2020-2021 Undergraduate Calendar

The information published in this Undergraduate Calendar outlines the rules, regulations, curricula, programs and fees for the 2020-2021 academic year, including the Summer Semester 2020, the Fall Semester 2020 and the Winter Semester 2021.

For your convenience the Undergraduate Calendar is available in PDF format.

If you wish to link to the Undergraduate Calendar please refer to the Linking Guidelines.

The University is a full member of:

- Universities Canada

Contact Information:

University of Guelph
Guelph, Ontario, Canada
N1G 2W1
519-824-4120

https://www.uoguelph.ca

Revision Information:

<table>
<thead>
<tr>
<th>Date</th>
<th>Description</th>
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</thead>
<tbody>
<tr>
<td>February 4, 2020</td>
<td>Initial Publication</td>
</tr>
</tbody>
</table>
Disclaimer
University of Guelph 2020

The information published in this Undergraduate Calendar outlines the rules, regulations, curricula, programs and fees for the 2020-2021 academic year, including the Summer Semester 2020, the Fall Semester 2020 and the Winter Semester 2021.

The University reserves the right to change without notice any information contained in this calendar, including fees, any rule or regulation pertaining to the standards for admission to, the requirements for the continuation of study in, and the requirements for the granting of degrees or diplomas in any or all of its programs. The publication of information in this calendar does not bind the University to the provision of courses, programs, schedules of studies, or facilities as listed herein.

The University will not be liable for any interruption in, or cancellation of, any academic activities as set forth in this calendar and related information where such interruption is caused by fire, strike, lock-out, inability to procure materials or trades, restrictive laws or governmental regulations, actions taken by faculty, staff or students of the University or by others, civil unrest or disobedience, public health emergencies, or any other cause of any kind beyond the reasonable control of the University.

In the event of a discrepancy between a print version (downloaded) and the Web version, the Web version will apply.

Published by: Enrolment Services
Introduction

Collection, Use and Disclosure of Personal Information

Personal information is collected under the authority of the University of Guelph Act (1964), and in accordance with Ontario's Freedom of Information and Protection of Privacy Act (FIPPA) http://www.e-laws.gov.on.ca/index.html. This information is used by University officials in order to carry out their authorized academic and administrative responsibilities and also to establish a relationship for alumni and development purposes. Certain personal information is disclosed to external agencies, including the Ontario Universities Application Centre, the Ministry of Training, Colleges and Universities, and Statistics Canada, for statistical and planning purposes, and is disclosed to other individuals or organizations in accordance with the Office of Registrarial Services Departmental Policy on the Release of Student Information. For details on the use and disclosure of this information call the Office of Registrarial Services at the University at (519) 824-4120 or see http://www.uoguelph.ca/registrar/registrar/index.cfm?index.

Disclosure of Personal Information to the Ontario Ministry of Colleges and Universities

The University of Guelph is required to disclose personal information such as characteristics and educational outcomes to the Minister of Colleges and Universities under s. 15 of the Ministry of Training, Colleges and Universities Act, R.S.O. 1990, Chapter M.19, as amended. The Ministry collects this data for purposes including but not limited to planning, allocating and administering public funding to colleges, universities and other post-secondary educational and training institutions.

Amendments made to the Ministry of Training, Colleges and Universities Act, authorizing the collection and use of personal information from colleges and universities by the Minister which were set out in Schedule 5 of the Childcare Modernization Act, 2014, came into force on March 31, 2015.

The amendments strengthen the ability of the Minister to directly or indirectly collect and use personal information about students as required to conduct research and analysis, including longitudinal studies, and statistical activities conducted by or on behalf of the Ministry for purposes that relate to post-secondary education and training, including,

- understanding the transition of students from secondary school to post-secondary education and training,
- understanding student participation and progress, mobility and learning and employment outcomes,
- understanding linkages among universities, colleges, secondary schools and other educational and training institutions prescribed by regulation,
- understanding trends in post-secondary education or training program choices made by students,
- understanding sources and patterns of student financial resources, including financial assistance and supports provided by government and post-secondary educational and training institutions,
- planning to enhance the affordability and accessibility of post-secondary education and training and the quality and effectiveness of the post-secondary sector,
- identifying conditions or barriers that inhibit student participation, progress, completion and transition to employment or future post-secondary educational or training opportunities, and
- developing key performance indicators.

Information that the University is required to provide includes but is not limited to: first, middle and last name, Ontario Educational Number, citizenship, date of birth, gender, first three digits of a student’s postal code, mother tongue, degree program and major(s) in which the student is enrolled, year of study and whether the student has transferred from another institution.

Further information on the collection and use of student-level enrolment-related data can be obtained from the Ministry of Colleges and Universities website: https://www.ontario.ca/page/ministry-colleges-universities (English) or https://www.ontario.ca/fr/page/ministere-des-colleges-et-universites (French) or by writing to the Director, Postsecondary Finance and Information Management Branch, Postsecondary Education Division, 7th Floor, Mowat Block, 900 Bay Street, Toronto, ON M7A 1L2.


Frequently Asked Questions related to the Ministry’s enrolment and OEN data activities are also posted at: http://www.tcu.gov.on.ca/pepg/publications/NoticeOfCollection.pdf

Authority to Disclose Personal Information to Statistics Canada

The Ministry of Colleges and Universities discloses student-level enrolment-related data it collects from the colleges and universities as required by Statistics Canada in accordance with Section 13 of the Federal Statistics Act. This gives the Ministry authority to disclose personal information in accordance with s. 42(1) (e) of FIPPA.

Notification of Disclosure of Personal Information to Statistics Canada

For further information, please see the Statistics Canada's website at http://www.statcan.ca and Section XIV Statistics Canada.

Address for University Communication

Depending on the nature and timing of the communication, the University may use one of these addresses to communicate with students. Students are, therefore, responsible for checking all of the following on a regular basis:

Email Address

The University issued email address is considered an official means of communication with the student and will be used for correspondence from the University. Students are responsible for monitoring their University-issued email account regularly. See Section I--Statement of Students' Academic Responsibilities for more information.

Home Address

Students are responsible for maintaining a current mailing address with the University. Address changes can be made, in writing, through Enrolment Services.

Name Changes

The University of Guelph is committed to the integrity of its student records, therefore, each student is required to provide either on application for admission or on personal data forms required for registration, the student's complete, legal name. Any requests to change a name, by means of alteration, deletion, substitution or addition, must be accompanied by appropriate supporting documentation.

Student Confidentiality and Release of Student Information Policy Excerpt

The University undertakes to protect the privacy of each student and the confidentiality of the student's record. To this end the University shall refuse to disclose personal information to any person other than the individual to whom the information relates where disclosure would constitute an unjustified invasion of the personal privacy of that person or of any other individual. All members of the University community must respect the confidential nature of the student information which they acquire in the course of their work.

