



Information Systems Security

Train to become a computer systems security professional and gain a solid understanding of programming, operating systems, networking and strategy — using practical applications of defensive and offensive technologies.

With technology being a ubiquitous aspect of our everyday lives, computer and system security play a critical role in protecting users and organizations from cyber attacks. When the systems work, our data is protected and secure, but when they fail, it can be catastrophic. Businesses know they need systems in place to ensure the security of their data, and nation-states are focused on the security of their people.

The Information Systems Security program prepares you for entering the computer system security field with confidence and solid fundamental knowledge. You will use a wide variety of defensive and offensive tools while learning the fundamentals of networking, tool construction, and operating systems.

The first year of the program delivers a strong base of fundamental skills in programming, operating systems, networking, and strategy. The second-year moves into the more practical applications of defensive and offensive strategies, culminating with a capstone project in which students apply the sum of their learning in the program.

Is this a good fit for me?

Students who experience success in this program and profession:

- embody curiosity and strong problem-solving skills
- make their education a priority by demonstrating excellent working habits and focus
- have higher secondary and/or post-secondary grades
- are dedicated to the life-long learning that is critical to professional success
- possess basic literacies in computer networking and 'C' language programming.

Credential

Upon successfully completing this program, graduates will receive a SAIT diploma in Information Systems Security.

Admission and selection

Admission dates

Applications are accepted until the program start date but are subject to change.

- **Fall 2022 start:** applications are accepted from Oct. 6, 2021.
- **Winter 2023 start:** applications are accepted from March 30, 2022.
- **Spring 2023 start:** applications are accepted from June 13, 2022.

Program requirements

Completion of the following courses or equivalents:

- At least 65% in Math 30-1 or Pure Math 30, or at least 70% in Math 30-2 or Applied Math 30, **AND**,
- At least 60% in English Language Arts 30-1, or at least 65% in English Language Arts 30-2.

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. Find more information [here](#).

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 Information System Security and [submit your transcripts and/or anticipated final grades](#).

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

Step 4: Find out how to monitor your application status [after you apply](#).

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 sadt.advising@sait.ca domain to your safe senders' list or you risk missing critical email messages.

Costs 2022/23

Domestic tuition and fees

Cost per credit: \$458

Year	Number of semesters	Tuition fees	SAIT fees	Saitsa fees*	Total
1	2	\$13,740	\$916	\$553	\$15,209
2	2	\$13,740	\$916	\$553	\$15,209

International tuition and fees

Cost per credit: \$950.17

Year	Number of semesters	Tuition fees	SAIT fees	Saitsa fees*	Total
1	2	\$28,505.10	\$916	\$553	\$29,974.10
2	2	\$28,505.10	\$916	\$553	\$29,974.10

*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*

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.