



CAREER PATHWAYS

Grow here. Learn here. Work here.



Sciences - Biology

The Associate of Science, Biology follows Oregon state Major Transfer Maps (MTMs), which represent a streamlined path for students transferring from an Oregon community college to an Oregon university, who know which major/bachelor’s degree program they want to pursue. An Associate of Science Biology degree is the first degree in a progression leading to specific education fields in the biological sciences requiring further education.

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PATHWAY TYPES:



- Ecology
- Marine Biology
- Genetics
- Physiology and Behavior
- Pre-Veterinary Medicine
- Pre-Medicine
- Pre-Education
- Pre-Dentistry



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



- LOCAL INDUSTRY:**
- Medical Provider
 - Education
 - Fish and Wildlife Agencies
 - Veterinary Medicine
 - Animal Sanctuaries
 - Local, state and federal agencies



TWO PATHWAYS AVAILABLE:

Biology Associate of Science Transfer
 95 credits required
 Two years of college coursework

Biology Pathway

AAOT CHEMISTRY	RHS	
Math 9 Honors Eng 9 Honors Fine Arts I or Photo I Spanish I or German I	GRADE 9	
Honors Chemistry Math 10 Honors Human Geography (GEOG142) Fine Arts II or Photo II (ART101) Spanish II or German II	GRADE 10	
Honors Biology Precalculus (MTH111Z/112Z) Intro to Speech (COM111Z) Writing 121/122 (WR121Z/122Z) AP US History (HST201/202/203)	GRADE 11	
Microbiology AP Government (PS201) Honors Physics (PH201/202) Calculus (MTH251/252) AP Literature (ENG104Z/105Z)	GRADE 12	
Graduate from Roseburg High School and enroll at UCC		
BI211 Principles of Biology CH221 General Chemistry I MTH111Z Precalculus- Functions WR121Z Composition I	YEAR 1 FALL	
BI212 Principles of Biology CH222 General Chemistry II MTH112Z Precalculus- Trigonometry WR122Z Comp II or WR227Z Technical Writing	WINTER	
BI213 Principles of Biology CH223 general Chemistry III COM111Z Public Speaking or COM218Z Interpersonal Com SOC204 Intro to Sociology^	SPRING	
ANTH Intro to Anthropology^ ART204 History of Western Art I^ MTH251 Calculus I PH201 General Physics - Alg	YEAR 2 FALL	
ENG108 World Literature II^ MTH252 Calculus II PH202 General Physics - Alg	WINTER	
BOT203 General Field Botany HD208 Career-Life Planning PH203 General Physics - Alg	SPRING	



**Biology Associate of Science
Transfer Degree**