Learning Outcomes

On December 5, 2012, the University of Guelph Senate approved five University-wide Learning Outcomes as the basis from which to guide the development of undergraduate degree programs, specializations and courses:

1. Critical and Creative Thinking
2. Literacy
3. Global Understanding
4. Communicating
5. Professional and Ethical Behaviour

These learning outcomes are also intended to serve as a framework through which our educational expectations are clear to students and the broader public; and to inform the process of outcomes assessment through the quality assurance process (regular reviews) of programs and departments.

An on-line guide to the learning outcomes, links to the associated skills, and detailed rubrics designed to support the development and assessment of additional program and discipline-specific outcomes, are available for reference on the Learning Outcomes website.

1. Critical and Creative Thinking

Critical and creative thinking is a concept in which one applies logical principles, after much inquiry and analysis, to solve problems with a high degree of innovation, divergent thinking and risk taking. Those mastering this outcome show evidence of integrating knowledge and applying this knowledge across disciplinary boundaries. Depth and breadth of understanding of disciplines is essential to this outcome.

In addition, Critical and Creative Thinking includes, but is not limited to, the following outcomes: Inquiry and Analysis; Problem Solving; Creativity; and Depth and Breadth of Understanding.

2. Literacy

Literacy is the ability to extract information from a variety of resources, assess the quality and validity of the material, and use it to discover new knowledge. The comfort in using quantitative literacy also exists in this definition, as does using technology effectively and developing visual literacy.

In addition, Literacy includes, but is not limited to, the following outcomes: Information Literacy, Quantitative Literacy, Technological Literacy, and Visual Literacy.

3. Global Understanding:

Global understanding encompasses the knowledge of cultural similarities and differences, the context (historical, geographical, political and environmental) from which these arise, and how they are manifest in modern society. Global understanding is exercised as civic engagement, intercultural competence and the ability to understand an academic discipline outside of the domestic context.

In addition, Global Understanding includes, but is not limited to, the following outcomes: Global Understanding, Sense of Historical Development, Civic Knowledge and Engagement, and Intercultural Competence.

4. Communicating

Communicating is the ability to interact effectively with a variety of individuals and groups, and convey information successfully in a variety of formats including oral and written communication. Communicating also comprises attentiveness and listening, as well as reading comprehension. It includes the ability to communicate and synthesize information, arguments, and analyses accurately and reliably.

In addition, Communicating includes, but is not limited to, the following outcomes: Oral Communication, Written Communication, Reading Comprehension, and Integrative Communication.

5. Professional and Ethical Behaviour

Professional and ethical behaviour requires the ability to accomplish the tasks at hand with proficient skills in teamwork and leadership, while remembering ethical reasoning behind all decisions. The ability for organizational and time management skills is essential in bringing together all aspects of managing self and others. Academic integrity is central to mastery in this outcome.

In addition, Professional and Ethical Behaviour includes, but is not limited to, the following outcomes: Teamwork, Ethical Reasoning, Leadership, and Personal Organization and Time Management.
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Revision: 2020-2021 Undergraduate Calendar
Bachelor of Commerce (B.Comm.)
The University of Guelph offers an eight semester (20.00 credits) honors program leading to a Bachelor of Commerce degree (B.Comm.). The normal course load is 2.50 credits per semester for a full-time student. The program is of an interdisciplinary nature and designed to give students a sound professional management education with a focus on specific industry sectors or management functions which prepare the graduates for positions of responsibility in particular areas of management and business. Elective options enable students to select courses which support or complement their primary field of study. In their first semester, students may be admitted to one of nine specialized majors or enter as “undeclared”. Students in the undeclared first year, must declare a specialized major by the end of semester two in order to gain access to required courses in semester three.

Bachelor of Commerce Majors
All majors in the Bachelor of Commerce program are also available in the Co-operative Education (Co-op) option. Co-operative Education is not available in Undeclared.

Undeclared (only available in semesters one and two)
Accounting
Food and Agricultural Business
Hospitality and Tourism Management
Management
Management Economics and Finance
Marketing Management
Public Management
Real Estate and Housing
Sport and Event Management

In addition to specializing in a major area of study, the B.Comm. core ensures that each major also provides a comprehensive commerce education to all students in the program.

The B.Comm. Core includes:

Year 1
<table>
<thead>
<tr>
<th>Course Code</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ACCT*1220</td>
<td>Introductory Financial Accounting</td>
<td>0.50</td>
</tr>
<tr>
<td>ECON*1050</td>
<td>Introductory Microeconomics</td>
<td>0.50</td>
</tr>
<tr>
<td>ECON*1100</td>
<td>Introductory Macroeconomics</td>
<td>0.50</td>
</tr>
<tr>
<td>MATH*1030</td>
<td>Business Mathematics</td>
<td>0.50</td>
</tr>
<tr>
<td>MCS*1000</td>
<td>Introductory Marketing</td>
<td>0.50</td>
</tr>
<tr>
<td>MGMT*1000</td>
<td>Introduction to Business</td>
<td>1.00</td>
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</table>

Year 2
<table>
<thead>
<tr>
<th>Course Code</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ACCT*2230</td>
<td>Management Accounting</td>
<td>0.50</td>
</tr>
<tr>
<td>FIN*2000</td>
<td>Introduction to Finance</td>
<td>0.50</td>
</tr>
<tr>
<td>HROB*2090</td>
<td>Individuals and Groups in Organizations</td>
<td>0.50</td>
</tr>
<tr>
<td>MCS*2020</td>
<td>Information Management</td>
<td>0.50</td>
</tr>
<tr>
<td>MGMT*1100</td>
<td>Business Career Preparation</td>
<td>0.00</td>
</tr>
</tbody>
</table>

Year 3
<table>
<thead>
<tr>
<th>Course Code</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>MGMT*3020</td>
<td>Corporate Social Responsibility</td>
<td>0.50</td>
</tr>
<tr>
<td>MGMT*3320</td>
<td>Financial Management</td>
<td>0.50</td>
</tr>
</tbody>
</table>

Year 4
<table>
<thead>
<tr>
<th>Course Code</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>MGMT*4000</td>
<td>Strategic Management</td>
<td>0.50</td>
</tr>
</tbody>
</table>

* MGMT*1100 is part of the Career Development Program which is designed to provide students with knowledge and tools to enhance their career readiness skills.

Students who have successfully completed COOP*1100 will be exempted from MGMT*1100.

