GRADUATE CERTIFICATE
BUSINESS ANALYTICS

Workload Expectations, 2022 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, as well as other course requirements.

The 5th course is an applied industry project that is completed in the last term, over 13 weeks. There are six evening, in-class sessions interspersed over the 13 weeks, with the balance of the course delivered online. 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.

Each of the first four courses is completed sequentially over a six-week period, with students in the classroom one evening a week at BCIT's downtown Vancouver campus, from 17:30 to 21:00. The balance of the week's course material is delivered online, using BCIT's online learning management system, Desire 2 Learn (D2L). This accelerated delivery schedule for the first four courses means that attendance at each classroom session is mandatory, as well as active participation each week in the online component of each course.

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 on Thursday evenings from 17:30 until 21:00 at BCIT's downtown Vancouver campus (noted as DTC on the schedule below). (Please note that the first session of the first course is scheduled for a half-hour longer, from 17:30 until 21:30, to accommodate time for program orientation and kick-off.)

SCHEDULE CONT'D

TERM ONE: September to December 2022

BABI 9010 - Foundations of Applied Business Analytics - 3.0 Credits				BABI 9020 - Utilizing Data Structures for Business Analytics - 3.0 Credits			
Dates	Days	Times	Location	Dates	Days	Times	Location
Sep 8 - Oct 20			Online	Nov 3 - Dec 15			Online
Sep 8	Thursday	**17:30 - 21:30**	DTC	Nov 3	Thursday	17:30 - 21:00	DTC
Sep 15	Thursday	17:30 - 21:00	DTC	Nov 10	Thursday	17:30 - 21:00	DTC
Sep 22	Thursday	17:30 - 21:00	DTC	Nov 17	Thursday	17:30 - 21:00	DTC
Sep 29	Thursday	17:30 - 21:00	DTC	Nov 24	Thursday	17:30 - 21:00	DTC
Oct 6	Thursday	17:30 - 21:00	DTC	Dec 1	Thursday	17:30 - 21:00	DTC
Oct 13	Thursday	17:30 - 21:00	DTC	Dec 8	Thursday	17:30 - 21:00	DTC
Oct 20	Thursday	17:30 - 21:00	DTC	Dec 15	Thursday	17:30 - 21:00	DTC
DTC = BCIT Downtown Vancouver campus				Fall Break: Oct 24 - 28			
Program schedules are subject to change							

TERM TWO: January to April 2023

BABI 9030 - Quantitative Methods for Business Analytics - 3.0 Credits				BABI 9040 - Analytic Models for Business Decisions - 3.0 Credits			
Dates	Days	Times	Location	Dates	Days	Times	Location
Jan 5 - Feb 16			Online	Mar 2 - Apr 13			Online
Jan 5	Thursday	17:30 - 21:00	DTC	Mar 2	Thursday	17:30 - 21:00	DTC
Jan 12	Thursday	17:30 - 21:00	DTC	Mar 9	Thursday	17:30 - 21:00	DTC
Jan 19	Thursday	17:30 - 21:00	DTC	Mar 16	Thursday	17:30 - 21:00	DTC
Jan 26	Thursday	17:30 - 21:00	DTC	Mar 23	Thursday	17:30 - 21:00	DTC
Feb 2	Thursday	17:30 - 21:00	DTC	Mar 30	Thursday	17:30 - 21:00	DTC
Feb 9	Thursday	17:30 - 21:00	DTC	Apr 6	Thursday	17:30 - 21:00	DTC
Feb 16	Thursday	17:30 - 21:00	DTC	Apr 13	Thursday	17:30 - 21:00	DTC
Spring Break February 20-24							
Program schedules are subject to change							

TERM THREE: April to July 2023

BABI 9050 - Business Analytics Capstone Project - 3.0 Credits							
Dates	Days	Times	Location	Dates	Days	Times	Location
Apr 27 - Jul 15			Online				
Apr 27	Thursday	17:30 - 21:00	DTC	Jun 8	Thursday	17:30 - 21:00	Online
May 4	Thursday	17:30 - 21:00	Online	Jun 15	Thursday	17:30 - 21:00	DTC
May 11	Thursday	17:30 - 21:00	DTC	Jun 22	Thursday	17:30 - 21:00	Online
May 18	Thursday	17:30 - 21:00	Online	Jun 29	Thursday	17:30 - 21:00	DTC
May 25	Thursday	17:30 - 21:00	DTC	Jul 6	Thursday	17:30 - 21:00	Online
Jun 1	Thursday	17:30 - 21:00	Online	**Jul 15**	**Saturday**	**10:00 - 16:00**	DTC
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 **(Preferred Option)** - i7 processor is recommended for this program.
> If you intend to use a Mac, you will be required to have your Mac laptop configured to run Windows and Windows based software using VMware Fusion or equivalent. **Please note that BCIT** <u>does not</u> **provide direct support of these products on Mac hardware. You will be responsible for ensuring compatibility with the required software on a course-by-course basis.**

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

PROGRAM OVERVIEW

Credential: Graduate Certificate
Length: 12 months
Domestic Tuition: $8745*

Format: Part-time, blended (in-class and online), cohort
Start Date: September 2022
Campus: Downtown Vancouver

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

CONTACT

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