



CAREER PATHWAYS

Grow here. Learn here. Work here.



UCC Forestry A.S. - Forest Engineering A.S.

Our Forestry programs 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. The UCC Forestry program is a Degree Partnership Program with Oregon State University. The Forestry curriculum is intended to meet the requirements for the first two years of course work necessary for application to the Forestry Professional Program at OSU.

CAREER HIGHLIGHTS

JOB TYPES:



Forest Technician
Forester
Forest Engineer
Resource Forester

Logging Operations Manager
Road Engineer
Surveyor



SOURCE: <https://www.onetonline.org>

SALARY RANGE: \$48,600 to \$96,460

LOCAL INDUSTRY:



Roseburg Forest Products
Lone Rock Timber
Swanson Group
Cow Creek Band of the Umpqua Tribe of Indians
U.S. Forest Service
Communities of Healthy Forests

Available Pathway(s)



Forestry A.S.

94 - 95 credits required
2 years of college coursework+



Forest Engineer A.S.

102 credits required
2 years of college coursework+

Forestry Pathways

FORESTRY A.S.	RHS	FORESTRY ENGINEERING A.S.
Intro to Agricultural Agriculture I Math 9 Honors Spanish I or German I	GRADE 9	Intro to Agricultural Agriculture I Math 9 Honors Engineering Graphics and Blueprint Reading Spanish I or German I
Agriculture II Math 10 Honors Spanish II or German II	GRADE 10	Agriculture II Honors Chemistry (CH104)^ Math 10 Honors Computer Aided Mechanical Desing (DRF112) General Psychology (PSY201Z)^ Spanish II or German II
AP Statistics (STAT243Z) Intro to Speech (COM111Z) Forestry (FOR111) Precalculus (MTH111Z/112Z)	GRADE 11	Honors Biology (BI101/103) Forestry (FOR111) Precalculus (MTH111Z/112Z) Writing 121/122 (WR121Z)
AP Calculus Honors Physics (PH201) Writing 121/122 (WR121Z)	GRADE 12	AP Calculus (MTH251/252) AP Literature (ENG104Z) Intro to Speech (COM111Z) AP Statistics (STAT243)
Graduate from Roseburg High School and enroll at UCC		
FES241 Dendrology FOR111 Introduction to Forestry MTH111Z Precalculus I- Functions PH201 General Physics or PH211 Gen Phys	YEAR 1 FALL	FES241 Dendrology FOR111 Introduction to Forestry ENGR111 Engineering Orientation I DRF112 Drafting and Design I CH221 General Chemistry ^
GIS234 GIS I- Intro to GIS FOR112 Problem Solving- Technology MTH112Z Precalculus II- Trig WR121Z Composition I	WINTER	GIS234 GIS I- Intro to GIS FOR112 Problem Solving- Technology MTH251 Calculus I WR121Z Composition I
COM111Z Public Speaking FOR161 Surveying I STAT243Z Elementary Statistics I WR227Z Technical Writing	SPRING	MTH252 Calculus II SOC213 Race Class and Ethnicity FOR161 Surveying I MTH265 Statistics-Scientists-Engineers WR227Z Technical Writing
ANTH221 Intro to Cultural Anthropology BI211 Principles of Biology CH221 General Chemistry FES240 Forest Biology	YEAR 2 FALL	ENGR211 Statistics FES240 Forest Biology MTH254 Vector Calculus PH211 Gen Physics Calc or PH201 Gen Physics Alg*
ART134 Illustrating Nature or ENG230 Envir. Lit ATS201 Climate Science BA226 Business Law MTH241 Calculus f-Mgmt-Social Science	WINTER	ENGR213 Strength of Materials MTH256 Differential Equations MUS 105 Intro to Rock Music^ PH212 Gen Physics Calc or PH202 Gen Physics Alg^
ECON201 Microeconomics FES261 Recreation Resource Mgmt HPE295 Wellness-Hlth Assess SOIL205 Soil Science SOIL206 Soil Science Lab	SPRING	COM111Z Public Speaking ECON201 Microeconomics^ ENGR212 Dynamics SOIL205 Soil Science SOIL206 Soil Science Lab



**Forestry A.S.
Degree**



**Forest Engineering A.S.
Degree**