The following core areas are covered through a choice of courses as determined by your major:
- **Law**
  - HROB*3050, MCS*3040, REAL*4840
- **Operations**
  - FARE*3310, HTM*3120
- **Statistics**
  - ECON*2740, PSYC*1010, STAT*2060

Liberal Education Requirement

Other requirements are accommodated by specialized courses within the major or through specific courses chosen by the major from those available on campus.

Program Information

Academic Counselling

Program Counselling

Students are urged to seek the assistance of the counsellors in the B.Comm. Counselling Office regarding their program and academic regulations, course selection issues, services and resources, and when they are experiencing difficulties that affect their academic progress.

Departmental Advising

On entering the program, all students are assigned to a departmental Faculty Advisor by major. Students should seek the advice of the Faculty Advisor when they have questions or concerns about courses and academic requirements for their program/major. The Faculty Advisor is also knowledgeable about career opportunities which relate to a student’s specific major. The list of Faculty Advisors is available on the Undergraduate Academic Information Centre website: [http://www.uoguelph.ca/ouic/students_advisors.shtml](http://www.uoguelph.ca/ouic/students_advisors.shtml) or contact the B.Comm. Counselling Office for further information.

Special Expenses

Expenses may include cost of field trips and supplies and, for some majors, laboratory coats and other protective clothing.

Study at Other Universities

Students contemplating study at another university for credit towards a Bachelor of Commerce degree at the University of Guelph should refer to the general regulations governing Letters of Permission in Section VII Degree and Regulations and Procedures in this calendar. Students must obtain approval for the Letter of Permission prior to undertaking studies at another institution. Approval of the request depends on good standing in the program with a minimum cumulative average of 60%.

The total limit of credits taken on a Letter of Permission is 2.50 based on the University of Guelph’s credit system.

Study Abroad

Global understanding and perspectives are regarded as being of central importance among the university’s learning objectives, as they are, also, in understanding the international business environment. On both of these accounts, students enrolled in the B.Comm. program are urged to participate in one of the several exchange and study abroad programs specifically designed for the Commerce program. Planning for such participation is best undertaken quite early in the course of studies. For more specific information on possible opportunities refer to Section V -- International Study of the calendar or contact the B.Comm. program counsellor.

Continuation of Studies

Students are advised to consult the regulations for Continuation of Study within the program which are outlined in detail in Section VIII -- Undergraduate Degree Regulations and Procedures.

Conditions of Graduation

To qualify for a Bachelor of Commerce degree, the student must satisfy the following conditions:
- The student must successfully complete 1.50 credits from the Liberal Education Requirement list.
- The student must successfully complete a minimum of 20.00 approved credits, in accordance with the Schedule of Studies for the specified major, including the Liberal Education Requirement.
- The student must successfully pass Business Career Preparation [MGMT*1100] or Introduction to Co-operative Education [COOP*1100]
- Students will not be eligible to graduate while on probationary or required-to-withdraw status.

Career Development Program

The Career Development Program provides students with knowledge and tools to enhance their career readiness skills, leading to a greater level of confidence and success when approaching the career search process. Through a series of activities that would span over each year of the Bachelor of Commerce Program, including a mandatory Business Career Preparation Course [MGMT*1100]*, students will be guided through a framework for career management and steps to create a personal “career toolkit”.

*Students who have successfully completed [COOP*1100] will be exempted from [MGMT*1100]

Liberal Education Requirement

The Liberal Education Requirement is designed to provide the student with exposure to and some understanding of a range of disciplines in the Arts, Humanities, Social Sciences, and Mathematical and Natural Sciences.

The Liberal Education Requirement consists of 1.50 credits. The course prefixes listed below cannot be used to satisfy the Liberal Education Requirement:
- ACCT Accounting
- BUS Business
- ECON Economics
- FARE Food, Agricultural and Resource Economics
- FIN Finance
- HROB Human Resources and Organizational Behaviour
- HTM Hospitality and Tourism Management
- MGMT Management
MCS Marketing and Consumer Studies
REAL Real Estate and Housing

Free Electives
Free Electives allow students to select courses that support or complement their primary field of study. Students may select undergraduate courses from any department, including Commerce/Business related courses, provided any individual course restrictions and prerequisites are satisfied. These courses can be at any year level.

The total number of Free Electives allowed varies by major (refer to the Schedule of Studies for details). Free Electives cannot be used to fulfill Required Core courses, Restricted Electives or Liberal Education Electives, but they could contribute to the total number of credits required for graduation.

Honours Minor
A minor is a group of courses which provide exposure to and mastery of the fundamental principles of a subject. A minor consists of a minimum of 5.00 credits (normally 10 courses). It may also require certain other courses from other areas to be taken along with the specified courses of the minor. A minor is taken in conjunction with a major. Students cannot earn a minor in the same subject area as their major. Additionally, students in the BComm program are not permitted to earn a minor in Business or Business Economics.

For a list of Minors, please see Specializations and Their Degrees.

Given the professional and applied nature of the B.Com program, there are no double majors associated with the degree.

Double Counting of Credits
A maximum of 2.50 credits required in a major program may be applied to meet the requirements of a minor. Courses used to meet the Liberal Education requirement may not double-count toward the requirements of their major but may double-count toward the completion of a minor.

Schedule of Studies
Courses specified in the schedule of studies are required courses and must be completed successfully. A full course load normally involves 2.50 credits per semester. Part-time study is also possible although students should discuss this option with their Program Counsellor or Faculty Advisor.

Undeclared (UND)

Gordon S. Lang School of Business and Economics

Applicants to the B.Comm program who want a flexible introduction to business studies should consider entering as an unspecialized student. Students must declare one of the nine majors in order to gain access to required courses. This must be done no later than the end of semester two.

Liberal Education Requirement
As part of the graduation requirement all students within the B.Comm Program are required to complete 1.50 credits from at least two different subject prefixes as listed under the B.Comm. Program Information section of the undergraduate calendar.

Major

<table>
<thead>
<tr>
<th>Semester 1</th>
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<tbody>
<tr>
<td>ECON*1050</td>
<td>[0.50] Introductory Microeconomics</td>
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<tr>
<td>MATH*1030</td>
<td>[0.50] Business Mathematics</td>
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<tr>
<td>MGMT*1000</td>
<td>[1.00] Introduction to Business</td>
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One of:

- HTM*1070 [0.50] Responsible Tourism Policy and Planning *
- HTM*1700 [0.50] Foodservice Management *
- MATH*1200 [0.50] Calculus I *
- PSYC*1000 [0.50] Introduction to Psychology
- REAL*1820 [0.50] Real Estate and Housing *
- 0.50 elective

* These courses are offered in the Fall semester only

<table>
<thead>
<tr>
<th>Semester 2</th>
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<tbody>
<tr>
<td>ACCT*1220</td>
<td>[0.50] Introductory Financial Accounting</td>
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<td>ECON*1100</td>
<td>[0.50] Introductory Macroeconomics</td>
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<tr>
<td>HROB*2090</td>
<td>[0.50] Individuals and Groups in Organizations</td>
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<tr>
<td>MCS*1000</td>
<td>[0.50] Introductory Marketing</td>
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<tr>
<td>0.50 electives</td>
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Notes:
1. Students interested in choosing the ACCT major should take ACCT*1220 during the Fall semester instead of the 0.50 elective. ACCT*1240 Applied Financial Accounting will then be taken in the Winter semester.
2. Students interested in choosing the FAB Major should take FARE*1400 Economics of the Agri-Food System instead of HROB*2090 and the 0.50 electives during the Winter Semester.
3. Students interested in choosing the MGMT major should take MGMT*1200 Principles of Management instead of ACCT*1220 in the Winter semester.

