

## Pathway: Chemistry

### 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 1 with a concentration in Chemistry. Students in this pathway learn about matter and energy down to the molecular level. Courses build a solid foundation in general chemistry and develop students' understanding of the scientific method of experimentation, observation, and analysis of results. Students will also gain hands-on experience in the lab. (Read program QR code to see more)

#### Estimated Length of Completion

Degree: Associate of Science - Transfer, Track 1 (LRST1AS)  
8 quarters, Full time

#### Career Opportunities

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

- Doctor (MD or MD-PhD)
- Pharmacist
- Pharmacologist
- Research Scientist
- Analytical Chemist
- Chemical Engineer
- Healthcare Professional
- Environmental Scientist
- Chemical Safety Professional&n ... (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 phone and Zoom appointments: [Starfish](#)

Email and phone: [AdvisorCentral@seattlecolleges.edu](mailto:AdvisorCentral@seattlecolleges.edu)/  
206.934.4068/ 206.934.4068

Location: Broadway Campus BE1102D



Scan QR code to learn more about this program.

05/20/2024



SEATTLE CENTRAL  
COLLEGE

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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)
- MATH&141 Precalculus I (5 units)
- STEM101 or STEM118 (2 units)

##### Quarter 2

- MATH&142 Precalculus II (5 units)
- CHEM&139 General Chemistry Prep (5 units)
- ENGL&102 or Communication (5 units)

##### Quarter 3

- MATH&151 Calculus I (5 units)
- CHEM&161 General Chemistry W/ Lab I (6 units)
- Visual, Literary and Perf Arts (5 units)

##### Quarter 4

- MATH&152 Calculus II (5 units)
- CHEM&162 General Chemistry W/ Lab II (6 units)
- PHYS&221 Engineering Physics I W/ Lab (5 units)

##### Quarter 5

- CHEM&163 General Chemistry W/ Lab III (6 units)
- MATH&163 Calculus 3 (5 units)
- PHYS&222 Engineering Physics II W/ Lab (5 units)

##### Quarter 6

- CHEM&241 Organic Chemistry I (4 units)
- PHYS&223 Engineering Physics III W/ Lab (5 units)
- MATH238 Differential Equations (5 units)

##### Quarter 7

- CHEM&242 Organic Chemistry II (4 units)
- Individuals/Cultures/Societies (5 units)
- CHEM&251 Organic Chemistry Lab I (4 units)

##### Quarter 8

- CHEM&243 Organic Chemistry III (4 units)
- Individuals/Cultures/Societies or Visual, Literary and Perf Arts (5 units)
- CHEM&252 Organic Chemistry Lab II (4 units)



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