Pathway: **Biology (Accelerated)**
Area of Study: **Science, Technology, Engineering, and Math**

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Overview

This pathway meets requirements for the Associate of Science - Transfer, Track 1 (AS-Track 1) with a concentration in Biology. Completion of this degree opens doors to a variety of careers in sectors including research, healthcare, education, non-profit, technology and government. It also allows you to transfer into a Biology or related major at a four-year college or university. (Read program QR code to see more)

Estimated Length of Completion

Degree: Associate of Science - Transfer, Track 1 (LRST1AS)
6 quarters, Full time

Career Opportunities

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

- Biologist (Zoology, Botany, Ecology, Marine, Micro, Cell, Genetics)
- Agricultural Scientists/Food Scientists
- Animal Scientists
- Archeologists
- Bioengineers/Biochemists
- Computer and Information Scientists
- Environmental/Con ...(Read program QR code to see more)

Future Education

Once you complete the AS-Opt 1 degree, additional education opportunities include:

- Bachelor's degree in Biology (such as Botany, Zoology, Microbiology, Genetics, Marine Biology), Environmental Science, or a related field at a four-year college or university.
- Bachelor of Applied Science (BAS) degree at one of the Seattle Colleges.
- Continuation of preparation for professional programs such as pre-medicine, pre-dental, pre-veterinarian, pre-pharmacy, physical therapy.

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. Biology graduates from North have also transferred to out-of-state institutions. Program and admissions requirements vary from college-to-college. For example, the University of Washington requires two quarters of world language for admission, three quarters to graduate. Contact an 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 Biology programs in Washington state or around the country.

Scan QR code to learn more about this program.

07/02/2025

NORTH SEATTLE COLLEGE

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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 2025-26.

Need help paying for college?

All students in need should apply for financial aid – do not assume you are not eligible! Visit Financial Aid to learn more about the application steps and types of financial aid available, including grants and scholarships you don't have to pay back. Additional funding may be available through the Biology department.

Program Contact

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Advising Contact

Contact the Science, Technology, Engineering, and Mathematics Area of Study advisor

Phone: (206) 934-3658

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07/02/2025

NORTH SEATTLE COLLEGE

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Before Quarter One

- Pre-College or Transitional Studies Math (if needed).
- Pre-College or Transitional Studies English (if needed).
- Take CHEM&139 General Chemistry Prep as a prerequisite to CHEM&161 General Chemistry with Lab I or take the chemistry placement exam.
- 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

- ENVS&100 or Individuals/Cultures/Societies (5 units)
- ENGL&101 English Composition I (5 units)
- CHEM&161 General Chem W/Lab I (6 units)

Quarter 2

- MATH&141 Precalculus I (5 units)
- CHEM&162 General Chem W/Lab II (6 units)
- BIOL&211 Majors Cellular Biology (5 units)

Quarter 3

- CHEM&163 General Chem W/Lab III (6 units)
- BIOL&212 Majors Animal (5 units)
- MATH&142 Precalculus II (5 units)

Quarter 4

- UGR294 Independent Research (5 units)
- BIOL&213 Majors Plant (5 units)
- MATH&151 Calculus I (5 units)
- PHYS&114 General Phys I W/Lab (5 units)

Quarter 5

- MATH&152 Calculus II (5 units)
- UGR294 Independent Research (5 units)
- PHYS&115 General Phys II W/Lab (5 units)
- World Language I or another Visual, Literary, and Performing Arts class (5 units)

Quarter 6

- MATH211 or MATH&146 (5 units)
- BIOL290 or BIOL&260 or PHYS&116 (5 units)
- UGR294 Independent Research (5 units)

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07/02/2025

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Sample Quarterly To-Do List

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

Quarter 1

- Schedule an advising appointment with your assigned advisor or retention specialist in Starfish to meet and discuss your goals. Learn more about Starfish.
- 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, AANAPISI, TRIO, Community & Welcome Center, Wellness Center, etc.
- Apply to LSAMP.
- Consider taking a field trip class (See SCI or GEOL one credit classes).

Quarter 2

- Create an education plan with your assigned advisor or retention specialist.
- Apply for the Seattle Colleges Foundation Scholarship and other scholarships.
- Apply for financial aid for the upcoming academic year in Winter or Spring quarter to maximize your funding options.
- Research and develop a list of four-year colleges and universities.
- Attend transfer workshops and a transfer fair.

Quarter 3

- Update your education plan with your assigned advisor or retention specialist.
- Explore careers and majors through workshops, counseling and career services.
- Connect with potential universities' admission offices at transfer fairs and info sessions, and determine application procedures and deadlines
- Consider Student Leadership positions and other on-campus jobs such as lab aid.
- Attend the University of Washington Undergraduate Research Symposium.
- Explore summer course offerings from your second year classes.

Quarter 4

- Update your education plan and confirm your program of study with your assigned advisor or retention specialist.
- Contact Biology departments at potential universities.
- Write your personal statement for university applications.
- Attend transfer workshops and connect with universities if you haven't already.

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07/02/2025

NORTH SEATTLE COLLEGE

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Quarter 5

- Apply to graduate for the Associate of Science - Transfer, Track 1 (LRST1AS) degree in ctcLink. Check with your assigned advisor or retention specialist to be sure you are meeting degree requirements.
- Appy for financial aid for the upcoming academic year in Winter or Spring quarter to maximize your funding options.
- Apply to universities or colleges and scholarships.
- Look for summer internships such as Research Experience for Undergraduates (REUs).

Quarter 6

- Check in with university for transfer plan.
- Order cap and gown for commencement and join alumni association.
- Attend graduation celebrations and commencement ceremony.

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07/02/2025

NORTH SEATTLE COLLEGE