4. Students interested in choosing the PMGT major should switch MCG*1000 Introductory Marketing to the Fall Semester and take POLS*2230 Public Policy and POLS*2300 Canadian Government and Politics in the Winter semester.
5. Students interested in choosing the SPMT major should take HTM*2020 The Business of Sport and Event Tourism as their elective in the Winter semester.
6. Students who select MATH*1200 do not also need to complete MATH*1030.
7. Students leaning towards a certain major may use their electives to take courses in that area. Undeclared students are encouraged to meet with a B.Comm. program counsellor for advice on elective selection. Further information on selecting electives for the Undeclared first year can be found on the B.Comm. Program Counselling Office website: [https://www.ouqoelp.sh/business/bcomm](https://www.ouqoelp.sh/business/bcomm)

Accounting (ACCT)

Department of Management, Gordon S. Lang School of Business and Economics

By combining the conceptual and quantitative elements of accounting while promoting the integration of theory and practice, the accounting major provides graduates with the academic requirements for the postgraduate pursuit of a Professional Accounting designation. Students will develop the technical, analytical, evaluative and communication skills needed for a successful career in accounting and related management areas.

The program provides a strong foundation of accounting and general business knowledge while allowing significant opportunity to develop breadth and depth of knowledge in related areas of study.

Students pursuing a professional accounting designation should visit the Department of Management website for links to the requirements.

Elective options enable students to select courses which support or complement their primary field of study.

Degree Requirements (20.00 Total Credits)

<table>
<thead>
<tr>
<th>Semester 1</th>
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<td>ACCT*1220</td>
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<td>ECON*1050</td>
<td>[0.50] Introductory Microeconomics</td>
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</tr>
<tr>
<td>MATH*1030</td>
<td>[0.50] Business Mathematics</td>
<td></td>
</tr>
<tr>
<td>MGMT*1000</td>
<td>[1.00] Introduction to Business</td>
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<th>Semester 2</th>
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<tbody>
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<td>ACCT*1240</td>
<td>[0.50] Applied Financial Accounting</td>
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<tr>
<td>ECON*1100</td>
<td>[0.50] Introductory Macroeconomics</td>
<td></td>
</tr>
<tr>
<td>HROB*2090</td>
<td>[0.50] Individuals and Groups in Organizations</td>
<td></td>
</tr>
<tr>
<td>MCS*1000</td>
<td>[0.50] Introductory Marketing</td>
<td></td>
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<tr>
<td>0.50 electives</td>
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<tr>
<th>Semester 3</th>
<th></th>
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</thead>
<tbody>
<tr>
<td>ACCT*2220</td>
<td>[0.50] Management Accounting</td>
<td></td>
</tr>
<tr>
<td>MCS*2020</td>
<td>[0.50] Information Management</td>
<td></td>
</tr>
<tr>
<td>MGMT*1100</td>
<td>[0.00] Business Career Preparation</td>
<td></td>
</tr>
<tr>
<td>STAT*2060</td>
<td>[0.50] Statistics for Business Decisions</td>
<td></td>
</tr>
<tr>
<td>1.00 electives</td>
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<table>
<thead>
<tr>
<th>Semester 4</th>
<th></th>
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</thead>
<tbody>
<tr>
<td>ACCT*3330</td>
<td>[0.50] Intermediate Financial Accounting I</td>
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</tr>
<tr>
<td>FIN*2000</td>
<td>[0.50] Introduction to Finance</td>
<td></td>
</tr>
<tr>
<td>MCS*3040</td>
<td>[0.50] Business and Consumer Law</td>
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</tr>
<tr>
<td>MGMT*3320</td>
<td>[0.50] Financial Management</td>
<td></td>
</tr>
<tr>
<td>0.50 electives</td>
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</table>

<table>
<thead>
<tr>
<th>Semester 5</th>
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<tbody>
<tr>
<td>ACCT*3280</td>
<td>[0.50] Auditing I</td>
<td></td>
</tr>
<tr>
<td>ACCT*3340</td>
<td>[0.50] Intermediate Financial Accounting II</td>
<td></td>
</tr>
<tr>
<td>ACCT*3350</td>
<td>[0.50] Taxation</td>
<td></td>
</tr>
<tr>
<td>HROB*2290</td>
<td>[0.50] Human Resources Management</td>
<td></td>
</tr>
<tr>
<td>0.50 electives</td>
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</table>

<table>
<thead>
<tr>
<th>Semester 6</th>
<th></th>
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</thead>
<tbody>
<tr>
<td>ACCT*3230</td>
<td>[0.50] Intermediate Management Accounting</td>
<td></td>
</tr>
<tr>
<td>FARE*3310</td>
<td>[0.50] Operations Management</td>
<td></td>
</tr>
<tr>
<td>MGMT*3020</td>
<td>[0.50] Corporate Social Responsibility</td>
<td></td>
</tr>
<tr>
<td>1.00 electives</td>
<td></td>
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</tbody>
</table>

<table>
<thead>
<tr>
<th>Semester 7 - Fall</th>
<th></th>
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</tr>
</thead>
<tbody>
<tr>
<td>ACCT*4220</td>
<td>[0.50] Advanced Financial Accounting</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Semester 8 - Winter</th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>ACCT*4230</td>
<td>[0.50] Advanced Management Accounting</td>
<td></td>
</tr>
</tbody>
</table>
Semester 7 or 8 - Fall or Winter

MGMT*4000 [0.50] Strategic Management
Two of:
ACCT*4270 [0.50] Auditing II
ACCT*4290 [0.50] IT Auditing and Data Analytics
ACCT*4340 [0.50] Accounting Theory
ACCT*4350 [0.50] Income Taxation II
ACCT*4440 [0.50] Integrated Cases in Accounting
2.50 electives

Note: ACCT*4270 and ACCT*4350 are offered in the Fall only. ACCT*4290, ACCT*4340 and ACCT*4440 are offered in the Winter only. Students may take MGMT*4000 in either Fall or Winter.

