

## Pathway: Chemistry

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



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#### Overview

This pathway is designed to meet Associate in Science Track 1 degree requirements with a concentration in Chemistry. This pre-major pathway is designed to prepare you to transfer at the junior-level into an chemistry or related program at a four-year college or university. Chemistry plays a role in almost everything we do. As a central science, it's closely connected with biology, math and physics. During the course of your studies, you'll learn about matter and energy down to the molecular level. (Read program QR code to see more)

#### Estimated Length of Completion

Degree: Associate of Science - Transfer, Track 1 (LRST1AS)

6 quarters, Full time

#### Career Opportunities

- Pharmacologist
- Scientific Research
- Analytical Chemist
- Chemical Engineer
- Healthcare
- Environmental Protection
- Chemical Safety Office
- Patent Attorney
- Forensic Scientist
- Nuclear Engineer
- Toxicologist
- Nanotechnologist
- Hazardous Waste Chemist
- Geochemist
- Materials Scientist
- Chem ...(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

**New or Prospective Students:** Please connect with the [Welcome Center](#) to discuss South's program options and for help navigating the [Steps to Enroll](#).

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

Phone: 206-934-7943

**Current Students:** Please connect with [Advising](#) to create an educational plan and discuss specific class offerings for your program.

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

Phone: 206-934-5387

#### Advising Contact

If you are already registered for classes or a returning student, please see your primary advisor to create an educational plan. If you need assistance getting connected to the appropriate advisor, visit the [Advising Center website](#).

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

Phone: 206-934-5387



Scan QR code to learn more about this program.

05/19/2024



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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

- CHEM&139 General Chemistry Prep (5 units)
- MATH&141 Precalculus I (5 units)
- Pick one from the following list (variable units)  
POLS& 202 | ENVS 170 | STEM 111 | HUM 105

##### Quarter 2

- ENGL&101 English Composition I (5 units)
- MATH&142 Precalculus II (5 units)
- CHEM&161 General Chem W/Lab I (6 units)

##### Quarter 3

- MATH&151 Calculus I (5 units)
- CHEM&162 General Chem W/Lab II (6 units)
- ART221 or ENGL&256 or CMST&230 (5 units)

##### Quarter 4

- MATH&152 Calculus II (5 units)
- CHEM&163 General Chem W/Lab III (6 units)
- PHYS&221 Engineering Physics I (5 units)

##### Quarter 5

- MATH&163 Calculus 3 (5 units)
- CHEM&261 Organic Chem W/ Lab I (6 units)
- PHYS&222 Engineering Physics II (5 units)

##### Quarter 6

- CHEM&262 Organic Chem W/ Lab II (6 units)
- PHYS&223 Engineering Physics III (5 units)
- ECON&201 or SOC&101 or ANTH&100 (5 units)



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