



Integrated Artificial Intelligence

SCHOOL FOR ADVANCED DIGITAL TECHNOLOGY

Overview

Are you ready to unlock the potential of Artificial Intelligence (AI) and become an expert in AI systems integration and operation?

Our one-year Integrated Artificial Intelligence program will equip you with the knowledge and skills needed to excel in this innovative realm.

This program may be for you if you have previously completed post-secondary studies or have related work experience.

In this program, you will:

- acquire knowledge of ethical AI system design based on a deep understanding of ethical considerations, prioritizing fairness, transparency and accountability
- evaluate real-world case studies and tackle hands-on projects to develop and deploy AI solutions across diverse industries such as healthcare, finance, energy and more
- develop proficiency in implementing AI solutions that address real industry challenges with data science
- learn to communicate effectively with stakeholders, team members and non-technical audiences and bridge the gap between technical expertise and business objectives
- explore the crucial aspects of managing and analyzing data with a people-first approach and understand the significance of clean, reliable data in AI projects
- develop the ability to identify AI opportunities, assess risks and make data-driven decisions
- build technical and human skills that emphasize the fusion of technical expertise with human-centric skills
- learn how to lead AI projects with empathy, teamwork and understanding of human behaviour and needs.

By enrolling in this computer science program, you'll take the first step toward a career in the AI industry.

Potential roles include an AI systems architect, a data scientist or a project manager.

Our Integrated Artificial Intelligence program will empower you to thrive in this rapidly growing field. Your future in the world of AI awaits.

Traits, skills and aptitudes

Those working in the artificial intelligence field tend to be innovative, objective and directive.

You need:

- analytical skills
- technical aptitude
- effective communication
- ethical awareness
- speaking and writing skills
- an inquiring and inventive mind
- an eye for details
- patience and an organized approach to troubleshooting
- decision-making and problem-solving skills
- business acumen
- an aptitude for math and science
- teaching skills
- time-management skills.

To do well in this field, you should enjoy being innovative, working with others or independently, and being precise in your work.

Credentials

Upon successful completion of this program, you'll receive a SAIT Integrated Artificial Intelligence post-diploma certificate.

Practicum, Co-op and Work Integrated Learning

You'll complete a capstone project where you'll address a real-world AI challenge in a safe-to-fail environment.

You can also complete an optional work term after semester two. This work placement includes full-time paid employment.

Specialized Intakes

International applicants who wish to take this as a stand-alone program must complete the co-op work term to bring the total program length to 42 weeks to be eligible for a PGWP.

International bundle program

This program is available to international applicants as a stand-alone program or as part of a [program bundle](#) - two programs delivered consecutively.

If you choose the program bundle, you'll complete the Integrated Artificial Intelligence post-diploma certificate in the first year of study.

In the second year of study, you'll complete one of the following:

- [Business and Entrepreneurship certificate](#)
- [Data Analytics post-diploma certificate](#)
- [Management and Leadership certificate](#)

After completing both programs, you'll receive two credentials, including an Integrated Artificial Intelligence post-diploma certificate.

You may then qualify for a post-graduate work permit of up to three years. If you only complete one of the programs, you may be eligible for a one-year post-graduate work permit.

Applicants must meet the admission requirements for both programs.

[Bundle program details](#)

Admission requirements

Applicants educated in Canada

Applicants must demonstrate [English language proficiency](#) and meet the following requirements or equivalents:

- a diploma or degree from an accredited post-secondary institution in one of the following subject matter areas, or equivalent, with a minimum cumulative GPA of 2.3 (67% or C+):
 - information technology
 - computer science
 - data analytics
 - software development
- a combination of education and experience may be considered and is subject to approval by the academic chair.

Applicants educated outside of Canada

All applicants who were educated outside of Canada must demonstrate English Language proficiency and provide proof they meet the program admission requirements with an international document assessment. [Find out what educational documents are accepted and assessment options.](#)

SAIT may also accept courses completed at certain [international post-secondary institutions](#).

Costs

2024/25 tuition and fees

The following estimated costs are effective as of July 1, 2024.

Domestic Students

Year	Number of semesters	Tuition fees	Additional fees	Total per year
1	2	\$18,000	\$1,608	\$19,608
Total cost:				\$19,608

The estimated total cost of tuition and fees for domestic students is based on the recommended course load per year.

International Students

Year	Number of semesters	Tuition fees	Additional fees	Total per year
1	2	\$21,990	\$1,608	\$23,598
Total cost:				\$23,598

The estimated total cost of tuition and fees for international students is based on the recommended course load per year.

This program is also available as part of a [program bundle](#) with another certificate.

The below costs represent both programs in the bundle. The programs must be taken in the order listed.

Integrated Artificial Intelligence (year one) + Business and Entrepreneurship (year two) bundle

Year	Number of semesters	Tuition fees	Additional fees	Total per year
1	2	\$21,990	\$1,608	\$23,598
2	2	\$18,210	\$1,608	\$19,818
Total cost:				\$43,416

The estimated total cost of tuition and fees for international students is based on the recommended course load per year.

Integrated Artificial Intelligence (year one) + Management and Leadership (year two) bundle

Year	Number of semesters	Tuition fees	Additional fees	Total per year
1	2	\$21,990	\$1,608	\$23,598
2	2	\$18,210	\$1,608	\$19,818
Total cost:				\$43,416

The estimated total cost of tuition and fees for international students is based on the recommended course load per year.

Integrated Artificial Intelligence (year one) + Data Analytics (year two) bundle

Year	Number of semesters	Tuition fees	Additional fees	Total per year
1	2	\$21,990	\$1,608	\$23,598
2	2	\$18,408	\$1,608	\$20,016
Total cost:				\$43,614

The estimated total cost of tuition and fees for international students is based on the recommended course load per year.

Books and Supplies

Books and supplies are approximately \$1,500 per full-time year. The required textbooks will be discussed in class.

This is a bring-your-own-device program with a power-user hardware and software requirement. See the specific requirements on our [computers and laptops page](#).

Specifications	PC computers	Mac computers
Processor	i7	i7
RAM	32GB	16GB
Storage	512 GB SSD	512GB SSD
Video card	Nvidia Quadro T1000	AMD Radeon Pro
Screen size	15"	15"
Screen resolution	1920x1080	1920x1080
OS version	Windows 10 Pro 64-bit	Mac OS Catalina or newer
Approximate price (CAD)	\$3,000	\$2,750
Suggested model	Lenovo ThinkPad P1 Gen 3 16" Macbook Pro case model	

Required equipment/tools

Students will require their own cloud computing services subscription to CloudMyLab, approximately \$800 – \$1,200 per year.