Accounting (Co-op) (ACCT:C)

Department of Management, Gordon S. Lang School of Business and Economics

By combining the conceptual and quantitative elements of accounting while promoting the integration of theory and practice, the accounting major provides graduates with the academic requirements for the postgraduate pursuit of a Professional Accounting designation. Students will develop the technical, analytical, evaluative and communication skills needed for a successful career in accounting and related management areas.

The program provides a strong foundation of accounting and general business knowledge while allowing significant opportunity to develop breadth and depth of knowledge in related areas of study.

Students pursuing a professional accounting designation should visit the Department of Management website for links to the requirements.

Elective options enable students to select courses which support or complement their primary field of study.

The Co-op program in Accounting is designed to facilitate the transition of students from academic studies to a professional career by enhancing the integration of theory and practice.

Program Requirements

The Co-op program in Accounting is a five year program including four work terms. Students must complete a Fall and Winter work term, and must follow the academic work schedule (also found on the Co-operative Education website: https://www.recruitguelph.ca/cpecs). Please refer to the Co-operative Education program policy with respect to adjusting this schedule.

Accounting Academic and Co-op Work Term Schedule

<table>
<thead>
<tr>
<th>Year</th>
<th>Fall</th>
<th>Winter</th>
<th>Summer</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Academic Semester 1</td>
<td>Academic Semester 2</td>
<td>Off</td>
</tr>
<tr>
<td></td>
<td>COOP*1100</td>
<td>COOP*1000 Work Term I</td>
<td>Academic Semester 4</td>
</tr>
<tr>
<td>2</td>
<td>Academic Semester 3</td>
<td>COOP*2000 Work Term II</td>
<td>Academic Semester 6</td>
</tr>
<tr>
<td></td>
<td>COOP*2000 Work Term III</td>
<td>COOP*4000 Work Term IV</td>
<td>Off</td>
</tr>
<tr>
<td>4</td>
<td>COOP*3000 Work Term III</td>
<td>COOP*4000 Work Term IV</td>
<td>Off</td>
</tr>
<tr>
<td>5</td>
<td>Academic Semester 7</td>
<td>Academic Semester 8</td>
<td>N/A</td>
</tr>
</tbody>
</table>

To be eligible to continue in the Co-op program, students must meet a minimum 70% cumulative average requirement after second semester, as well as meet all work term requirements. Please refer to the Co-operative Education program policy with respect to work term performance grading, work term report grading and program completion requirements.

For additional program information students should consult with their Co-op Co-ordinator and Co-op Faculty Advisor, listed on the Co-operative Education web site.

Credit Summary (21.50 Total Credits)

13.00 - Required Core Courses
1.00 - Restricted Electives (see semester 7 & 8)
1.50 - Liberal Education Electives
4.50 - Free Electives
1.50 – Co-op work terms

Note: A minimum of three Co-op work terms including a Fall and Winter are necessary to complete the Co-op requirement. *A fourth Co-op work term is optional and if completed, the total number of credits will equal 22.00.

The recommended program sequence is outlined below.

Major

Semester 1 -- Fall

ACCT*1220 [0.50] Introductory Financial Accounting
ECON*1050 [0.50] Introductory Microeconomics
MATH*1030 [0.50] Business Mathematics
MGMT*1000 [1.00] Introduction to Business

Semester 2 -- Winter

ACCT*1240 [0.50] Applied Financial Accounting
COOP*1100 [0.50] Introduction to Co-operative Education
ECON*1100 [0.50] Introduction to Macroeconomics
HROB*2090 [0.50] Individuals and Groups in Organizations
1.00 electives

Semester 3 -- Fall

ACCT*2230 [0.50] Management Accounting
ACCT*3330 [0.50] Intermediate Financial Accounting I
MCS*1000 [0.50] Introductory Marketing
STAT*2060 [0.50] Statistics for Business Decisions
0.50 electives

Winter Semester

COOP*1100 [0.50] Co-op Work Term I

Semester 4 -- Summer

ACCT*3280 [0.50] Auditing I
ACCT*3340 [0.50] Intermediate Financial Accounting II
ACCT*3350 [0.50] Taxation
MCS*2020 [0.50] Information Management
0.50 electives

Semester 5 -- Fall

FARE*3310 [0.50] Operations Management
FIN*2000 [0.50] Introduction to Finance
HROB*2290 [0.50] Human Resources Management
1.00 electives

Winter Semester

COOP*2000 [0.50] Co-op Work Term II

Semester 6 -- Summer

ACCT*3230 [0.50] Intermediate Management Accounting
MCS*3040 [0.50] Business and Consumer Law
MGMT*3020 [0.50] Corporate Social Responsibility
MGMT*3320 [0.50] Financial Management
0.50 electives

Fall Semester

COOP*3000 [0.50] Co-op Work Term III
(Eight month work term in conjunction with COOP*4000)

Winter Semester

COOP*4000 [0.50] Co-op Work Term IV
(Eight month work term in conjunction with COOP*3000)

Semester 7 - Fall

ACCT*4220 [0.50] Advanced Financial Accounting

Semester 8 - Winter

ACCT*4230 [0.50] Advanced Management Accounting

Semester 7 or 8 - Fall or Winter

MGMT*4000 [0.50] Strategic Management
Two of:
ACCT*4270 [0.50] Auditing II
ACCT*4290 [0.50] IT Auditing and Data Analytics
ACCT*4340 [0.50] Accounting Theory
ACCT*4350 [0.50] Income Taxation II
ACCT*4440 [0.50] Integrated Cases in Accounting
2.50 electives

Note: ACCT*4270 and ACCT*4350 are offered in the Fall only. ACCT*4290, ACCT*4340 and ACCT*4440 are offered in the Winter only. Students may take MGMT*4000 in either Fall or Winter.

Business (BUS)

Department of Management, Gordon S. Lang School of Business and Economics

The study of business is complementary to virtually any career or professional endeavour. The minor in Business is intended to enhance the business literacy of non-business students. Through a combination of core and elective courses, students from different disciplines will develop foundational knowledge and understanding of the core functional areas of business, and be invited to explore and apply this in relation to their primary area of study.

Note: The minor in Business is not open to students enrolled in the Bachelor of Commerce program.

Minor (Honours Program)

A minimum of 5.00 credits is required (all 3.00 required credits, plus 2.00 credits of restricted electives of which at least 1.00 credits must be at the 3000 level or above).

