

## Pathway: **Geology**

### Area of Study: **Science, Technology, Engineering, and Math**



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#### Overview

This pathway meets requirements for the Associate of Science - Transfer, Track 2 degree with a concentration in Geology. (Read program QR code to see more)

#### Estimated Length of Completion

Degree: Associate of Science - Transfer, Track 2 (PHST2AS)  
9 quarters, Part time

#### Career Opportunities

A Geology pathway can lead to various career opportunities. Examples include:

- Geologist
- Educator
- Natural Science Manager
- Surveyor
- Environmental Scientist
- Natural Science Manager
- Geospatial Information Systems (GIS) Technician
- Hydrologist / Geohydrologist
- Surveying and mapping technician
- Science technician ...(Read program QR code to see more)



#### Future Education

Once you complete this associates degree, additional education opportunities include, but are not limited to:

- Bachelor's degree in Geology, Earth and Space Science, Environmental Science, or related field at a four-year college or university.
- [Bachelor of Applied Science \(BAS\)](#) degree at one of the Seattle Colleges.

North Seattle College has direct transfer agreements with four-year institutions throughout Washington state, including the University of Washington, Washington State University, and Seattle University. Geology graduates from North have also transferred to out-of-state institutions. Program and admissions requirements vary from college-to-college. For example, Students wanting to go into the mining industry should tailor their studies to meet the requirements for a mining college such as: Colorado, South Dakota, Montana, Nevada, and the University of British Columbia. Contact a North advisor to create an educational plan tailored to transfer to the institution of your choice. You can use the College Navigator search engine found at <http://nces.ed.gov/collegenavigator> to find Geology programs in Washington state or around the country.



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#### Get Started

**Step 1:** Apply and register at North Seattle College anytime (the application is always free). Once you become a student, register for classes using the online class schedule and go to the academic calendar for registration dates and tuition deadlines.

**Step 2:** See an advisor to create a personalized educational plan by the end of your second quarter. Your plan will include prerequisites, graduation requirements, and transfer preparation if you plan to transfer to another college or university to earn a bachelor's degree.

#### Tuition and Fees

Learn more about the [estimated cost of attendance and general fees to attend college](#).

#### Financial Aid and Funding Resources

It's time to apply for Financial Aid for next year by completing either the [FAFSA](#) or the [WASFA](#) 2024-25.

#### Need help paying for college?

To apply for financial aid, including grants and scholarships you don't have to pay back, visit [North's Financial Aid Department](#) for details. Part-time and full-time students can qualify for financial aid funds.

#### Program Contact

[John Figge](#)  
[email](#)

#### Math & Science Division

**Location**  
IB 2429

**Division Contacts**  
[email](#)  
(206) 934-3746  
(206) 934-3748 (fax)

**Mailing Address**  
NSC Math & Science Division  
9600 College Way N  
3N2429  
Seattle, WA 98103

#### Advising Contact

Contact the [Science, Technology, Engineering and Math Area of Study advisor](#).

Phone: (206) 934-3658



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#### Before Quarter One

- [Pre-College or Transitional Studies Math](#) (if needed).
- [Pre-College or Transitional Studies English](#) (if needed).
- Apply for [Financial Aid](#) and other funding before your first quarter. Visit the [Financial Aid Office](#) to explore how to pay for college.
- [Transfer previous college credits](#) to North if applicable.
- Attend [New Student Orientation](#).
- [Explore placement options](#): take the [math](#) and [English](#) placement tool if needed.
- Make an informed choice on the [number of units to take each quarter](#).
- F-1 international students must enroll full time (12+ units) each quarter and check in with the [International Programs office](#) before the start of the quarter if enrolling in less than 12 units and/or before starting any work or volunteer experience.
- If you need academic accommodations for a documented disability, please contact [Disability Services](#).

A sample schedule and quarterly to-do list are below. The schedule and to-do list will help you explore courses and complete tasks on time. The guide assumes a fall quarter start, but you can begin in any quarter.

