BTM Information Session

Dr. Brian Detlor

Professor & Area Chair (Information Systems)

DeGroote School of Business, McMaster University

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What is BTM?

BTM is a professional discipline that equips graduates with the ability to lead and support the strategic use of Information and Communication Technology (ICT) and the digital transformation of organizations. Its standards seek to ensure that professionals develop greater managerial ability, while continuing to develop technology awareness and skills. BTM certification sets the standard for professional excellence.

For more information, see btm-forum.org.

The BTM Certificate @ McMaster

- The "**Business Technology Management**" (BTM) is open strictly to Honours Commerce students and designed in a way where students complete certificate requirements through course electives in the Honours Commerce program.

- This certificate aligns with the Business Technology Management (BTM) movement in Canada and takes advantage of the space left vacant by the recent closing down of McMaster's "Business Informatics" program offered by the Department of Computing and Software in the Faculty of Engineering.

The BTM Certificate @ McMaster

- The certificate aligns with the strategic direction of the DeGroote School of Business in digital transformation outlined in DSB's Strategic Plan 2015 – 2020 document.
  - The strategic plan's vision statement calls for DSB to be a global leader in research, teaching and community-building in the "management of digital innovation"
  - The strategy plan outlines an action plan that includes the creation of new and revised courses in the Bachelor of Commerce program that teach digital transformation.

The BTM Certificate @ McMaster

- The certificate leverages current Commerce courses offered by the DSB, as well as current courses in the Bachelor of Technology's "Software Engineering Technology" program in the W Booth School of Engineering Practice and Technology

Elements covered in the BTM Certificate	
Business	Marketing, Finance, Operations Management, HR Management
Technology	Information Technology, Systems Architecture, Network Design and Management
Technology in Business	Business Change Management, Business Process Analysis, Managing the IT and Business Interface; IT Governance
Project Skills	Risk Management, Project Management, Quality Assurance, Business Analysis
Personal and Interpersonal Skills	Presentation Skills, Communication Skills, Leadership, Negotiation

BTM
Business Technology
Management

Towards Accreditation

- McMaster is completing the paperwork to get the BTM certificate "recognized" by the **Business Technology Management Accreditation Council (BTMAC)**

- Once one student has completed the requirements of the BTM certificate, we can apply for "accredited" status

HOW DO I PURSUE A
BTM CERTIFICATE AT MCMASTER?

Admission Requirements

Students who qualify for and are enrolled in the Honours Commerce program are eligible to complete the coursework required for the BTM certificate at McMaster University. Students can begin completion of the BTM courses in Level II within their elective space.

If interested in pursuing McMaster's BTM certificate, notify the Student Experience Office in DSB 112.
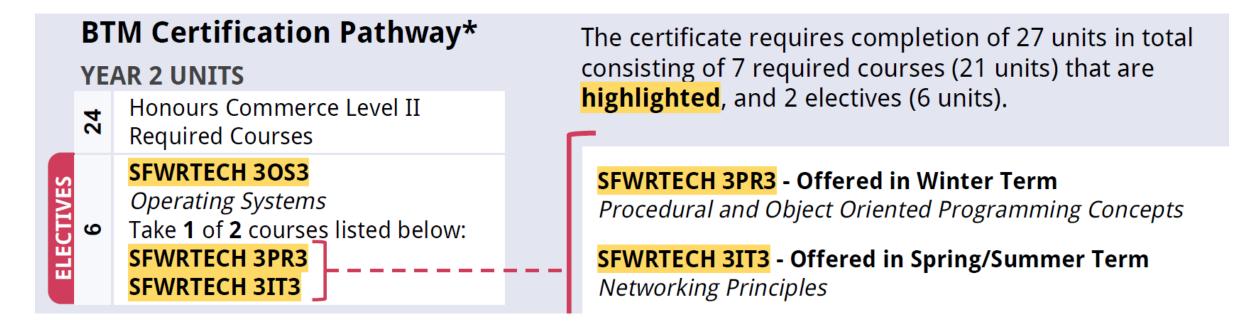
Contact: **Lori Johnston**
Academic Advisor
(905) 525.9140 ext. 24433
buscom@mcmaster.ca

Suggested Pathway

BTM Certification Pathway*

YEAR 2 UNITS

24	Honours Commerce Level II Required Courses
ELECTIVES 6	**SFWRTECH 3OS3** *Operating Systems* Take **1** of **2** courses listed below: **SFWRTECH 3PR3** **SFWRTECH 3IT3**

The certificate requires completion of 27 units in total consisting of 7 required courses (21 units) that are **highlighted**, and 2 electives (6 units).

SFWRTECH 3PR3 - Offered in Winter Term
Procedural and Object Oriented Programming Concepts

SFWRTECH 3IT3 - Offered in Spring/Summer Term
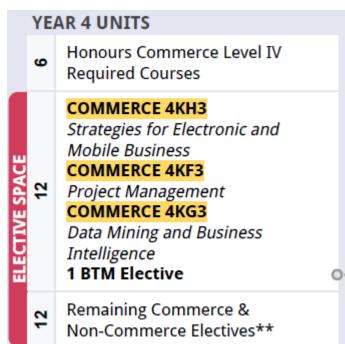*Networking Principles*

*Note: This BTM Certification Pathway is only presented as a recommendation. Courses can be taken in any order, but be sure to plan accordingly as certain courses have prerequisites.
**Note: Please refer to Program Requirements for specific breakdown.

Suggested Pathway

ELECTIVE SPACE

YEAR 3 UNITS

9	Honours Commerce Level III Required Courses
9	**COMMERCE 3KD3** *Database Design Management & Applications* **COMMERCE 3KE3** *Management of Enterprise Data Analytics* **1 BTM Elective**
12	Remaining Commerce & Non-Commerce Electives**

YEAR 4 UNITS

ELECTIVE SPACE

6	Honours Commerce Level IV Required Courses
12	**COMMERCE 4KH3** *Strategies for Electronic and Mobile Business* **COMMERCE 4KF3** *Project Management* **COMMERCE 4KG3** *Data Mining and Business Intelligence* **1 BTM Elective**
12	Remaining Commerce & Non-Commerce Electives**

BTM ELECTIVES

Students are required to take any two of the following courses:

Commerce Electives:
COMMERCE 3KA3 – Systems Analysis & Design
COMMERCE 4KI3 – Implementation of IS for Small & Medium Sized Enterprises
COMMERCE 4BK3 – Management of Technology
COMMERCE 4MH3 – Electronic Marketing

Non-Commerce Electives:
SFWRTECH 3CS3 – Computer Security
SFWRTECH 3IT3 - Networking Principles
SFWRTECH 3PR3 - Procedural and Object Oriented Programming Concepts
SFWRTECH 3RQ3 – Software Requirements and Specification
SFWRTECH 4NI3 – Advanced Networking Infrastructure
SFWRTECH 4SD3 – Software Design
SFWRTECH 4WP3 – Advanced Web Programming

Student Speakers

- The following students are currently pursuing the BTM certificate and have kindly agreed to say a few words:
  - Charlene Acuna
  - Lois Chu
  - Eric Gray
  - Lynn Lin
  - Fawaz Khalid