Required courses (3.00 credits):

ACCT*1220 [0.50] Introductory Financial Accounting
ECON*1050 [0.50] Introductory Microeconomics
HROB*2090 [0.50] Individuals and Groups in Organizations
MCS*1000 [0.50] Introductory Marketing

Revision: 2020-2021 Undergraduate Calendar
Business Data Analytics (BDA)

Department of Economics and Finance, Gordon S. Lang School of Business and Economics

The Minor in Business Data Analytics focuses on developing quantitative competencies expected to structure and analyze data sets. There is an emphasis on applying techniques to big data problems.

Minor (Honours Program)

A minimum of 5.00 credits is required, including:

Required courses (3.50 credits):

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Title</th>
<th>Credit</th>
</tr>
</thead>
<tbody>
<tr>
<td>ECON*3740</td>
<td>Introduction to Econometrics</td>
<td>0.50</td>
</tr>
<tr>
<td>MCGT*2020</td>
<td>Information Management</td>
<td>0.50</td>
</tr>
<tr>
<td>MCGT*3140</td>
<td>Business Analytics</td>
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</tr>
<tr>
<td>MCGT*4140</td>
<td>Advanced Business Analytics</td>
<td>0.50</td>
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</tbody>
</table>

One of:

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Title</th>
<th>Credit</th>
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</thead>
<tbody>
<tr>
<td>CIS*1300</td>
<td>Programming</td>
<td>0.50</td>
</tr>
<tr>
<td>CIS*1500</td>
<td>Introduction to Programming</td>
<td>0.50</td>
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</tbody>
</table>

One of:

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Title</th>
<th>Credit</th>
</tr>
</thead>
<tbody>
<tr>
<td>ECON*2740</td>
<td>Economic Statistics</td>
<td>0.50</td>
</tr>
<tr>
<td>STAT*2040</td>
<td>Statistics I</td>
<td>0.50</td>
</tr>
<tr>
<td>STAT*2060</td>
<td>Statistics for Business Decisions</td>
<td>0.50</td>
</tr>
<tr>
<td>STAT*2080</td>
<td>Introductory Applied Statistics I</td>
<td>0.50</td>
</tr>
<tr>
<td>STAT*2120</td>
<td>Probability and Statistics for Engineers</td>
<td>0.50</td>
</tr>
<tr>
<td>STAT*2230</td>
<td>Biostatistics for Integrative Biology</td>
<td>0.50</td>
</tr>
</tbody>
</table>

One of:

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Title</th>
<th>Credit</th>
</tr>
</thead>
<tbody>
<tr>
<td>ECON*4640</td>
<td>Advanced Econometrics</td>
<td>0.50</td>
</tr>
<tr>
<td>FIN*4100</td>
<td>Financial Econometrics</td>
<td>0.50</td>
</tr>
<tr>
<td>FARE*4360</td>
<td>Marketing Research</td>
<td>0.50</td>
</tr>
<tr>
<td>MATH*3240</td>
<td>Operations Research</td>
<td>0.50</td>
</tr>
<tr>
<td>MATH*4240</td>
<td>Advanced Topics in Modeling and Optimization</td>
<td>0.50</td>
</tr>
<tr>
<td>MCS*3030</td>
<td>Research Methods</td>
<td>0.50</td>
</tr>
<tr>
<td>MCS*3500</td>
<td>Marketing Analytics</td>
<td>0.50</td>
</tr>
<tr>
<td>REAL*3810</td>
<td>Real Estate Market Analysis</td>
<td>0.50</td>
</tr>
<tr>
<td>STAT*3240</td>
<td>Applied Regression Analysis</td>
<td>0.50</td>
</tr>
<tr>
<td>STAT*4000</td>
<td>Statistical Consulting</td>
<td>0.50</td>
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</table>

Restricted Electives (1.50 credits):

<table>
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<tr>
<th>Course Code</th>
<th>Title</th>
<th>Credit</th>
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<tbody>
<tr>
<td>ACCT*3230</td>
<td>Intermediate Management Accounting</td>
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</tr>
<tr>
<td>ACCT*3290</td>
<td>IT Auditing and Data Analytics</td>
<td>0.50</td>
</tr>
<tr>
<td>CIS*2500</td>
<td>Intermediate Programming</td>
<td>0.50</td>
</tr>
<tr>
<td>CIS*2520</td>
<td>Data Structures</td>
<td>0.50</td>
</tr>
</tbody>
</table>

Note: All restricted elective courses identified in this list will necessarily be open to all students in the minor in Business Data Analytics. Some courses may have priority access restrictions, or may be limited to students enrolled in the major from which the courses are drawn. In some cases a Course Waiver Request form signed by the instructor may be required in order for students to add these courses to their schedule. Please consult with the department offering the course about possible access. Some courses may also have prerequisites which are identified in course descriptions in the academic calendar.

Business Economics (BECN)

Department of Economics and Finance, Gordon S. Lang School of Business and Economics

Interdisciplinary study in Business Economics is offered as a minor in the honors program. Students in this program will be counselled by the Department of Economics and Finance. It is possible for students to pursue a more intensive program in the area of business and economics; see the headings Economics (ECON) or Mathematical Economics (MAEC) in the B.A. degree and the heading Management Economics (MEF) in the B.Comm. degree.

Minor (Honours Program)

A minimum of 5.00 credits is required, including:

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Title</th>
<th>Credit</th>
</tr>
</thead>
<tbody>
<tr>
<td>ACCT*1220</td>
<td>Introductory Financial Accounting</td>
<td>0.50</td>
</tr>
<tr>
<td>ACCT*2230</td>
<td>Management Accounting</td>
<td>0.50</td>
</tr>
<tr>
<td>ECON*1050</td>
<td>Introductory Microeconomics</td>
<td>0.50</td>
</tr>
<tr>
<td>ECON*2310</td>
<td>Intermediate Microeconomics</td>
<td>0.50</td>
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<tr>
<td>ECON*2410</td>
<td>Intermediate Microeconomics</td>
<td>0.50</td>
</tr>
<tr>
<td>FIN*2000</td>
<td>Introduction to Finance</td>
<td>0.50</td>
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One of:

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<th>Title</th>
<th>Credit</th>
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<tbody>
<tr>
<td>IPS*1500</td>
<td>Integrated Mathematics and Physics</td>
<td>1.00</td>
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<tr>
<td>MATH*1030</td>
<td>Business Mathematics</td>
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</tr>
<tr>
<td>MATH*1080</td>
<td>Elements of Calculus</td>
<td>0.50</td>
</tr>
<tr>
<td>MATH*1200</td>
<td>Calculus</td>
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One of:

