



CAREER PATHWAYS

Grow here. Learn here. Work here.



Water Quality

Operation and maintenance of water distribution systems, computerized electronic equipment in the collection, and storage of raw water. All public water and wastewater systems in Oregon are operated and maintained under the supervision of certified operators. You have the opportunity to get on the path to provide a vital service in our community. These pathways prepare students to take the Level I Certification exams.

CAREER HIGHLIGHTS

JOB TYPES:



- Water Treatment Plant Operator
- Wastewater Treatment Plant Operator
- Collection Systems Operator



TWO PATHWAYS AVAILABLE:

Water Quality Certificate

50 credits required

One year of college coursework



SALARY RANGE: \$42,600 to \$69,500



Water Quality AAS Degree

94 credits required

Two years of college coursework

LOCAL INDUSTRY:



- Roseburg Urban Sanitation Authority
- Green Area Water and Sanitation Authority
- Umpqua Basin Water Association
- City of Roseburg
- City and County Municipalities
- Regional Water and Wastewater Associations

Water Quality Pathways

CERTIFICATE	RHS	ASSOCIATE OF APPLIED SCIENCE DEGREE
Intro to Ag	GRADE 9	Intro to Ag
Honors Chemistry (CH104) Agriculture I	GRADE 10	Honors Chemistry (CH104) Agriculture I
CTE Math Honors Biology (BI101) Agriculture II Writing 121/122 (WR121Z)+	GRADE 11	CTE Math Honors Biology (BI101/102/103) Agriculture II Writing 121/122 (WR121Z)
Speech (COM111Z)	GRADE 12	Speech (COM111Z) Psychology

Graduate from Roseburg High School and enroll at UCC

MTH102 Math of the Trades or MTH110+ WQT226 Wastewater Treatment I Liquid WQT261 Water Distribution WR117 Writing for the Trades or WR115+ WQT280 CWE- Water Quality Treatment	YEAR 1 FALL	MTH102 Math of the Trades or MTH110+ WQT226 Wastewater Treatment I Liquid WQT261 Water Distribution WR117 Writing for the Trades or WR115+ WQT280 CWE- Water Quality Treatment
CH104 Intro to Chemistry COM111Z Public Speaking WQT227 Wastewater Treatment II Solids WQT228 Wastewater Collection WQT280 CWE- Water Quality Treatment	WINTER	CH104 Intro to Chemistry COM111Z Public Speaking WQT227 Wastewater Treatment II Solids WQT228 Wastewater Collection WQT280 CWE- Water Quality Treatment
BI101 General Biology PSY101 Psychology of Human Relations or COM105 Listening WQT280 CWE- Water Quality Treatment	SPRING	BI101 General Biology COM105 Listening WQT260 Water Treatment WQT280 CWE- Water Quality Treatment



**Water Quality
Certificate**

YEAR 2 FALL	BI102 General Biology ENGR111 Engineering Orientation SDP113 Human Relations- Supervisors WQT280 CWE- Water Quality Treatment
WINTER	BI103 General Biology ENGR112 Problem Solving and Technology NR221 Water Resource Science WQT280 CWE- Water Quality Treatment
SPRING	CIS120 Intro to Digital Literacy SOIL205 Soil Science SOIL206 Soil Science Lab PSY101 Psychology of Human Relations or COM218Z WQT280 CWE- Water Quality Treatment



**Water Quality Technology
Associate of Applied Science Degree**