Business Intelligence Data Analysis and Reporting

SCHOOL FOR ADVANCED DIGITAL TECHNOLOGY

Overview

Learn to turn data into powerful business insights through a hands-on, practical curriculum.

In this program, you'll learn to develop data-driven solutions that support decision-making across all levels of an organization. You'll focus on designing and implementing modern data architectures, cloud-based data pipelines, and data models that power analytics and reporting.

You'll build interactive dashboards and create compelling data visualizations to support business objectives, learning to communicate analytical findings effectively through storytelling, presentations, and reports tailored to business audiences.

As a student, you'll:

- design modern data architectures that enable scalable analytics and reporting
- build cloud-based data pipelines for data ingestion, transformation, and integration
- create impactful dashboards and data visualizations to support performance management
- model, cleanse, and transform data for accurate analysis and reporting
- present insights through effective data storytelling, using presentations, dashboards, and reports
- identify and communicate business data needs to guide digital and data-driven solutions.

As a graduate, you'll be prepared to align data initiatives with strategic business goals and apply insights to improve operational and tactical decision-making. You can pursue various career opportunities, including BI analyst, data analyst, or BI developer. The skills you acquire will be valuable in multiple industries and organizations.

Due to the tight integration of the courses in the Business Intelligence Data Analysis and Reporting program, credit for prior learning is not available.

Traits, skills and aptitudes

Those working in the business intelligence and data analysis field tend to be innovative, methodical and directive.

You need:

- to learn quickly, think logically and be self-directed
- to build abstract structures that represent complex relationships
- to focus on details without losing sight of the whole
- an awareness of legal, policy and privacy restrictions
- to have good communication skills
- to work well in a team
- to have a basic understanding of computer systems
- an active interest in keeping up with changes in technology.

The ideal candidate for the Business Intelligence program has:

- previous post-secondary education in business or technology
- a technical aptitude and a desire to combine their business and technology skills to assist businesses through technology solutions
- experience with relational databases.

To do well in this field, you should enjoy working with a variety of people in a team setting and solving problems.

Practicum, Co-op and Work Integrated Learning

In your second semester, you'll participate in either a:

- practicum with an employer, where you'll apply the skills and knowledge you've learned in an industry environment, or
- a capstone project, where you'll work with other students to create a solution and present the result to an industry partner.

Accreditations, designations and certifications

This program uses Microsoft curriculum for some courses. With additional relevant work experience and exam preparation, you can choose to pursue Microsoft certification.

Credentials

Upon successful completion of this program, you'll receive a SAIT Business Intelligence: Data Analysis and Reporting certificate.

Admission requirements

Applicants educated in Canada

Applicants must demonstrate English language proficiency and completion of the following courses or their equivalents:

- at least 60% in English Language Arts 30-1 or 30-2,

OR

- at least two years of post-secondary education from a recognized university, institute or college.

SAIT accepts high school course equivalents for admission for applicants educated outside Alberta.

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 accepted educational documents and assessment options.

SAIT may also accept courses completed at certain international post-secondary institutions.

Costs

2026/27 tuition and fees

The following estimated costs are effective as of July 1, 2026.

The estimated total cost of tuition and fees is based on the suggested schedule of study. Following a modified schedule will impact the fees you pay per semester and may alter final costs.

Domestic Students

Year	Number of semesters	Tuition fees	Additional fees	Total per year
1	1.5*	$11,115	$1,333.75	$12,448.75
			Total cost:	**$12,448.75**

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

*.5 indicates a combination of full-time semester(s) and part-time semester(s) in the same academic year. In many cases, students are completing a practicum during their part-time semester. Part-time students are those taking less than nine (9) course credits in a semester. You are not eligible for the UPass during a part-time semester.

International Students

The program total is based on the estimated amount you will pay if you enter this program during the 2026/27 academic year. The program total amount listed on your letter of admission may appear higher. This amount is your maximum tuition guarantee for the program. SAIT will not exceed this maximum, regardless of changes in tuition and fees between academic years.

Year	Number of semesters	Tuition fees	Additional fees	Total per year
1	1.5*	$18,174	$1,333.75	$19,507.75
			Total cost:	**$19,507.75**

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

*.5 indicates a combination of full-time semester(s) and part-time semester(s) in the same academic year. In many cases, students are completing a practicum during their part-time semester. Part-time students are those taking less than nine (9) course credits in a semester. You are not eligible for the UPass during a part-time semester.

Books and Supplies

Books and supplies are approximately $500.

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.

Find your booklist on the **SAIT Bookstore's** website. The booklist will be available closer to the program start date. Can't find your program or course? The bookstore didn't receive a textbook list. Contact your program directly to determine if they're still refining course details or if you're in luck; no textbook purchase is required this term.