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<thead>
<tr>
<th>Course Code</th>
<th>Title</th>
<th>Credit</th>
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<tbody>
<tr>
<td>ECON*2740</td>
<td>Economic Statistics</td>
<td>0.50</td>
</tr>
<tr>
<td>PSYC*1010</td>
<td>Experimental Design in Psychological Research</td>
<td>0.50</td>
</tr>
<tr>
<td>SOAN*2120</td>
<td>Introductory Methods</td>
<td>0.50</td>
</tr>
<tr>
<td>STAT*2040</td>
<td>Statistics I</td>
<td>0.50</td>
</tr>
<tr>
<td>STAT*2060</td>
<td>Statistics for Business Decisions</td>
<td>0.50</td>
</tr>
<tr>
<td>STAT*2080</td>
<td>Introductory Applied Statistics I</td>
<td>0.50</td>
</tr>
<tr>
<td>STAT*2120</td>
<td>Probability and Statistics for Engineers</td>
<td>0.50</td>
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One of:

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<tr>
<th>Course Code</th>
<th>Title</th>
<th>Credit</th>
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<tbody>
<tr>
<td>FIN*3000</td>
<td>Investments</td>
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<tr>
<td>ENGR*3240</td>
<td>Engineering Economics</td>
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</tr>
<tr>
<td>FARE*3310</td>
<td>Operations Management</td>
<td>0.50</td>
</tr>
<tr>
<td>HROB*2090</td>
<td>Business and Consumer Law</td>
<td>0.50</td>
</tr>
<tr>
<td>MCS*1000</td>
<td>Introductory Marketing</td>
<td>0.50</td>
</tr>
<tr>
<td>MCS*3040</td>
<td>Business and Consumer Law</td>
<td>0.50</td>
</tr>
<tr>
<td>MCGT*3320</td>
<td>Financial Management</td>
<td>0.50</td>
</tr>
</tbody>
</table>

* FARE*1040 and FARE*1400 may replace this course if it is required for the major.

Economics (ECON)

Department of Economics and Finance, Gordon S. Lang School of Business and Economics

The Department of Economics and Finance offers courses in economic theory, applied economics and quantitative methods. Students may take courses leading to a B.A. in the honours. It is possible to combine Economics with various other disciplines such as finance, mathematics and statistics, business administration, political science, geography and history. Students are urged to consult the department's program planning guide and the department's advisors for detailed information about courses and programs and about the course of study most appropriate as preparation for graduate work in economics or business administration, for professional degrees such as the Bachelor's degree in Law, and for careers in business and government.

Minor (Honours Program)

A minimum of 5.00 credits in Economics or Finance is required, including:

a. The Economics core

b. One of:

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Title</th>
<th>Credit</th>
</tr>
</thead>
<tbody>
<tr>
<td>ECON*4640</td>
<td>Advanced Econometrics</td>
<td>0.50</td>
</tr>
<tr>
<td>FIN*2000</td>
<td>Introduction to Finance</td>
<td>0.50</td>
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<td>Marketing Research</td>
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<td>Operations Research</td>
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<td>Advanced Topics in Modeling and Optimization</td>
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<td>Research Methods</td>
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<td>Applied Regression Analysis</td>
<td>0.50</td>
</tr>
<tr>
<td>STAT*4000</td>
<td>Statistical Consulting</td>
<td>0.50</td>
</tr>
</tbody>
</table>

* FARE*1040 and FARE*1400 may replace this course if it is required for the major.
ECON*2740 [0.50] Economic Statistics
ECON*2770 [0.50] Introductory Mathematical Economics
FIN*2000 [0.50] Introduction to Finance

c. 2.00 other credits in Economics or Finance at the 3000 or 4000 level

Notes:
1. ECON*3740 is recommended.
2. Students wishing to pursue a more structured Economics minor should take ECON*3710 as well as ECON*3740.

Entrepreneurship (ENT)

Department of Management, Gordon S. Lang School of Business and Economics

The Minor in Entrepreneurship focuses on developing the broad set of knowledge and competencies expected of entrepreneurial professionals. This collection of courses is unique, varied and relevant to students who are interested in pursuing careers in business, engineering, computer science, or other related fields.

By taking this minor, students will advance competencies in the following areas:
- Entrepreneurial Thinking
- Customer Discovery
- New Venture Creation
- Communication

Minor (Honours Program)

A minimum of 5.00 credits is required (3.00 required credits, plus 2.00 credits of restricted electives of which at least 1.00 credits must be at the 3000 level or above).

Note: BEng students must complete 3.50 required credits, plus 1.50 credits of restricted electives of which at least 1.00 credits must be at the 3000 level or above.

Required courses (3.00 credits):
- ACCT*2230 [0.50] Management Accounting
- MCS*1000 [0.50] Introductory Marketing
- MGMT*2500 [0.50] Fundamentals of Entrepreneurship
- MGMT*3500 [0.50] Design Thinking *
- MGMT*4500 [0.50] Advanced Entrepreneurship

One of:
- PHIL*2120 [0.50] Ethics
- PHIL*2600 [0.50] Business and Professional Ethics

*Note: Students in B.Eng. program may substitute ENGG*4110, ENGG*4120, ENGG*4130, ENGG*4150, ENGG*4160, ENGG*4170 or ENGG*4180 in place of MGMT*3500.

Restricted Electives (2.00 credits of which at least 1.00 credits are at the 3000 level or above):
- CIS*2170 [0.75] User Interface Design
- EDRD*3140 [0.50] Organizational Communication
- EDRD*4120 [0.50] Leadership Development in Small Organizations
- ENGG*4050 [0.50] Quality Control
- ENGG*4070 [0.50] Life Cycle Assessment for Sustainable Design
- EQN*4500 [1.00] Equine Integrated Project
- FARE*4370 [0.50] Food & Agri Marketing Management
- HROB*2010 [0.50] Foundations of Leadership
- HROB*4010 [0.50] Leadership Certificate Capstone
- MCS*3000 [0.50] Advanced Marketing
- MCS*3010 [0.50] Quality Management
- MCS*3500 [0.50] Marketing Analytics
- MCS*4100 [0.50] Entrepreneurship
- MGMT*2150 [0.50] Introduction to Canadian Business Management
- MGMT*3020 [0.50] Corporate Social Responsibility
- MGMT*3300 [0.50] Project Management
- MGMT*4020 [0.50] Interdisciplinary Food Product Development I
- MGMT*4030 [0.50] Interdisciplinary Food Product Development II
- MGMT*4050 [0.50] Business Consulting
- MGMT*4060 [0.50] Business Consulting

Note: Not all restricted elective courses identified in this list will necessarily be open to all students in the minor in Entrepreneurship. Some courses may have priority access restrictions, or may be limited to students enrolled in the major from which the courses are drawn. In some cases a Course Waiver Request form signed by the instructor may be required in order for students to add these courses to their schedule. Please consult with the department offering the course about possible access. Some courses may also have prerequisites which are identified in course descriptions in the academic calendar.

