

## 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. (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)



#### Future Education

Once you complete this Associate degree, additional education opportunities include:

- A bachelor's degree in biology, molecular biology, genetics, pre-med or a related field at a four-year college or university.
- A [Bachelor of Applied Science \(BAS\)](#) degree at one of the Seattle Colleges.

South Seattle College has direct transfer agreements with four-year institutions throughout Washington state, including University of Washington, Washington State University and Seattle University. Graduates from South 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.



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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

**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



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#### Before Quarter One

- Please visit the [Steps to Enroll](#) page for everything you need to do.
- [Review the Academic Calendar for key enrollment dates.](#)
- If you need help with the Steps to Enroll, please contact the [Welcome Center](#).

A sample schedule and quarterly to-do list are below. The schedule and to-do list will help you explore courses and complete tasks on time. 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)  
POL& 202 | ENV& 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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### Sample Quarterly To-Do List

This is an example of a quarterly to-do list:

#### Quarter 1

- Schedule an appointment with your advisor in [Starfish](#) to meet and discuss your goals.
- Explore careers and majors through workshops, [counseling](#), and [WorkSource career services](#).
- Visit the [Library](#) to get help with research; check out resources; access computers and study space; and create media projects.
- Visit the [Tutoring Center](#) to learn about tutoring services offered in-person and online.
- Get involved on campus! Check out some of the resources, clubs and activities available to you through [Student Life](#) and [TRiO](#), [RST](#), and more!
- Visit the campus MakerSpace and Innovation Lab.

#### Quarter 2

- Create an [educational plan](#) with your advisor.
- Research and develop a list of four-year colleges and universities.
- Attend transfer workshops and/or a transfer fair. Find more information on our [Transfer Resources](#) page.
- Apply for [financial aid](#) for the upcoming school year in Fall or early Winter Quarter to maximize your funding options.
- Visit South's [transfer webpage](#) for transfer information.
- Apply for Ready Set Transfer.

#### Quarter 3

- Update your [educational plan](#) with your assigned advisor.
- Attend a resume building or career workshop.
- Connect with potential universities (virtually or in person) and determine application deadlines.
- Research and apply for [scholarships](#).

#### Quarter 4

- Update your [educational plan](#) with your advisor.
- Attend transfer workshops, including a personal statement workshop.
- Write your [personal statement](#).
- Build relationships with faculty and staff at South to learn more about your pathway and future opportunities.
- Apply to universities or colleges and scholarships.

#### Quarter 5

- Apply for [financial aid](#) for the upcoming school year in Fall or early Winter Quarter to maximize your funding options.
- Apply to universities or colleges and scholarships.
- Explore internships in your major/career.
- Apply for [graduation](#) for your degree.

#### Quarter 6

- Check in with your university for transfer planning.
- Order cap and gown for commencement and join alumni association.
- Attend commencement ceremony.



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