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. (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)

Future Education

Once you complete the AS-Track 2 degree, additional education opportunities include:

- Bachelor's degree in Computer Science/Computer Engineering.

Other options include: Informatics, Applied Computational Math, Computer Engineering or a related field with additional coursework. Talk with your advisor to customize your educational plan.

Seattle Central College has direct transfer agreements with four-year institutions throughout Washington state, including the University of Washington, Washington State University, and Seattle University. Computer Science graduates from Seattle Central have also transferred to out-of-state institutions. Program and admissions requirements vary from college-to-college. Contact an advisor to create an educational plan tailored to transfer to the institution of your choice.

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.

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

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Before Quarter One

- Attend New Student Orientation
- Explore careers and majors: workshops, counseling and Career Exploration Center
- Visit the Financial Aid Office to explore how to pay for college
- Transfer previous college credits to Central *if applicable*
- Take the Math and English placement if needed

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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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 discuss your academic goals and to create a short-term educational plan
- Visit the Learning Support and Tutoring Center for tutoring
- Drop by the Library to get help with research; check out resources; access computers and study space; and create media projects
- Apply to the Ready Set Transfer (RST) Academy

Quarter 2

- Research and develop a list of four-year colleges and universities
- Attend transfer workshops and a transfer fair
- Apply for the Seattle Colleges Foundation Scholarship and other scholarships

Quarter 3

- Consider Student Leadership positions and other on-campus jobs
- Visit potential universities and determine application deadlines
- Meet with Transfer Center advisor to determine transfer eligibility
- Attend the University of Washington Undergraduate Research Symposium

Quarter 4

- Create long-term educational plan with your assigned advisor
- Research and contact Engineering departments at potential universities
- Attend transfer workshops and a transfer fair
- Attend transfer day at prospective university
- Write your personal statement for university applications

Quarter 5

- Apply to universities or colleges and scholarships
- Look for summer internships such as Research Experience for Undergraduates (REUs).
- Plan to participate in the transfer student events at prospective universities
- Apply for FAFSA or WASFA at transfer university

Quarter 6

- Apply for graduation for the AS-Track 2 degree
- Check in with university for admissions status
- Order cap and gown for commencement and join Seattle Central Alumni Association
- Attend graduation fair and commencement ceremony

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