

Certificate in Business Technology Management (BTM) Management Information Systems Specialization Requirements for Fall 2019 - Summer 2020

Designed by the Canadian Coalition for Tomorrow's ICT Skills (CCICT) and the academic community, the Certificate in Business Technology (BTM) provides undergraduate Business Major and Business Joint Major students with the opportunity to learn about innovation, leadership, and implementation of change in organizations, especially in the information and communications technology (ICT) area. Along with developing interpersonal communication, collaboration and leadership skills, BTM students will learn to analyze business processes, design appropriate technology-based solutions and lead projects.

This certificate is earned through the successful completion of courses in the MIS concentration, along with two additional Business courses, and a Computing Science or Interactive Arts and Technology course. This certificate may be declared through the Declaration of Certificate Webform: <https://beedie.sfu.ca/undergraduate/office/certificate>

Requirement Met

Certificate Course Requirements

Students must maintain a minimum GPA of 2.00 calculated on all courses that are completed at Simon Fraser University and applied to the certificate.

Students complete a minimum of 28 units as follows:

Complete one of:

- CMPT 120-3 Introduction to Computing Science and Programming I
- CMPT 165-3 Introduction to the Internet and the World Wide Web
- IAT 201-3 Human-Computer Interaction and Cognition Plus

Complete all of:

- BUS 361-3 Project Management
- BUS 362-4 Business Process Analysis
- BUS 462-3 Business Analytics
- BUS 464-3 Business Data Management
- BUS 465-3 Business Systems Development
- BUS 468-3 Managing Information Technology
for Business Value

Plus, complete two of:

- BUS 338-3 Foundations of Innovation
- BUS 466-3 Web Enabled Business
- BUS 486-3 Leadership

NOTES:

*In accordance with the SFU Academic Calendar, units applied to one certificate may be applied also to major or minor program of a Bachelor's degree under the normal regulations governing those programs but may not be applied to another Simon Fraser University certificate or diploma. Additionally, students pursuing a Bachelor of Business Administration may complete only one of the Certificates in Business Analytics and Decision Making or the Certificate in Business Technology Management or the Certificate in Innovation and Entrepreneurship.

Experiential or Service Learning Component

And completion of one of the following approved experiential or service learning components.

- Experience in a volunteer, internship, research assistantship or other non co-op work role within a student group, social enterprise, charitable organization, or non-profit organization related to Business and Technology. * Prior approval is required before the commencement of this experience by submitting a detailed outline describing activities that will be undertaken. Upon completion of these activities, students must submit a detailed outline and description of activities.
- Successful completion of at least one Co-operative Education (Co-op) work term with a focus related to Business and Technology. * A description (written by either the student or the organization) of the organization, the students' role and activities undertaken with that organization, and signed and validated by the employer/supervisor must be submitted.

*Experience which will be considered relevant includes those that require a significant amount of work activities such as: (i) planning, managing and/or leading a business technology project; (ii) analyzing a business need and presenting a technology based solution or plan to address need; (iii) designing and presenting a technology enabled solution to a business problem; (iv) analyzing a business process and developing a plan to implement a technology enabled solution; and/or (v) developing a technology based solution to a business problem.