

Pathway: Physics (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 2 degree requirements with a concentration in Physics (Accelerated). An "accelerated" pathway assumes students already have some background knowledge in physics, chemistry, computer science, and at the calculus level for mathematics either from high school or other college coursework. Alternatively, most physics students follow the non-accelerated Physics pathway. Please see your advisor to make your personalized educational plan for a pathway that works best for you. (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 Physics pathway can lead to various career opportunities. Examples include:

- Physical sciences technician
- Physics Teacher
- Engineer
- Programmer
- Research scientist
- Web developer
- IT consultant/data analyst
- Financial analyst

A Bachelor's degree or higher may be required for some careers listed above. For more information, (Read program QR code to see more)

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?

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

Physics Department Contact

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Math & Science Division

Location IB 2429

Division Contacts

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Dean

[Alissa Agnello](#)

Advising Contact

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

Phone: (206) 934-3658



Scan QR code to learn more about this program.

06/30/2025



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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.

A sample schedule is below. The schedule will help you explore courses. 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

- ENGL&101 English Composition I (5 units)
- MATH&151 Calculus I (5 units)

Quarter 2

- CHEM&161 General Chem W/Lab I (6 units)
- MATH&152 Calculus II (5 units)

Quarter 3

- CHEM&162 General Chem W/Lab II (6 units)
- MATH&163 Calculus 3 (5 units)

Quarter 4

- CHEM&163 General Chem W/Lab III (6 units)
- Visual, Literary and Perf Arts (5 units)

Quarter 5

- CSC142 or Approved Elective (5 units)
- PHYS&221 Engineering Physics I (5 units)

Quarter 6

- PHYS&222 Engineering Physics II (5 units)
- ENGR240 Intro Numerical Methods (5 units)

Quarter 7

- PHYS&223 Engineering Physics III (5 units)
- MATH220 or MATH224 or MATH238 (5 units)

Quarter 8

- Visual, Literary and Perf Arts or
Individuals/Cultures/Societies (5 units)
- MATH220 or MATH224 or MATH238 (5 units)

Quarter 9

- Individuals/Cultures/Societies (5 units)
- MATH220 or MATH224 or MATH238 (5 units)



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