

Pathway: Math

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 Mathematics. Students in this program will learn how to use mathematical concepts to break down complicated problems into manageable pieces. Students will use creative, exploratory, and lateral thinking in problem-solving as well as strong reasoning and analytical-thinking skills through math courses ranging from basic arithmetic to differential equations. (Read program QR code to see more)

Estimated Length of Completion

Degree: Associate of Science - Transfer, Track 2 (PHST2AS)

6 quarters, Full time

Career Opportunities

A Math pathway can lead to various career opportunities. Examples include:

- Mathematician
- Financial analyst
- Data analyst
- Actuary
- Statistician
- Data scientist
- Math teacher
- Logistician
- Operations analyst
- Computer or electrical engineer
- Computat ...(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



Scan QR code to learn more about this program.

05/20/2024



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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)
- MATH&141 Precalculus I (5 units)
- CSC110 Intro to Computer Programming (5 units)

Quarter 2

- MATH&142 Precalculus II (5 units)
- Visual, Literary and Perf Arts or World Languages 1 or ECON&201 (5 units)
- CSC142 Computer Programming I (5 units)

Quarter 3

- MATH&151 Calculus I (5 units)
- ENGL&102 or CMST&101 or CMST&220 (5 units)
- Visual, Literary and Perf Arts or World Languages 2 or ECON&202 (5 units)

Quarter 4

- MATH&152 Calculus II (5 units)
- MATH&146 Introduction to Statistics (5 units)
- PHYS&221 Engineering Physics I W/ Lab (5 units)

Quarter 5

- MATH&163 Calculus 3 (5 units)
- MATH238 Differential Equations (5 units)
- PHYS&222 Engineering Physics II W/ Lab (5 units)

Quarter 6

- MATH220 Linear Algebra (5 units)
- MATH224 Vector Calculus (5 units)
- PHYS&223 Engineering Physics III W/ Lab (5 units)



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