



Chemical Laboratory Technology

Get hands-on with the basics of chemistry to begin your career as a chemical, laboratory or research technologist in a number of industries, from petroleum and natural gas to environmental consulting.

In the Chemical Laboratory Technology program, you'll learn the fundamentals of chemistry and get hands-on experience using analytical instrumentation to analyze laboratory samples. Eligible students may also participate in a 12-month paid work placement program.

As a Chemical Laboratory Technologist, you'll work in a wide range of industrial and research settings.

Is this the right fit for you?

Students with higher grades and recent upgrading in Math 30 (Pure Math) and Chemistry 30 will experience more success in this program.

Additionally, students should have good work ethics and communication skills.

Accreditation

This program is nationally accredited by Technology Accreditation Canada (TAC). Graduates can also register with the Alberta Society of Engineering Technologists and Chemical Institute of Canada.

Credentials

After successfully completing this program, graduates will receive a SAIT diploma in Chemical Laboratory Technology.

Admission requirements

Admission dates

This program may not have an intake every semester. See available intakes above.

Intake semester	Semester begins	Applications open	Domestic applications close*	International applications close
Winter 2023	Jan. 9, 2023	March 30, 2022	Oct. 27, 2022	Now closed
Spring 2023	May 8, 2023	June 13, 2022	Feb. 24, 2023	Jan. 23, 2023
Summer 2023	July 4, 2023	Oct. 5, 2022	April 28, 2023	June 20, 2023
Fall 2023	Sept. 5, 2023	Oct. 5, 2022	June 28, 2023	May 23, 2023
Winter 2024	Jan. 8, 2024	March 29, 2023	Oct. 26, 2023	Sept. 28, 2023
Spring 2024	May 6, 2024	June 12, 2023	Feb. 23, 2024	Jan. 22, 2024

*In some instances, domestic applications will be accepted after the application deadline. In that case, the program's intake status will remain open.

Program requirements

Completion of the following courses or equivalents:

- at least 60% in Math 30-1 or 75% in Math 30-2
- at least 60% in English Language Arts 30-1 or 75% in English Language Arts 30-2
- at least 60% in Chemistry 30

All applicants must demonstrate [English language proficiency](#) prior to admission, including students educated in Canada.

SAIT accepts [high school course equivalents](#) for admission. If you don't meet the requirements, consider [Academic Upgrading](#).

SAIT evaluates international documents for admissions. After you've applied, consider our [international document assessment](#) service if your education is from outside of Canada. SAIT may also accept courses completed at certain [international post-secondary institutions](#).

Direct entry: four-step process

Step 1: Read the program information to see the qualities needed for student success.

Step 2: Ensure that you meet all of the admission requirements listed above.

Step 3: [Apply to the program](#) and [submit your transcripts](#).

Admission will be extended on a first-qualified, first-offered basis until the program is full.

Step 4: Continue to monitor your [application status](#) through [mySAIT.ca](#).

You must [submit final transcripts/grades](#) to show you have completed the courses and met the minimum admission requirements by the transcript deadline or your seat will be rescinded.

This program meets the eligibility criteria for the [Post-Graduation Work Permit program](#) for international students as long as the student is enrolled in the on-campus delivery mode or completes more than 50% of the courses on campus (for the blended option). International students attending all classes online will NOT be eligible for a Post-Graduate Work Permit. International students are responsible for maintaining their eligibility throughout their studies.

Communication during admission

Email is the primary source of communication during the selection process. Ensure your personal email account is managed appropriately to receive our emails, files and communications. We recommend you add the macphail.students@sait.ca domain to your safe senders' list or you risk missing critical email messages.

When do classes start?

Classes for this program adhere to the following year start and end dates based on the semester the student begins their program.

Classes begin	Year start date	Year-end date
Fall 2022	Sept. 6, 2022	April 28, 2023
Fall 2023	Sept. 5, 2023	April 26, 2024

Costs 2022/23

Domestic tuition and fees

Cost per credit: \$206

Year	Number of semesters	Tuition fees	SAIT fees	Saitsa fees*	Total
1	2	\$6,489	\$916	\$553	\$7,958
2	2	\$6,180	\$916	\$553	\$7,649

International tuition and fees

Cost per credit: \$655.75

Year	Number of semesters	Tuition fees	SAIT fees	Saitsa fees*	Total
1	2	\$20,656.13	\$916	\$553	\$22,125.13
2	2	\$19,672.50	\$916	\$553	\$21,141.50

*Maximum fee. Actual fees may be less and are based on the number of credits a student takes per semester and whether they opt-out of health and dental benefits.

SAIT fees

- Campus athletic and recreation fee: \$196
- Universal transit pass (Upass): \$320
- Student support fee: \$200
- Student technology fee: \$200

Saitsa fees

Student Association fee

- Maximum: \$291

This is the maximum amount the student will pay. Actual fees may be less and are based on the number of credits the students take per semester.

Health and dental fees

- Health plan: \$127
- Dental plan: \$135

Students with existing health and/or dental plans can opt-out. Please refer to [Saitsa's website](#) for information.

For more information on health and dental benefits for international students, please contact the [International Centre](#).

Books and supplies*

Books and supplies are approximately \$1,000 for the first year and \$500 for the second year.

For an estimate of the costs associated with purchasing a computer that meets the program's hardware and software requirements, see our [computers and laptops page](#).

Learn more about [tuition and financial aid](#).

*Tuition, fees, books and supply costs are subject to change.