

CHEMISTRY

Uncovering the mysteries behind molecules

Chemistry is a central science that impacts all aspects of our everyday life, from the innovative materials that drive revolution in cell-phones, cars or even spaceships, to the pharmaceutical medicines that save lives.

If you are fascinated by the science behind these applications, the University of Guelph's chemistry programs will provide you with the foundation to understand complex molecular structures as well as the skills to manipulate and design new molecules with intriguing properties. You'll have the opportunity to gain practical laboratory experience in our state-of-the-art facility and complete research with award-winning faculty members.



245

Take electives in areas like pharmacology, molecular biology, and material science.

Undergraduate students in chemistry programs at the University of Guelph.

B.Sc. Majors in Chemistry

■ Available in co-op

Biological and Pharmaceutical Chemistry ■

Chemistry ■

Check out related majors in:

Biomedical Toxicology | Chemical Physics | Nanoscience

bsc.uoguelph.ca

Chemistry at Guelph

Our faculty are highly motivated, internationally-recognized scientists and teachers who are driven by helping you succeed. They bring their expertise on topics such as green energy, medicinal chemistry, material science and more to the classroom and the lab, where you can gain hands-on learning.

Co-op at Guelph

“Earn as you learn”. Our co-op programs give you an opportunity to diversify your skillset and gain valuable real-world experience that will complement your education.

- Research Assistant - [Sick Kids Hospital](#)
- Food Technologist - [Ministry of the Environment](#)
- Automated Laboratory Technician - [Maple Leaf Foods](#)

Career Opportunities

Our graduates have established themselves at the forefront of challenges facing our world today. They pursue a variety of careers and continue their studies in graduate school or other professional programs such as medicine, dentistry and law.

- Forensic Scientist - [Ontario Government](#)
- Regulatory Affairs Specialist - [Abbott](#)
- Quality Control Chemist - [Estée Lauder Cosmetic](#)

Ontario Admission Requirements

Ontario High School Requirements

- ENG 4U
- MCV 4U
- 2 of the following 3 courses: SBI4U, SCH4U, SPH4U
- 2 additional 4U or 4M courses

Estimated Cut-off Ranges

- 78-83%

Notes

- 2 of the 3 4U high school science courses are required for admission; completion of all 3 is recommended.

For full Admission Requirements, visit admission.uoguelph.ca

Interested in Learning More?

Let us help connect you with a current Chemistry student or a member of our Liaison Team.



cepsinfo@uoguelph.ca



[uofgceps](https://www.instagram.com/uofgceps)

For more information on Chemistry majors, first-year courses, co-op, and more, visit:

bsc.uoguelph.ca

Kristen chose the Biological and Pharmaceutical Chemistry program to combine her passion of biology and chemistry to get the best of both worlds. As a co-op student she gained real industrial knowledge and her experiences opened her eyes to the variety of possible career paths that are available to chemistry graduates at UoG.

Kristen Heidel
B.Sc. Biological and Pharmaceutical Chemistry

