

Pathway: **Biology (Pre-Medicine)**

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



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Overview

This pathway prepares students who hold a bachelor's degree to complete medical school science admission requirements. Completion of this pathway prepares students to apply to medical school. Admission to medical school is selective and dependent on multiple factors. Students should carefully research target institution requirements and will need clinical exposure outside of coursework. (Read program QR code to see more)

Estimated Length of Completion

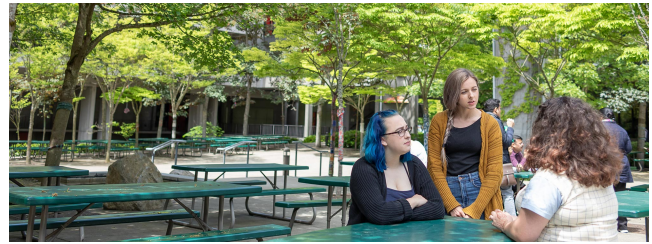
Degree: No Degree
8 quarters, Full time

Career Opportunities

A Pre-medicine pathway can lead to various career opportunities once students apply, are admitted to, and finish medical school. Examples include:

- Physician
- Surgeon

A Doctor of Medicine is required for the careers listed above. For current employment and wage estimates, please visit www.bls.gov/oes.



Future Education

Once you complete the Pre-medicine pathway, additional education opportunities include:

- Medical Degree or a related field at a four-year college or university.
- Continuation of preparation for professional programs such as pre-medicine, pre-dental, pre-veterinarian, pre-pharmacy, physical therapy.

Note: This pathway assumes students have already obtained a Bachelor's degree. You can use the College Navigator search engine found at <http://nces.ed.gov/collegenavigator> to find programs in Washington state or around the country.



Scan QR code to learn more about this program.

05/03/2024

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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

Biology Coordinator

[Suzanne Schlador](#)
[email](#)

Math & Science Division

Location
IB 2429

Division Contacts

(206) 934-3746
(206) 934-3748 (fax)

Mailing Address

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9600 College Way N
3N2429
Seattle, WA 98103

Dean

[Vashti Bryant](#)

Advising Contact

Contact the [Science, Technology, Engineering, and Mathematics 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).
- ENGL&101 and ENGL&102 Completed (English Composition I and II).
- Take CHEM&139 General Chemistry Prep as a prerequisite to CHEM&161 General Chemistry with Lab I or [take the chemistry placement exam](#).
- Review unofficial transcripts with an advisor.
- [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.
- Check with prospective universities to confirm specific entrance requirements.
- 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

- BIOL&211 Majors Cellular Biology (5 units)
- CHEM&161 General Chem W/Lab I (6 units)
- MATH&141 Precalculus I (5 units)
- UGR294 Independent Research (5 units)

Quarter 2

- BIOL&212 Majors Animal (5 units)
- CHEM&162 General Chem W/Lab II (6 units)
- MATH&142 Precalculus II (5 units)
- UGR294 Independent Research (5 units)

Quarter 3

- BIOL&213 Majors Plant (5 units)
- CHEM&163 General Chem W/Lab III (6 units)
- MATH&151 Calculus I (5 units)
- UGR294 Independent Research (5 units)

Quarter 4

- PHYS&114 General Phys I W/Lab (5 units)
- Visual, Literary and Perf Arts or Individuals/Cultures/Societies (5 units)

Quarter 5

- CHEM&241 Organic Chem I (4 units)
- MATH&152 Calculus II (5 units)
- PHYS&114 or PHYS&221 (5 units)

Quarter 6

- PHYS&115 or PHYS&222 (5 units)
- CHEM&242 Organic Chem II (4 units)
- CHEM&251 Organic Chem Lab I (4 units)

Quarter 7

- PHYS&116 or PHYS&223 (5 units)
- CHEM&243 Organic Chem III (4 units)
- MATH&146 or MATH211 (5 units)
- CHEM255 Biochemistry I (3 units)

Quarter 8

- CHEM&252 Organic Chem Lab II (4 units)
- CHEM256 Biochemistry II (3 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](#).
- 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.
- Investigate clinical and shadowing opportunities.
- Apply to [LSAMP](#).

Quarter 2

- Check in for help with advising for creating an [educational plan](#).
- Research and develop a list of medical schools of interest.
- Explore acceptance information and data through the AAMC.org (American Association of Medical Colleges).

Quarter 3

- Visit potential universities and determine application deadlines and admission requirements for medical schools.
- Attend the University of Washington Undergraduate Research Symposium.
- Begin learning about the MCAT (Medical College Admissions Test).
- Attend "Making Learning and Teaching Visible" campus event every spring.
- Attend relevant [career](#) and [transfer events](#).
- Explore summer research opportunities.

Quarter 4

- Update your educational plan with help from [an advisor](#).
- Pursue clinical and volunteer experiences if needed for applications.

Quarter 5

- Identify the best date and location to take the MCAT (Medical College Admission Test).
- Ask instructors and others for letters of recommendation.

Quarter 6

- Continue clinical and shadowing opportunities as needed.

Quarter 7

- Study for the MCAT.

Quarter 8

- Take the MCAT keeping in mind application deadlines.
- Submit applications for medical school through AMCAS (American Medical College Application Service).



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