



# CAREER PATHWAYS

Grow here. Learn here. Work here.



## Sciences - Geology

Geology is the science and study of the composition of the earth and of the physical and chemical processes that occur on the earth’s surface and inside the earth’s interior. It also includes astronomy, atmospheric science, and oceanography. The Science Department offers a wide range of lower-division courses in the earth sciences. This degree is a transfer degree for students with the intention to obtain a Bachelor’s degree or graduate degree. This is not considered a degree to move directly into a career.

### CAREER PATHWAYS

**PATHWAY TYPES:**



- Teacher
- Geologist
- Geological Technician
- Geoscience Technician
- Environmental Engineering Tech
- Environmental Consultant
- Hydrogeologist
- Oceanographer



**SALARY RANGE:** Varies widely by final field of study and chosen career path within field



**LOCAL INDUSTRY:**

- School Districts
- Colleges and Universities
- Environmental Firms
- Natural Resources Firms
- Local, state and federal agencies



**TWO PATHWAYS AVAILABLE:**

Geology Associate of Arts

Oregon Transfer

96 credits required

Two years of college coursework

# Chemistry Pathway

<b>AAOT CHEMISTRY</b>	<b>RHS</b>	
Math 9 Honors Eng 9 Honors Fine Arts I or Photo I Spanish I or German I	<b>GRADE 9</b>	
Honors Chemistry Math 10 Honors Fine Arts II or Photo II (ART101) Spanish II or German II	<b>GRADE 10</b>	
Precalculus (MTH111Z/112Z) Intro to Speech (COM111Z) Writing 121/122 (WR121Z/122Z) AP US History (HST201/202/203)	<b>GRADE 11</b>	
AP Government (PS201) Calculus (MTH251/252) AP Literature (ENG104Z/105Z)	<b>GRADE 12</b>	
<b>Graduate from Roseburg High School and enroll at UCC</b>		
ANTH221 Intro to Anthropology^ G201 General Geology MTH111Z Precalculus I Functions WR121Z Writing Composition I	<b>YEAR 1 FALL</b>	
G202 General Geology II MTH112Z Precalculus II Trigonometry SOC204 Intro to Sociology^ WR122Z Writing Comp II or WR227Z Tech WR	<b>WINTER</b>	
COM111Z Public Speak or COM218Z Interper ENG105Z Introduction to Drama* G203 General Geology III PSY201 General Psychology^	<b>SPRING</b>	
ART206 History of Western Art III* CH221 General Chemistry I G221 Environmental Geology MTH251 Calculus I	<b>YEAR 2 FALL</b>	
CH222 General Chemistry II ENG104Z Introduction to Fiction FOR234 GIS-Intro to Geographic Info MTH252 Calculus II	<b>WINTER</b>	
CH223 General Chemistry III G180 Regional Field Study HPE295 Wellness-Hlth Assess HST106 World History^	<b>SPRING</b>	



**Geology Associate of Arts  
Oregon Transfer Degree**