
CH 104 or CH 221	Introductory Chemistry General Chemistry	4-5
CH 105 or CH 222	Introductory Chemistry General Chemistry	4-5
ENGR 111	Engineering Orientation I	3
ENGR 245	Engineering Graphics: SolidWorks	3
FOR 111 ¹	Introduction to Forestry	3
FOR 112 ²	Problem Solving & Technology	3
MTH 111 ³ or MTH 112 ³	College Algebra Elementary Functions	5
MTH 241 ⁴ or MTH 251 ⁴	Calculus for Management & Social Science I Calculus I	4-5
MTH 243 ⁴	Introduction to Probability & Statistics	5
SP 111	Fundamentals of Public Speaking	4
WR 121	Academic Composition	4

Year One Credits (minimum) 46-49

Year Two

Arts & Letter Elective ⁵		3
Arts & Letter or Social Science Elective ⁵		3-4
ART 117	Art & Design Foundations: 3D	4
ART 131	Introduction to Drawing: Line & Gesture	3
ART 234	Figure Drawing	3
DRF 112	Computer Aided Drafting (CAD) I	3
DRF 113	Computer Aided Drafting (CAD) II	3
ECON 201	Microeconomics	4
FES 240	Forest Biology	4
HPE 295	Health & Wellness Assessment	3
VC 114	Introduction to InDesign	3
WR 227	Technical Writing	4

Year Two Credits 43-44