

Major Planning Guide:

Chemistry

What can I do with a degree in chemistry?

Students who major in chemistry may plan to work as a chemist in the biotechnology, chemical, or pharmaceutical industry. Also this can be a good option for those preparing for a medical program. Some chemistry majors plan to teach high school science, become a science writer, or work for the government or environmental organizations. Chemistry majors may find that a graduate degree is required to move beyond entry-level jobs in many fields.

Related Majors

Biochemistry	Environmental Engineering
Microbiology	Pharmaceutical Sciences
Chemical Engineering	Medical Laboratory Science
Forensic Chemistry	
Atmospheric Sciences	
Environmental Science	

Where can I earn a bachelor's degree in chemistry in Washington?

Many universities offer chemistry as an undergraduate major. You can use the College Navigator search engine found at <http://nces.ed.gov/collegenavigator> to find chemistry programs in Washington state or around the country.

How do I prepare to major in chemistry?

Here are a few steps that we recommend you take to make sure that chemistry is the right choice for you. There are many different types of careers in chemistry, and it is important to do some research ahead of time to find the one that best fits your goals. An advisor can help you choose the transfer degree, and what courses you should take while

Step One: Research

- Those who are undecided about a major/career can make an appointment with our Career Exploration Center in BE 1102E take a career assessment test. This assessment can reveal your interests, values, and skills which then match you up with potential careers and programs that prepare you for specific career paths.
- Most universities offer a chemistry major, but the concentrations they offer vary. If you want to study biochemistry, for instance, make sure your intended transfer university offers that focus.
- Students planning to study chemistry will need to take several sequences of courses, for example, a three-course sequences of chemistry for majors, as well as sequences of calculus, organic chemistry, and biology. Check prerequisites for these courses, start early, and complete the entire sequence at the same college if at all possible.
- Our Transfer Center in BE 1102F can help find universities you are interested in attending and guide you through the application process.

Step Two: Pick a Degree

Students planning to major in chemistry often earn the Associate of Science (AS-T) – Option #1 degree. Advisors can help students understand how to best approach the math and science requirements necessary to complete this degree. You may pick up a degree planning worksheet for the AS-T—Option #1 ([blue sheet](#)) in BE 1102 lobby.

Step Three: Make a Long Range Academic Plan

Students planning to major in chemistry at a university usually take courses in chemistry, organic chemistry, calculus, physics, as well as general education requirements, to prepare to transfer.

English/Communication	Chemistry	Physics	Mathematics
<input type="checkbox"/> ENGL& 101	<input type="checkbox"/> CHEM& 161	<input type="checkbox"/> PHYS& 221	<input type="checkbox"/> MATH& 151
<input type="checkbox"/> ENGL& 102	<input type="checkbox"/> CHEM& 162	<input type="checkbox"/> PHYS& 222	<input type="checkbox"/> Math& 152
	<input type="checkbox"/> CHEM& 163		
	<input type="checkbox"/> CHEM& 241		

Please note: this is not a complete list of prerequisites. You should consult with an advisor at Seattle Central to make sure you take the appropriate courses to be prepared to enter the major.

*Check prerequisites, admission requirements, and GPA requirements at your intended transfer university early so you can be well-prepared to transfer.

What are my next steps?

- Once you have had the chance to explore the career opportunities in chemistry you might want to schedule an appointment to meet with an advisor to plan out your course of study. You can make an appointment by stopping by the Advising office in BE 1102D or calling us at 206-934-4068. (*If you are an international student, please stop by International Education Programs in BE 1113*).
- Attend Transfer Fairs and Career & Networking Fairs hosted by our office throughout the year.
- Explore the professional organizations in your area of interest for more information about education and career options.

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Seattle Central College is committed to providing qualified students with a disability an equal opportunity to access the benefits, rights, and privileges of services, programs and activities in an accessible setting appropriate to the student's needs. No student shall, on the basis of her or her disability, be excluded from participation, be denied the benefits of, or otherwise be subject to discrimination under any Seattle Central College program or activity.