

ENVIRONMENTAL CHEMISTRY

ABOUT THE PROGRAM

The Environmental Chemistry program **develops students** who can apply chemistry principles and solutions to environmental questions.

Students study matters and their properties with a focus on understanding how chemical processes impact the environment. Consequently, students leave the program with an understanding of specific areas of inquiry in environmental science including air pollution, toxic substances, and depletion.

Our Environmental Chemistry program develops a unique skill set in students who become poised to apply their knowledge for energy companies, environmental organizations, regulatory bodies, and technology firms.

Among other skills, Environmental Chemistry co-op students learn how to:

- design and execute experiments;
- investigate the presence of chemicals in the environment; and
- become familiar with techniques in Geographic Information Systems (GIS) and Remote Sensing (RS).



Our co-op program allows employers to choose between 4, 8, or 12-month work terms. You'll have the flexibility to take co-op students based on your organization's needs, whether you're looking for short-term talent on a time-bound project or long-term assistance with regular business activities. From posting to hiring, we can help you fill your position in as few as 10 business days.

SAMPLE JOB TITLES

Water Treatment Specialist

Environmental Assessment Analyst

Environmental Auditor

Development Scientist

Research Associate

STUDENT PROFILE

ZIYUE XIAN


"We often use office software to write and analyze laboratory reports, so we are able to help in basic office tasks as well."

**ENVIRONMENTAL /
PHYSICAL SCIENCES**

PROFILE : ZIYUE XIAN

When ZiYue Xian went on her work term at Kal-Polymers, a plastics raw material source, she was able to apply many skills and techniques from her program to the work environment. Her laboratory techniques were especially helpful in her role as a Lab and Office Assistant, and communication skills and office software skills were essential while conducting administrative work.

"In the morning I worked at the lab, testing their samples using different lab techniques to make sure the sample qualified for sale. In the afternoon I worked in the office dealing with the system the company used for shipping & receiving, creating labels, and export sales."



**ACCESS TO HIGH
LEVEL LABORATORY
ON CAMPUS."**

Students in the Environmental Chemistry program are well suited to laboratory work as they have access to a high level laboratory on campus.

"Our campus has a very high level laboratory that prepares students for work in industrial companies. Environmental Chemistry students from our program will have had more than enough laboratory experience to perform industrial laboratory tasks."

Students also come to their work term with a proficiency in office software and are able to assist in administrative tasks.

Your next big hire is from the University of Toronto Scarborough Arts & Science Co-op program.

Tap into our full-support team to hire in as few as 10 business days: uoft.me/hirestudents

CO-OP IN ACTION

"We have had the pleasure of participating in UTSC's Co-op program over the past 4 years. As a health regulator, the students have greatly assisted us in carrying out our mandate to protect the public interest by working on projects that involved governance, communications, policy research and policy development. We highly recommend this program, and want to thank the Co-op office for their tremendous assistance - scheduling interviews and hiring students was efficient and quick every year."

Judith M. Rigby, CPA, CGA
Registrar and CEO
College of Dental Technologists of Ontario