

Part-time Program Delivery Schedule
Big Data Analytics (BDAT)
Ontario College Graduate Certificate
Summer 2022

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	Summer 2022
Sem 1	BDAT1002	Data Systems Architecture	Summer 2022
Sem 1	BDAT1005	Mathematics for Data Analytics	Summer 2022
Sem 1	BDAT1004	Data Programming	Fall 2022
Sem 1	BDAT1000	Data Manipulation Techniques	Fall 2022
Sem 2	BDAT1009	Enterprise Analytics	Fall 2022
Sem 2	BDAT1007	Social Data and Mining Techniques	Winter 2023
Sem 2	BDAT1008	Data Collection and Curation	Winter 2023
Sem 2	BDAT1006	Data Visualization	Winter 2023
Sem 1	BDAT1003	Business Processes and Modelling <i>NOTE: take this course ONE semester prior to BDAT1011</i>	Summer 2023
Sem 2	BDAT1010	Business Intelligence	Summer 2023
Sem 2	BDAT1011	Data Analytics Project (pre-requisites: BDAT1000 and BDAT1003) <i>NOTE: Take this as your final course</i>	Fall 2023

Please note this schedule subject to change

Completion Timelines

3 courses every semester – finish in under 2 years (5 semesters)
 Summer-Fall-Winter-Summer-Fall
 Summer 2022 to Fall 2023

 2 courses every semester Chart on next page 

2 courses every semester – finish in 2.5 years (7 semesters)
 Summer-Fall-Winter-Summer-Fall-Winter-Summer
 Summer 2022 to Summer 2024

Recommended Sequence – TWO courses per semester			
Semester	Course Code	Course Name	Term
Sem 1	BDAT1001	Information Encoding Standards	Summer 2022
Sem 1	BDAT1002	Data Systems Architecture	Summer 2022
Sem 1	BDAT1005	Mathematics for Data Analytics	Fall 2022
Sem 1	BDAT1004	Data Programming	Fall 2022
Sem 1	BDAT1000	Data Manipulation Techniques	Winter 2023
Sem 2	BDAT1009	Enterprise Analytics	Winter 2023
Sem 2	BDAT1007	Social Data and Mining Techniques	Summer 2023
Sem 2	BDAT1006	Data Visualization	Summer 2023
Sem 2	BDAT1008	Data Collection and Curation	Fall 2023
Sem 2	BDAT1010	Business Intelligence	Fall 2023
Sem 1	BDAT1003	Business Processes and Modelling NOTE: take this course ONE semester prior to BDAT1011	Winter 2024
Sem 2	BDAT1011	Data Analytics Project (pre-requisites: BDAT1000 and BDAT1003) NOTE: Take this as your final course	Summer 2024