Major in Decision and Information Systems [Business]

Sequence of Courses

Year Two—Fall

- **ACCTG 311 - Introduction to Accounting for Financial Performance**
- **BUS 201 - Foundations of Business**
- **MARK 301 - Introduction to Marketing**
- **MGTSC 312 - Probability and Statistics for Business**
- 3 units in electives outside Business (See Note 1)

Year Two—Winter

- **FIN 301 - Introduction to Finance**
- **BTM 311 - Management Information Systems**
- MGTSC 352 (See Note 2)
- SMO 201
- 3 units in electives outside Business (See Note 1)

Year Three

- **ACCTG 322 - Introduction to Accounting for Management Decision Making**
- **B LAW 301 - Legal Foundations of the Canadian Economy** (See Note 2)
- **BUEC 311 - Business Economics, Organizations and Management** **OR** **ECON 281 - Intermediate Microeconomic Theory I** (See Notes 2 and 5)
- **CMPUT 114** **OR** **CMPUT 174 - Introduction to the Foundations of Computation I** (See Note 1)
- **CMPUT 115** **OR** **CMPUT 175 - Introduction to the Foundations of Computation II**
- **BTM 412 - Managerial Support Systems** (See Note 3)
- **BTM 415 - Data Base Design and Administration** (See Note 3)
- 3 to 6 units in free electives (See Note 1)
- 3 units in electives outside Business (See Note 1)

Year Four

- **BTM 413 - Systems Analysis and Design** (See Note 3)
- **BTM 415 - Data Base Design and Administration** (See Note 3)
- 15 units in Decision and Information Systems electives (See Note 4)
- 9 units in free electives (See Note 1)
1. See [Policy on Elective Courses](#). Some Decision and Information Systems students will find it useful to develop a strong background in computing science. Such students should consult the Computing Science section or seek Faculty advice for appropriate course offerings and sequencing. Students contemplating the pursuit of higher level computing science courses should consider taking either CMPUT 114 and CMPUT 115 or [CMPUT 174 and CMPUT 175](#) in Year One (Preprofessional Year) or Year Two, to obtain the prerequisites for higher level computing courses. Students with no prior programming experience should either take [CMPUT 101](#) followed by CMPUT 114 and CMPUT 115, or take the [CMPUT 174](#) and [CMPUT 175](#) sequence, which does not require prior programming experience. These courses satisfy the requirements in Year Two for electives outside Business. Students must contact the Department of Finance and Statistical Analysis early in their program regarding appropriate and available coursework.

2. May be taken in any year except Year Two, Fall Term.

3. May be taken in either of Year Three or Four.

4. Decision and Information Systems electives may be chosen from any 400-level MGTSC courses, any 400-level MIS courses and from a list of additional approved courses available from the Department of Finance and Statistical Analysis office. At least two of the five courses chosen must be MGTSC courses.

5. Students planning to take advanced course work in Economics may wish to substitute [ECON 281](#). See [Policy on Elective Courses](#). ECON courses used to satisfy the requirements of this major may not also be used to satisfy the requirements for coursework outside the Faculty of Business.

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**Minors**

1. Students with a declared major in Decision and Information Systems may choose to do a minor in any subject area of Business. See [Minors for Business Students](#). Minors are not required. Students are urged to select areas that complement the major. Students may also wish to consider the Cooperative Education program (see [Bachelor of Commerce Cooperative Education](#)).

2. Students with a declared major in another area may not choose a minor in Decision and Information Systems. Interested students should consult the Management Information Systems major or the Operations Management major for information on minors in those areas.

3. Students wishing to construct informal programs of study outside the Faculty of Business should consider the following suggestions:
   a. Economics: Any senior ECON course, with Departmental approval.
   b. Statistics/Mathematics: Additional work is recommended for students interested in research and/or graduate work.