

## Pathway: Physics

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



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#### Overview

This two-year pathway is designed for students who wish to complete an Associate of Science - Track 2 degree with a concentration in Physics. Students in this program develop an understanding of physics and skills in experimental design, teamwork, project management, programming, advanced math, technical writing, applying physics to interdisciplinary problems, and effective communication. (Read program QR code to see more)

#### Estimated Length of Completion

Degree: Associate of Science - Transfer, Track 2 (PHST2AS)  
7 quarters, Full 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... (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](#) 2024-25.

#### Need help paying for college?

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

#### Program Contact

For more information, contact  
Science, Technology, Engineering, Math, and Business  
Division  
206.934.3858  
[STEMB.Central@seattlecolleges.edu](mailto:STEMB.Central@seattlecolleges.edu)

#### Advising Contact

Advising hours and services: [seattlecentral.edu/campus-life/student-support-and-services/transfer-and-career-advising/meet-advisor](https://seattlecentral.edu/campus-life/student-support-and-services/transfer-and-career-advising/meet-advisor)

Schedule in-person, Zoom, or phone appointments: [Starfish](#)

Email: [AdvisorCentral@seattlecolleges.edu](mailto:AdvisorCentral@seattlecolleges.edu)

Phone: 206.934.4068

Location: Broadway Campus BE1102D



Scan QR code to learn more about this program.

05/08/2024



SEATTLE CENTRAL  
COLLEGE

## Pathway: **Physics**

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



#### Get Started

**Step 1:** Apply and register at South 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)
- HDC101 Orientation to College (3 units)
- STEM118 Sci, Equity, Social Justice (2 units)
- MATH&141 Precalculus I (5 units)

##### Quarter 2

- ENGL&102 or CMST&101 or CMST&220 (5 units)
- MATH&142 Precalculus II (5 units)
- CHEM&161 General Chemistry W/ Lab I (6 units)

##### Quarter 3

- MATH&151 Calculus I (5 units)
- CHEM&162 General Chemistry W/ Lab II (6 units)
- CSC110 Intro to Computer Programming (5 units)

##### Quarter 4

- PHYS&221 Engineering Physics I W/ Lab (5 units)
- MATH&152 Calculus II (5 units)
- Visual, Literary and Perf Arts or World Languages 1 (5 units)

##### Quarter 5

- PHYS&222 Engineering Physics II W/ Lab (5 units)
- MATH&163 Calculus 3 (5 units)
- Visual, Literary and Perf Arts or World Languages 2 (5 units)

##### Quarter 6

- PHYS&223 Engineering Physics III W/ Lab (5 units)
- MATH238 Differential Equations (5 units)
- Visual, Literary and Perf Arts (5 units)

##### Quarter 7

- MATH220 Linear Algebra (5 units)
- Individuals/Cultures/Societies (5 units)
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