#### Sample Schedule

This is an example of a quarterly schedule:

##### Quarter 1

- GEOL&101 Intro Physical Geology (5 units)
- MATH&141 Precalculus I (5 units)

##### Quarter 2

- ENGL&101 English Composition I (5 units)
- MATH&142 Precalculus II (5 units)

##### Quarter 3

- ENVS&100 or GEOL&103 (5 units)
- MATH&151 Calculus I (5 units)

##### Quarter 4

- MATH&152 Calculus II (5 units)
- PHYS&114 General Phys I W/Lab (5 units)

##### Quarter 5

- MATH&146 or MATH&163 or MATH211 (5 units)
- PHYS&221 Engineering Physics I (5 units)
- UGR294 Independent Research (5 units)

##### Quarter 6

- CHEM&139 General Chemistry Prep (5 units)
- PHYS&222 Engineering Physics II (5 units)
- UGR294 Independent Research (5 units)

##### Quarter 7

- ENVS&100 or GEOL&103 (5 units)
- PHYS&223 Engineering Physics III (5 units)
- UGR294 Independent Research (5 units)

##### Quarter 8

- CHEM&161 General Chem W/Lab I (6 units)
- Individuals/Cultures/Societies or Visual, Literary and Perf Arts (5 units)

##### Quarter 9

- ART211 or ART222 or ART281 (5 units)
- CHEM&162 or CSC110 (variable units)



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## Sample Quarterly To-Do List

This is an example of a quarterly to-do list:

### Quarter 1

- Schedule an appointment with your assigned advisor in [Starfish](#) to meet and discuss your goals. Learn more about Starfish [here](#).
- Explore careers and majors through workshops, [counseling](#) and [career services](#).
- Come to the [Library](#) to get help with research; check out resources; access computers and study space; and create media projects.
- Visit the [Student Learning Center](#) to learn about tutoring services offered in-person and online.
- Check out [campus life: Student Clubs and Affinity Groups](#), [TRIO](#), [Equity & Welcome Center](#), [Wellness Center](#), etc.
- Apply to [LSAMP](#).

### Quarter 2

- Create an [educational plan](#) with your [assigned advisor](#).
- Apply for [financial aid](#) for the upcoming academic year in Winter or Spring quarter to maximize your funding options.
- Visit [North's Transfer webpage](#) for transfer information.
- Attend [transfer events](#) at North and universities of interest.
- Research and develop a list of four-year colleges and universities.
- Attend the Northwest Geological Society and Association of Engineering and Environmental Geologists (AEEG) professional societies meetings.

### Quarter 3

- Apply for the [Seattle Colleges Foundation Scholarship](#) and [other scholarships](#).
- Consider [Student Leadership positions](#) and other [on-campus jobs](#) such as lab aid.
- Attend the University of Washington Undergraduate Research Symposium.
- Attend "Making Learning and Teaching Visible" campus event every spring.
- Consult geology instructor on volunteer opportunities or field work in the summer.
- Visit potential universities, view geology research areas, and determine application deadlines.

### Quarter 4

- Update your educational plan and confirm your program of study with your [assigned advisor](#).
- Contact Geology departments and investigate geology subdisciplines at potential universities.

### Quarter 5

- Attend transfer fair and workshops.
- Research major-related scholarships such as: Women in Science and Engineering (WISE) and Association for Women Geoscientists (AWG) scholarship.
- Update your educational plan with your [assigned advisor](#).
- Apply for [financial aid](#) for the upcoming academic year in Winter or Spring quarter to maximize your funding options.



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**Quarter 6**

- Visit potential universities and determine application deadlines.
- Explore possible Geology Internships and/or undergraduate research projects.
- Apply for the [Seattle Colleges Foundation Scholarship](#) and [other scholarships](#).

**Quarter 7**

- Write your personal statement for university applications.
- Attend Undergraduate Research Symposium at University of Washington.
- Apply to universities or colleges and scholarships.
- Update your educational plan with your [assigned advisor](#).

**Quarter 8**

- [Apply](#) for the [Associate of Science - Transfer, Track 2 \(AS-Track 2\)](#) degree in ctcLink. Check with your assigned advisor to be sure you are meeting degree requirements.

**Quarter 9**

- Check in with university for transfer plan.



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