



Geology Program Map

Associate of Science

General Transfer - w/Math
Placement 141 or higher

Program description

Interested in learning how our planet works and helping to solve some of today's most pressing environmental problems? A degree in geology may be just what you are looking for. In Highline's geology classes you will study the science of Earth including its history, internal processes, surface features, and natural systems. You can explore how geology impacts your daily life, from the formation, extraction and use of mineral, rock and energy resources to geologic hazards like earthquakes, volcanoes, and landslides. You will also explore how humans impact the planet through depletion of natural resources to ocean acidification and climate change. Whether you want to research volcanoes or earthquakes, work in the environmental field, or pursue a career in private industry, government or as a teacher, this program will lay the groundwork for a variety of geology-related career options. [Learn More](#)

Key advisors

Carla Whittington,
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Request a [faculty advisor](#).

Program map

The following program map contains recommended courses to complete your **Associate of Science (Track 1) - Geology**. This document **does not** replace meeting with an advisor. Meet with an advisor to discuss your educational goals and plans. It is important to ensure you are taking pre-requisite courses for your transfer institution of choice.

First block

Courses: 15 credits	Credits	Complete?
MATH& 141 -Precalculus I	5	
CHEM& 161 – General Chemistry I w/Lab	5	
GEO 101 – Physical Geology	5	

Action items/milestones

- Meet with Pathway Advisor to confirm your Program of Study and Academic Plan

Second block

Courses: 15 credits	Credits	Complete?
MATH& 142 -Precalculus II	5	
CHEM& 162 – General Chemistry II w/Lab	5	
ENGL& 101 – English Composition 1	5	

Action items/milestones

- Meet with Faculty Advisor prior to completion of 30 credits

Third block

Courses: 15 credits	Credits	Complete?
MATH& 151 – Calculus I	5	
CHEM& 163 – General Chemistry III w/Lab	5	
Distribution Area Humanities – (HONOR 200 – Transfer Success Seminar recommended)	5	

Fourth block

Courses: 15 credits	Credits	Complete?
PHYS 201 – Mechanics (only offered Fall and Winter)	5	
MATH& 152 – Calculus II		
GEO 105 – Shaping the Earth	5	

Fifth block

Courses: 15 credits	Credits	Complete?
PHYS 202 - Electricity and Magnetism	5	
GEO 220 - Geology of the Pacific Northwest (or another 200-level geology course)	5	
MATH& 163 – Calculus 3 OR MATH& 146 – Introduction to Statistics**	5	

Action items/milestones

- Meet with Faculty Advisor at or prior to completion of 75 credits

Sixth block

Courses: 15 credits	Credits	Complete?
PHYS 203 - Waves, Thermodynamics and Modern Topics (only offered spring and summer)	5	
Distribution Area Humanities	5	
Distribution Area Social Science	5	

Action items/milestones

- Apply for graduation and register for commencement

* Look for courses that fulfill the Diversity & Globalism Requirement.

** Please check with your advisor and/or transfer center to ensure you take courses specific to your transfer institution.

Transfer Notes: It is strongly recommended by transfer receiving institutions that you take the entire sequence of courses at one school (eg. CHEM& 161, 162, 163).