

Big Data Analytics (BDAT) Ontario College Graduate Certificate

PART-TIME

Frequently Asked Questions

Do I need to apply?

Part-time students must apply to this program through ontariocolleges.ca
Use the code BDAO.

When can I start the program?

Intakes: September, January, May

How many courses do I take?

Full program details and Admission Requirements can be viewed on the [Program Outline](#).

Graduation requirements

12 Program Courses

Additional Information

To be successful in this program, students are required to have a personal notebook computer (either PC or Mac architecture) prior to the start of the program that meets or exceeds the following hardware specifications:

- Intel i7 processor or AMD equivalent
- 16GiB of memory (32 GiB recommended)
- dedicated graphics card/processor
- 500GB hard drive (SSD recommended)

What am I going to learn in this program?

Python is the core programming language, SQL, Hadoop, and Power BI. Cloud computing in Azure and/or AWS. Work is done in the Microsoft ecosystem. Given the pace of technological advancement in the field, the tools taught in the program are regularly updated.

If you do not have computer programming experience, it is recommended that you take a short online introduction to Python course. Python is a high-level, general purpose programming language with a design philosophy emphasizing code readability. You can find free courses at [Python For Beginners Courses Ranked from Best to Worst – freeCodeCamp Edition](#) as well as courses with fees from Udemy and Coursera.

What are the varying forms of delivery? Can I take this program online? Yes!

This program is delivered through GC Flex.

What is GC Flex?

A GC Flex course means faculty deliver lectures and labs in the classroom and simultaneously online.

This means the course has a day and a time so that students can come in person, they can watch the lecture live virtually during the class time OR they can take the course asynchronously.

All students are in the same section. You just study the way that works best for you.

[View the GC Flex ebook](#)

Students wanting to study online asynchronously – PLEASE NOTE – because these courses are delivered in 3 different methods, the course you register into will show a day and time – if you choose to study asynchronously, you are not required to attend live classes, either virtually or on-campus but you **MAY be required to be online at certain times to attend live group work or presentations or for tests/exams.**

BUSINESS INTELLIGENCE - BDAT 1010

Fee: \$344.40

Course registration number: 10923

Start: Tuesday, Sept. 6, 2022

End: Friday, Dec. 16, 2022

Class times

Days	Times	Building - Room
Wednesday	12:00 to 2:50 p.m.	K - 322

NOTE: This course is delivered online and in person. [Learn more about GC Flex.](#)

Campus: Barrie

FULL

Wondering if studying online asynchronously is right for you?

If you are wondering whether studying online is right for you – review the information at the links below as it may be helpful!

<https://ecampusontario.pressbooks.pub/learnonline/chapter/chapter-1/>
<https://studyonline.ca/resources/study-online-tips/>

How do I know which courses to take?

We have set a schedule up for you – review the [Delivery Schedule](#) posted on the program page:

Study Big Data Analytics part-time

Ontario College Graduate Certificate

Tell the story behind the information! This major growth area for applied research has been called the “sexiest job of the 21st century.”

Please refer to the [Big Data Analytics program page](#) for all of the main details, including admissions requirements.

[Delivery schedule](#)

[Information package](#)



On this page:

- [Program information](#)
- [Course information](#)
- [How to apply](#)
- [Frequently asked questions](#)
- [Contact us](#)

[Take the CareerMatch quiz](#)

[BDAT program information sheet](#)

[View more Computer Studies programs](#)

[2023-2024 program outline](#)

[2022-2023 outline \(PDF\)](#)

[Program outline archive](#)

NOTE: The Delivery Schedule shows the order in which part-time students should take courses. This was set by the program coordinator and is highly recommended you follow the path to ensure you have courses to take each semester. If you have questions about which courses to take, connect with the program coordinator listed on the Delivery Schedule.

How long will it take to complete the certificate?

This varies depending on how many courses you take each semester. Total courses: 12

3 courses per semester: finish in 4 semesters (under 1.5 years)

