Major in Operations Management [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

• ACCTG 322 - Introduction to Accounting for Management Decision Making OR
  • BTM 311 - Management Information Systems (See Note 2)

• FIN 301 - Introduction to Finance
• OM 352 - Operations Management
• SEM 310 - Introduction to Management, Organization and Entrepreneurship
• 3 units in electives outside Business (See Note 1)

Year Three

• ACCTG 322 - Introduction to Accounting for Management Decision Making OR
  • BTM 311 - Management Information Systems (See Note 2)

• B LAW 301 - Legal Foundations of the Canadian Economy (See Note 3)

• BUEC 311 - Business Economics, Organizations and Management OR
  • ECON 281 - Intermediate Microeconomic Theory I (See Note 5)

• 12 units in Operations Management electives (See Note 4)
• 6 units in free electives (See Note 1)
• 3 units in elective outside Business (See Note 1)

Year Four

• 9 units in Operations Management electives (See Note 4)
• 21 units in free electives (See Note 1)

Notes

1. See Policy on Elective Courses
2. Either ACCTG 322 or BTM 311 may be taken in Year Two with the other taken in Year Three.
3. May be taken in any year except Year Two, Fall Term.
4. Operations Management electives may be chosen from any 400-level OM courses and from a list of additional approved courses available from the Department of Accounting, Operations, and Information Systems. At least four of the seven Operations Management electives must be chosen from 400-level OM courses, MGTSC 405 and MGTSC 455.

5. Students planning to take advanced course work in Economics may wish to substitute ECON 281. See Policy on Elective Courses (4). 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 Operations Management 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 complementary to the Operations Management major. Some suggestions and details are listed next. 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 complete a minor in Operations Management by fulfilling the requirements of Minors for Business Students. 3 units must be in OM 352.

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 Computing Science: Additional work is recommended for students who are interested in graduate studies, for example, MATH 373 and STAT 265.

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**Operations Management Concentrations**

Students majoring in Operations Management can tailor their program to focus on either Operations (the purchasing, transformation and delivery of goods and services to customers) or Business Analytics (modeling and analysis to support decisions in operations and other fields). Recommended courses for each of these streams are listed below.

**Operations:**

- OM 410 - Supply Chain Management
- OM 411 - Business Process Management
- OM 461 - Distribution and Logistics Analytics
- OM 468 - Business Analytics Consulting Project
- MGTSC 405 - Forecasting for Planners and Managers
- MGTSC 455 - Quality Management
- BTM 424 - Introduction to Information Systems Project Management
- MIS 426
- other courses in management information systems

**Business Analytics:**

- OM 422 - Simulation and Computer Modelling Techniques in Management
- OM 471 - Decision Support Systems
- OM 468 - Business Analytics Consulting Project
- MGTSC 405 - Forecasting for Planners and Managers
- BTM 412 - Managerial Support Systems
- other courses in finance, marketing, management information systems, mathematics, statistics, and economics.

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**Professional Designations**

Many Operations Management positions require a professional designation. Elective courses in Operations Management help prepare students for pursuing professional designations and count towards the requirements of some professional designations. Please consult the appropriate governing body.

1. CPIM (Certified in Production and Inventory Management) and CSCP (Certified Supply Chain Professional): Offered by APICS: The Association for Operations Management.
2. SCMP (Strategic Supply chain Management Professional): Offered by the Purchasing Management Association of Canada.
3. CITT: Offered by the Canadian Institute of Traffic and transport.
4. CORS Diploma: Offered by the Canadian Operational Research Society.