

Part-time Program Delivery Schedule
Big Data Analytics (BDAT)
Ontario College Graduate Certificate
Fall 2023

Graduation Requirements: 12 Program Courses

This program is delivered through GC Flex which means you can choose to take courses in-person on campus, online virtual classes or online asynchronous. For more information on GC Flex, refer to our [Information Package](#).

Recommended Sequence – THREE courses per semester			
Semester	Course Code	Course Name	Term
Sem 1	BDAT1001	Information Encoding Standards	Fall 2023
Sem 1	BDAT1002	Data Systems Architecture	Fall 2023
Sem 1	BDAT1005	Mathematics for Data Analytics	Fall 2023
Sem 1	BDAT1004	Data Programming	Winter 2024
Sem 1	BDAT1000	Data Manipulation Techniques	Winter 2024
Sem 2	BDAT1009	Enterprise Analytics	Winter 2024
Sem 2	BDAT1007	Social Data and Mining Techniques	Summer 2024
Sem 2	BDAT1008	Data Collection and Curation	Summer 2024
Sem 2	BDAT1006	Data Visualization	Summer 2024
Sem 1	BDAT1003	Business Processes and Modelling NOTE: take this course ONE semester prior to BDAT1011	Fall 2024
Sem 2	BDAT1010	Business Intelligence	Fall 2024
Sem 2	BDAT1011	Data Analytics Project (pre-requisites: BDAT1000 and BDAT1003) NOTE: Take this as your final course	Winter 2025

Please note this schedule subject to change

Completion Timelines

3 courses every semester – finish in under 2 years (5 semesters)
 Fall-Winter-Summer-Fall-Winter

⬇ 2 courses every semester Chart on next page ⬇

Completion Timelines

2 courses every semester – finish in 2.5 years (7 semesters)

Fall-Winter-Summer-Fall-Winter-Summer-Fall

Recommended Sequence – TWO courses per semester			
Semester	Course Code	Course Name	Term
Sem 1	BDAT1001	Information Encoding Standards	Fall 2023
Sem 1	BDAT1002	Data Systems Architecture	Fall 2023
Sem 1	BDAT1005	Mathematics for Data Analytics	Winter 2024
Sem 1	BDAT1004	Data Programming	Winter 2024
Sem 1	BDAT1000	Data Manipulation Techniques	Summer 2024
Sem 2	BDAT1009	Enterprise Analytics	Summer 2024
Sem 2	BDAT1007	Social Data and Mining Techniques	Fall 2024
Sem 2	BDAT1006	Data Visualization	Fall 2024
Sem 2	BDAT1008	Data Collection and Curation	Winter 2025
Sem 1	BDAT1003	Business Processes and Modelling <i>NOTE: take this course ONE semester prior to BDAT1011</i>	Winter 2025
Sem 2	BDAT1010	Business Intelligence	Summer 2025
Sem 2	BDAT1011	Data Analytics Project (pre-requisites: BDAT1000 and BDAT1003) <i>NOTE: Take this as your final course</i>	Summer 2025

Registration opens August 21, 2023

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