

Part-time Program Delivery Schedule
Big Data Analytics (BDAT)
Ontario College Graduate Certificate
Fall 2026

Graduation Requirements: 12 Program Courses

Welcome to the program! We have a sequencing of courses for you to follow.

This program is a hybrid delivery. This means some courses are delivered online and other courses are in-person on campus. Please reach out to the program coordinator, Pedram Habibi, if you have questions about which courses you can take online.

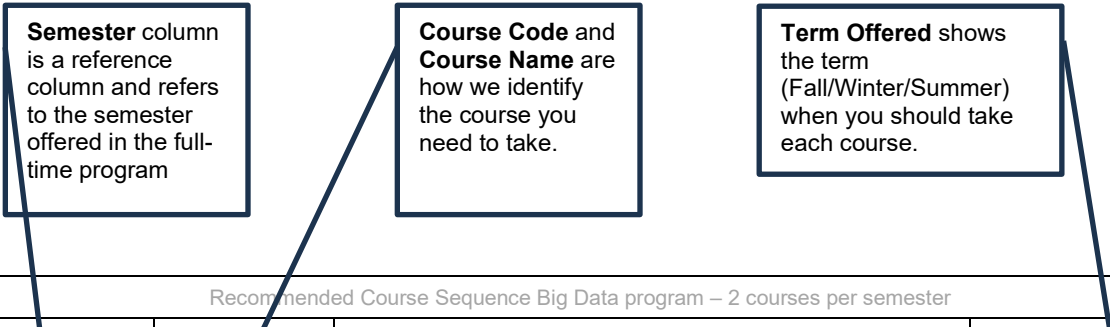
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Part-time students:

- can take a maximum of 3 courses in a semester
- can vary the number of courses they take every semester (1, 2, or 3 courses)
- can take one semester off per year.

We have set this sequencing up for your success. **The sequencing includes courses with reserved seats for part-time students.** If you are not able to follow it, connect with us to discuss.

How to use this document:



Recommended Course Sequence Big Data program – 2 courses per semester			
Semester	Course Code	Course Name	Term Offered
Sem 1	BDAT1002	Data Systems Architecture	Fall 2026

Registration opens August 17, 2026 – REGISTER EARLY!!!

Recommended Sequence – Big Data Analytics Fall intake			
Semester	Course Code	Course Name	Term
Sem 1	BDAT1002	<u>Data System Architecture</u>	Fall 2026
Sem 1	BDAT1005	<u>Mathematics for Data Analytics</u>	Fall 2026
Sem 1	BDAT1004	<u>Data Analytics Programming</u>	Fall 2026
Sem 2	BDAT1008	<u>Cloud Based Data Engineering</u> (pre-requisite: BDAT1002)	Winter 2027
Sem 2	BDAT1015	Applied Machine Learning (pre-requisite: BDAT1004)	Winter 2027
Sem 2	BDAT1007	<u>Social Media Analytics and Data Mining</u> (pre-requisite: BDAT1004)	Winter 2027
Sem 1	BDAT1006	<u>Data Visualization</u>	Fall 2027
Sem 1	BDAT1010	<u>Business Intelligence</u>	Fall 2027
Sem 1	BDAT1003	<u>Business Processes and Modelling</u> NOTE: take this course ONE semester prior to BDAT1011	Fall 2027
Sem 2	BDAT1009	<u>Business Analytics</u> (pre-requisite: BDAT1004 and BDAT1006)	Winter 2028
Sem 2	BDAT1016	NoSQL Databases (pre-requisite: BDAT1010)	Winter 2028
Sem 2	BDAT1011	<u>Data Analytics Project</u> (pre-requisite: BDAT1003) NOTE: Take this as your final course	Winter 2028

Please note this schedule subject to change