

Chemistry (BSc)

Chemistry is often described as a central science due to its focus on the structure, properties, and synthesis of matter – which includes virtually everything from the plastics we use to the air we breathe, and from the water we drink to the medicine we take.

By choosing to study chemistry at Acadia, you will become an important part of leading-edge research in small, hands-on classroom and laboratory environments. You may pursue an Honours BSc in chemistry, a BSc with major in chemistry, and a BSc with double major, as well as participate in Acadia's award-winning co-op program. Both the Honours BSc and BSc with major in chemistry are accredited by the Canadian Institute of Chemistry, which allows you to meet professional licensing standards after graduation.

Many of our graduates go on to have a very high success rate in fields such as medicine, dentistry, and pharmacy.

Be Inspired

Acadia's chemistry department has faculty members who are active in many research areas, including environmental chemistry, chemical biology, health and wellness, materials science, photochemistry, and photophysics, among others. You will benefit from small class sizes, engaging researchers, and friendly faculty and staff. You will also have access to incredible research tools and facilities, and the option to enhance your post-secondary education by pursuing independent research projects and summer research jobs under the supervision of our faculty members.

Future Careers

- Agricultural chemist
- Analytical chemist
- Biochemist
- Biotechnologist
- Chemical engineer
- Chemistry instructor
- Clinical chemist
- Cosmetic chemist
- Dentist
- Environmental chemist
- Food chemist

- Forensic scientist
- Geochemist

- Industrial hygienist
- Lab manager
- Lab technician
- Medicinal chemist
- Medical doctor
- Molecular biologist
- Paint chemist
- Pharmacist
- Polymer scientist
- Researcher
- Toxicologist
- Veterinarian

First Year at a Glance

Semester One

CHEM 1113

Introductory Chemistry 1

MATH 1013

Introductory Calculus 1

PHYS 1013

Introductory Physics 1

ELECTIVE xxx3

Your choice

ELECTIVE xxx3

Your choice

Semester Two

CHEM 1123

Introductory Chemistry 2

MATH 1023

Introductory Calculus 2

PHYS 1023

Introductory Physics 2

ELECTIVE xxx3

Your choice

ELECTIVE xxx3

Your choice

[Apply](#)

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[Academic Calendar](#)

Co-op Available: Yes

Health Sciences Option Available: Yes

Honours: Thesis-based, with research

Get Involved:

Acadia Chemistry Club

Acadia Pre-Health Society

Women in Science and Engineering (WISE)

Contact

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