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

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Overview

This pathway is designed for students who wish to complete an Associate of Science - Track 2 degree with a concentration in Computer Science. Students in this program will study the application of mathematics, science, and practical experience to invent, innovate, design, build, maintain, research,?and improve products that impact people's lives. This program provides options to study engineering applications across many fields, with?courses in the natural sciences, computer science, math, engineering and more. (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 Computer Engineering pathway can lead to various career opportunities. Examples include:

- Software Programmer/Engineer/Developer Systems Manager
- Web/Game/Cloud/Mobile Developer
- Systems Analyst
- Security Analyst
- Information Researcher
- UX Designer
- Areas of specialization may include: Cybersecurity ...(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

Advising Contact

Advising hours and services: 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

Phone: 206.934.4068

Location: Broadway Campus BE1102D

Scan QR code to learn more about this program.

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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 Composition II (5 units)
- MATH&142 Precalculus II (5 units)
- Visual, Literary and Perf Arts or World Languages 1 (5 units)

Quarter 3
- CSC110 Intro to Computer Programming (5 units)
- MATH&151 Calculus I (5 units)
- Individuals/Cultures/Societies (5 units)

Quarter 4
- CSC142 Computer Programming I (5 units)
- MATH&152 Calculus II (5 units)
- Individuals/Cultures/Societies or Visual, Literary and Perf Arts (5 units)

Quarter 5
- CSC143 Computer Programming II (5 units)
- PHYS&221 Engineering Physics I W/ Lab (5 units)
- Elective (5 units)
  Individuals/Cultures/Societies | Visual, Literary and Perf Arts | MATH 220 | MATH 238

Quarter 6
- PHYS&222 Engineering Physics II W/ Lab (5 units)
- MATH&163 Calculus 3 (5 units)
- Elective (5 units)
  Visual, Literary and Perf Arts | Individuals/Cultures/Societies | MATH 220 | MATH 238

Quarter 7
- PHYS&223 Engineering Physics III W/ Lab (5 units)
- CHEM&161 General Chemistry W/ Lab I (6 units)
- Elective (5 units)

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