Example: Fall – Winter – Summer – Fall

2 courses per semester: finish in 6 semesters or 2 years

Example: Fall – Winter – Summer – Fall -Winter – Summer

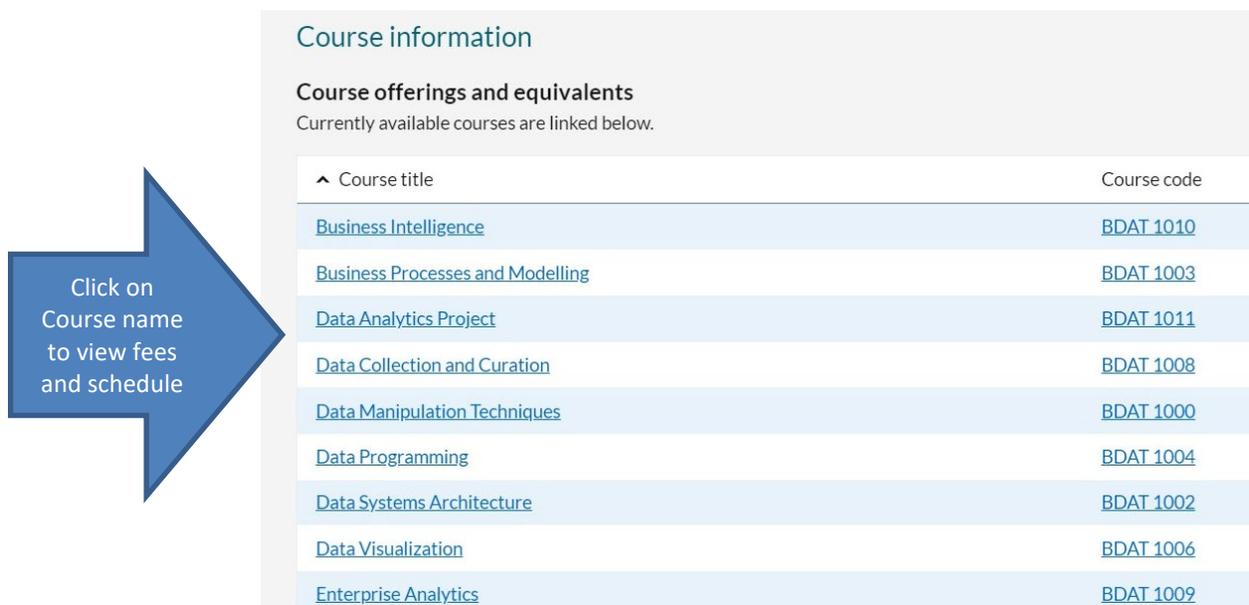
What is the cost of the program?

There is no program fee when studying part-time. As a part-time student, you can take 1, 2 or 3 courses at a time in any given semester.

Payment is per course, as you register.

The course fees change year-to-year and course to course. The best source for accurate fees is to check the website: [Big Data Analytics](#).

See screenshot below.



The screenshot shows a web interface with the following sections:

- Course information**
- Course offerings and equivalents**
Currently available courses are linked below.

Course title	Course code
Business Intelligence	BDAT 1010
Business Processes and Modelling	BDAT 1003
Data Analytics Project	BDAT 1011
Data Collection and Curation	BDAT 1008
Data Manipulation Techniques	BDAT 1000
Data Programming	BDAT 1004
Data Systems Architecture	BDAT 1002
Data Visualization	BDAT 1006
Enterprise Analytics	BDAT 1009

A blue arrow points from the text "Click on Course name to view fees and schedule" to the course names in the table.

Each course listed links to course sections with fees:

Information Encoding Standards

BDAT 1001

Course description

Information is stored, transmitted and represented in many different forms and file formats. In this course, students evaluate and compare common technologies and standards that are used to encode and transmit information. Students gain hands-on experience selectively migrating and synchronizing data between different systems that can be utilized by a variety of different applications.

Credits

3

Students registering for course registration. Declaring a program, individual courses may be

For more information, please

This course is 42 hours and has a fee of \$344.40

There is a day, time and room for students who wish to attend in person or online.

Note that there is a mention of GC Flex – that means this course is delivered via GC Flex and you have a choice to attend asynchronously.

Available Courses

Unless stated, the course fee does NOT include the textbook(s). Not all courses have required textbooks. See [registration dates](#) for courses that are not yet open.

Information Encoding Standards - BDAT 1001 Tuesday, Sept. 5, 2023

INFORMATION ENCODING STANDARDS - BDAT 1001

Fee: \$344.4

Course registration number: 10969

Start: Tuesday, Sept. 5, 2023

End: Friday, Dec. 15, 2023

Class times

Days	Times	Building - Room
Tuesday	10:00 a.m. to 12:50 p.m.	N - 202

NOTE: This course is delivered online and in person. [Learn more about GC Flex.](#)

Campus: Barrie

Add to cart

NOTE: Course sections and fees for this program show during the Part-time Credit registration (add/drop) period only.

This date can be found on our website: [IMPORTANT DATES](#)

Are part-time students eligible for OSAP?

Part-time students MAY be eligible – this is individual and based usually on number of courses you take per semester. For more information, visit our [Financial Aid](#) page.

QUESTIONS? We are here to help!

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