

Major in Business Technology Management [Business]

Sequence of Courses

Year One (recommended electives)

- [CMPUT 174 - Introduction to the Foundations of Computation I](#) **AND**
- [CMPUT 175 - Introduction to the Foundations of Computation II](#) (See Note 1)

Year Two—Fall

- [ACCTG 311 - Introduction to Accounting for Financial Performance](#)
- [BUS 201 - Foundations of Business](#)
- [CMPUT 174 - Introduction to the Foundations of Computation I](#) (See Note 2)
- [MARK 301 - Introduction to Marketing](#)
- [MGTSC 312 - Probability and Statistics for Business](#)

Year Two—Winter

- [ACCTG 322 - Introduction to Accounting for Management Decision Making](#) **OR**
- [OM 352 - Operations Management](#) (See Note 5)

- [CMPUT 175 - Introduction to the Foundations of Computation II](#) (See Note 2)
- [FIN 301 - Introduction to Finance](#)
- [BTM 311 - Management Information Systems](#)
- [SEM 310 - Introduction to Management, Organization and Entrepreneurship](#)

Year Three

- [BUEC 311 - Business Economics, Organizations and Management](#) (See Note 6)

- [OM 352 - Operations Management](#) **OR**
- [ACCTG 322 - Introduction to Accounting for Management Decision Making](#) (See Note 5)

- [BTM 413 - Systems Analysis and Design](#)
- [BTM 415 - Data Base Design and Administration](#)
- [BTM 417 - Telecommunications in Business](#)
- 15 units in free electives (See Notes 3 and 4)

Year Four

- [BTM 419 - Systems Development Using Advanced Software Tools](#) **OR**
- [CMPUT 201 - Practical Programming Methodology](#) (See Note 3)

- [BTM 424 - Introduction to Information Systems Project Management](#)
- [BTM 441 - Managing Information Systems: A Senior Management Perspective](#)

- [SEM 402 - Management Skills for Supervisors and Leaders](#) **OR**
 - [SEM 404 - Interpersonal Communication and Team Management](#)
- 3 units in Business Technology Management electives (See Note 7)
 - 6 units in Senior Business electives
 - 9 units in free electives (See Notes 3 and 4)

Notes

1. Students are strongly advised to consider taking [CMPUT 174](#) and [CMPUT 175](#) in their first year, and in any event, must take them no later than Year Three. These courses satisfy the requirements for electives outside Business in Year Two.
2. If not already taken in Year One.
3. BTM majors must take either [BTM 419](#) or [CMPUT 201](#). (The other may be taken as an elective.) While [BTM 419](#) is a fourth-year course, [CMPUT 201](#) may be taken earlier, and should be taken as soon as practicable, especially by students interested in the Computing Science minor. Some BTM students prefer a business-oriented background. Others may find it useful to develop a stronger background in computing science. The latter students should consult the Computing Science section or seek Faculty advice for appropriate additional course offerings and sequencing. Students must contact the Department of Accounting and Business Analytics early in their program for guidance as to appropriate and available coursework.
4. See [Policy on Elective Courses](#).
5. Either [ACCTG 322](#) or [OM 352](#) may be taken in Year Two with the other taken in Year Three.
6. May be taken in any year except Year Two, Fall Term.
7. Business Technology Management electives may be chosen from the following: any 400-level BTM course; [CMPUT 201](#); [CIV E 303](#); [ACCTG 435](#); [ACCTG 437](#); any 400-level MGTSC course or any 400-level OM course.

Minors

1. Students with a declared major in Business Technology Management are encouraged to consider choosing a minor in another subject area of Business, or in Computing Science [see Note (3) below]. See [Minors for Business Students](#). See also Section III, MIS Concentrations.
2. Students with a declared major in another area may complete a minor in Business Technology Management by fulfilling the requirements of [Minors for Business Students](#)
3. Students with a declared major in Business Technology Management may complete a minor in Computing Science by completion of the following four courses: [CMPUT 204](#), [CMPUT 229](#), [CMPUT 272](#) and [CMPUT 379](#). Students wishing to take this route should consider very early on how to structure their program so as to allow for the proper sequencing of courses and the obtaining of all necessary prerequisites, for example, [CMPUT 201](#) is necessary for the above course sequence.

BTM Concentrations

1. BTM major or other students who wish to deepen their competence should consider focusing on areas of concentration. For BTM majors, these areas build on the required courses; for other students, they may form a useful related set. Suggested concentrations will be set out by the Accounting, Operations and Information Systems Department from time to time and students are encouraged to contact the Department for more information. Five example concentrations, which include some or all of the indicated courses, are:
 - a. Programming/technical: (See Computing Science minor).
 - b. Managerial/business: [BTM 412](#), [MIS 426](#), [SEM 441](#).
 - c. E-commerce: [BTM 418](#), or [SEM 433](#).
 - d. Business systems analysis: [SEM 432](#) or [SEM 433](#).
 - e. Accounting information systems: [BTM 437](#) or [ACCTG 437](#); [ACCTG 424](#) or [ACCTG 426](#).
 2. BTM majors are eligible to obtain the Business Technology Management (BTM) certificate from The Information Technology Association of Canada (ITAC) to signify that they have achieved a level of competency in compliance with that organization's requirements. Application is made to the Information Technology Association of Canada (ITAC). Contact the Accounting, Operations and Information Systems Department for contact information.
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