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GRADUATE CERTIFICATE
BUSINESS ANALYTICS

Workload Expectations, 2024 Schedule,
and Computer Requirements

WORKLOAD EXPECTATIONS AND TIME COMMITMENT

Your time commitment will vary from week to week and course to course. On average, the workload for each course requires 10 to 20 hours per week, over and above in-class and online sessions each week. Your workload includes activities such as readings, assignments, project-based work, online discussion forums, team meetings, quizzes and exams, and other course requirements.

The 6th course is an applied industry project that is completed in the last term, over 11 weeks. There are a **minimum** of six in-class sessions interspersed over the 11 weeks, with the balance of the course delivered online. The instructor will provide the schedule on the first day of class. Workload for the Capstone Project will vary from week to week, depending on the specifics of the industry project undertaken, meetings with industry stakeholders, presentations, and other course requirements.

SCHEDULE

BCIT uses a blended program delivery model for the Graduate Certificate in Business Analytics, which means that each course is delivered partly online and partly in the classroom.

With the exception of BABI 9005 and BABI 9050, each course is completed over a seven-week period, with students in the classroom one evening a week from 17:30 to 21:00, at BCIT's Downtown Campus. The balance of the week's course material is completed online, using BCIT's online learning management system, The Learning Hub. BABI 9005 - Theory of Business Data Analytics is entirely online and runs over the first term of the program. BABI 9050 - Business Analytics Capstone Project is completed in the second term over 11 weeks.

Prior to applying for this program, please ensure that you are able to attend all in-class sessions for all courses, as well as participate actively in the online components of each course, and make the time commitment each week to meet workload expectations [discussed further below].



In-class sessions are held at BCIT's downtown Vancouver campus [noted as DTC on the schedule]. Please note that the first session of the BABI 9010 class is scheduled for 30 minutes longer, from 17:30 until 21:30, to accommodate time for program orientation and kick-off.

TERM ONE SCHEDULE

TERM ONE: September to December 2024							
BABI 9005 - Theory of Business Data Analytics [3.0 Credits]		BABI 9010 - Foundations of Applied Business Analytics [3.0 Credits]			BABI 9020 - Utilizing Data Structures for Business Analytics [3.0 Credits]		
Sept 5 - Dec 13		Sept 5 - Oct 17			Oct 31 - Dec 13		
Dates	Location	Dates	Times	Location	Dates	Times	Location
Sep 5	Online	Sep 5	17:30 - 21:30	DTC			
Sep 12	Online	Sep 12	17:30 - 21:00	DTC			
Sep 19	Online	Sep 19	17:30 - 21:00	DTC			
Sep 26	Online	Sep 26	17:30 - 21:00	DTC			
Oct 3	Online	Oct 3	17:30 - 21:00	DTC			
Oct 10	Online	Oct 10	17:30 - 21:00	DTC			
Oct 17	Online	Oct 17	17:30 - 21:00	DTC			
Oct 24	Online		One-week break between BABI 9010 and BABI 9020				
Oct 31	Online				Oct 31	17:30 - 21:00	DTC
Nov 7	Online				Nov 7	17:30 - 21:00	DTC
Nov 14	Online				Nov 14	17:30 - 21:00	DTC
Nov 21	Online				Nov 21	17:30 - 21:00	DTC
Nov 28	Online				Nov 28	17:30 - 21:00	DTC
Dec 5	Online				Dec 5	17:30 - 21:00	DTC
Dec 13	Online				Dec 12	17:30 - 21:00	DTC

- Each course has one in-person class with the exception of BABI 9005 which is ONLINE ONLY
- The in-person classes are held at the Downtown Campus [DTC]
- BABI 9010: the first class is scheduled for 30 minutes longer [17:30-21:30] to accommodate orientation and kick-off
- BABI 9010 and BABI 9020 have in-person classes on Thursdays
- Program schedules are subject to change

TERM TWO SCHEDULE

TERM TWO: January to May 2025								
BABI 9030 - Quantitative Methods for Business Analytics [3.0 Credits]			BABI 9040 - Analytics Models for Business Decisions [3.0 Credits]			BABI 9050 - Business Analytics Capstone Project [4.0 Credits]		
Jan 9 - Feb 20			Feb 27- Apr 17			Mar 11 - May 30		
Dates	Times	Location	Dates	Times	Location	Dates	Times	Location
Jan 9	17:30 - 21:30	DTC						
Jan 16	17:30 - 21:00	DTC						
Jan 23	17:30 - 21:00	DTC						
Jan 30	17:30 - 21:00	DTC						
Feb 6	17:30 - 21:00	DTC						
Feb 13	17:30 - 21:00	DTC						
Feb 20	17:30 - 21:00	DTC						
			Feb 27	17:30 - 21:00	DTC			
			Mar 6	17:30 - 21:00	DTC			
			Mar 13	Spring Break		Mar 11	Spring Break	
			Mar 20	17:30 - 21:00	DTC	Mar 18	17:30 - 21:00	DTC
			Mar 27	17:30 - 21:00	DTC	Mar 25	17:30 - 21:00	DTC
			Apr 3	17:30 - 21:00	DTC	Apr 1	17:30 - 21:00	DTC
			Apr 10	17:30 - 21:00	DTC	Apr 8	17:30 - 21:00	DTC
			Apr 17	17:30 - 21:00	DTC	Apr 15	17:30 - 21:00	DTC
						Apr 22	17:30 - 21:00	DTC
						Apr 29	17:30 - 21:00	DTC
						May 6	17:30 - 21:00	DTC
						May 13	17:30 - 21:00	DTC
						May 20	17:30 - 21:00	DTC
						May 30	17:30 - 21:00	DTC

- Each course has one in-person class with the exception of BABI 9005 which is ONLINE ONLY
- The in-person classes are held at the Downtown Campus [DTC]
- BABI 9030 and BABI 9040 have in-person classes on Thursdays
- BABI 9050 have in-person classes on Tuesdays. There will be a minimum of 6 in-person classes and the instructor will provide the schedule on the first day of class.

Program schedules are subject to change

BRING YOUR OWN DEVICE (BYOD) COMPUTER REQUIREMENTS

Bring Your Own Device (BYOD) defines a program delivery model that requires you to have a laptop that meets the technical specifications outlined for this program, and to bring the laptop to all in-class sessions [unless otherwise specified by the instructor]. These specifications include hardware requirements based on the software tools and learning outcomes for this program. In addition, as a blended delivery program, you will require a computer to complete the online components of each course.

Laptop requirements:

The laptop requirements for this program are as follows:

- PC Windows laptop with i7 processor is recommended
- BCIT does not provide support for Mac hardware

Technical specifications:

The recommended technical specifications for this program are as follows:

- Intel i7 or equivalent processor:
 - Multi-threading capability
 - 64-bit architecture preferred [processor must support virtualization]
- 16 GB of RAM [or option to add more RAM]
- 512 GB HD
- High-end graphics card [consider a dedicated video card with 1 GB of video memory]
- Wireless 802.11 b/g
- Windows 10 or 11

PROGRAM OVERVIEW

Credential: Graduate Certificate

Length: 9 months

Domestic Tuition: \$10,103.49*

International Tuition: \$19,968.30*

Format: Full-time, blended [in-class + online],

cohort Start Date: September **2024**

Campus: Downtown Vancouver [DTC]

*Cost estimate [does not include textbooks or other fees]. Tuition fees are subject to change. Tuition fees are paid per term.



CONTACT

Amy Goldlist
Program Head
Sobm_gcba@bcit.ca
604.412.7497

Mireille Meynen
Administrative Assistant
Sobm_gcba@bcit.ca
604.456.1155