Food and Agricultural Business (FAB)

Department of Food, Agricultural and Resource Economics, Ontario Agricultural College

In this major, students will acquire the management education needed to succeed in the dynamic and innovative food and agribusiness industries. Building on an understanding of economic theory and applied methods in both the Canadian and the global context, the program prepares graduates with technical, entrepreneurial and leadership skills for a variety of professional opportunities in industry, government agencies and non-governmental organizations. The major provides a complete foundation for further studies leading to a graduate degree or professional accounting designation.

The major is administered by the Department of Food, Agricultural and Resource Economics in the Ontario Agricultural College and students are urged to consult the faculty advisor.

Degree Requirements (20.00 Total Credits)

15.50 - Required Core Courses
1.00 - Restricted Electives (from lists)
0.00 – MGMT*1100 (Business Career Preparation)
1.50 - Liberal Education Electives
2.00 - Free Electives

Major

Semester 1
- ECON*1050 [0.50] Introductory Microeconomics
- MATH*1030 [0.50] Business Mathematics
- MCS*1000 [0.50] Introductory Marketing
- MGMT*1000 [1.00] Introduction to Business

Semester 2
- ACCT*1220 [0.50] Introductory Financial Accounting
- ECON*1100 [0.50] Introduction to Macroeconomics
- FARE*1400 [1.00] Economics of the Agri-Food System

Semester 3
- ECON*2310 [0.50] Intermediate Microeconomics
- ECON*2740 [0.50] Economic Statistics
- HROB*2090 [0.50] Individuals and Groups in Organizations
- MCS*2020 [0.50] Information Management
- MGMT*1100 [0.00] Business Career Preparation

Semester 4
- MGMT*2320 [0.50] Management Accounting
- ECON*2410 [0.50] Intermediate Macroeconomics
- ECON*2770 [0.50] Introductory Mathematical Economics
- FARE*2410 [0.50] Agri-food Markets and Policy

Semester 5
- ECON*3740 [0.50] Introduction to Econometrics
- FARE*3310 [0.50] Operations Management
- FIN*2000 [0.50] Introduction to Finance
- MGMT*3020 [0.50] Corporate Social Responsibility
- MGMT*3320 [0.50] Financial Management

Semester 6
- FARE*4240 [0.50] Futures and Options Markets

2.00 electives or restricted electives

Semester 7
- FARE*3030 [0.50] The Firm and Markets
- FARE*4370 [0.50] Food & Agri Marketing Management
- MGMT*4000 [0.50] Strategic Management

Semester 8
- MGMT*3050 [0.50] Employment Law
- MGMT*3040 [0.50] Business and Consumer Law
- REAL*4840 [0.50] Housing and Real Estate Law

0.50 electives or restricted electives

Restricted Electives

A minimum of 1.00 credits from the following list:
- FARE*1300 [0.50] Poverty, Food & Hunger
- FARE*2700 [0.50] Survey of Natural Resource Economics
- FARE*3170 [0.50] Cost-Benefit Analysis
- FARE*3250 [0.50] Food and International Development
- FARE*3320 [0.50] Supply and Value Chain Management
- FARE*4210 [0.50] World Agriculture, Food Security and Economic Development

Revision: 2020-2021 Undergraduate Calendar
FARE*4290 [0.50] Land Economics
FARE*4310 [0.50] Resource Economics
FARE*4360 [0.50] Marketing Research
FARE*4380 [0.50] Retailing, Merchandising and Sales
FARE*4500 [0.50] Decision Science
FARE*4550 [0.50] Independent Studies I
FARE*4560 [0.50] Independent Studies II

Food and Agricultural Business (Co-op) (FAB:C)

Department of Food, Agricultural and Resource Economics, Ontario Agricultural College

In this major, students will acquire the management education needed to succeed in the dynamic and innovative food and agribusiness industries. Building on an understanding of economic theory and applied methods in both the Canadian and the global context, the program prepares graduates with technical, entrepreneurial and leadership skills for a variety of professional opportunities in industry, government agencies and non-governmental organizations. The major provides a complete foundation for further studies leading to a graduate degree or professional accounting designation. A principal aim of the Co-op program in Food and Agricultural Business is to facilitate the transition of students from academic studies to a professional career by enhancing the integration of theory and practice. The major is administered by the Department of Food, Agricultural and Resource Economics in the Ontario Agricultural College and students are urged to consult the faculty advisor.

Program Requirements

The Co-op program in Food and Agricultural Business is a five year program, including five work terms. Students must complete a Fall, Winter and Summer work term and must follow the academic work schedule as outlined below (also found on the Co-operative Education website: https://www.recruitguelph.ca/cecs/). Please refer to the Co-operative Education program policy with respect to adjusting this schedule.

Food and Agricultural Business Academic and Co-op Work Term Schedule

<table>
<thead>
<tr>
<th>Year</th>
<th>Fall Semester</th>
<th>Winter Semester</th>
<th>Summer Semester</th>
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<tr>
<td>1</td>
<td>Academic Semester 1</td>
<td>Academic Semester 2</td>
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<td>2</td>
<td>Academic Semester 3</td>
<td>FARE*1000 Work Term I</td>
<td>COOP*1100 Work Term II</td>
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<td>3</td>
<td>COOP*2000 Work Term II</td>
<td>Academic Semester 5</td>
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<td>FARE*4000 Work Term IV</td>
<td>COOP*5000 Work Term V</td>
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<td>Academic Semester 7</td>
<td>Academic Semester 8</td>
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</table>

To be eligible to continue in the Co-op program, students must meet a minimum 70% cumulative average requirement after second semester, as well as meet all work term requirements. Please refer to the Co-operative Education program policy with respect to work term performance grading, work term report grading and program completion requirements.

For additional program information students should consult with their Co-op Co-ordinator and Co-op Faculty Advisor, listed on the Co-operative Education web site.

Credit Summary (22.00 Total Credits)*

15.50 - Required Core Courses
1.00 - Restricted Electives (from lists)
1.50 - Liberal Education Electives
2.00 - Free Electives
2.00 Co-op Work Terms

Note: A minimum of four Co-op work terms including a Summer, Fall, and Winter are necessary to complete the Co-op requirement. A fifth Co-op work term is optional and if completed the total number of credits will equal 22.50.

The recommended program sequence is outlined below.

Major

Semester 1 - Fall
ECON*1050 [0.50] Introductory Microeconomics
MATH*1030 [0.50] Business Mathematics
MCS*1000 [0.50] Introductory Marketing
MGMT*1000 [1.00] Introduction to Business

Semester 2 - Winter
ACCT*1220 [0.50] Introductory Financial Accounting
ECON*1100 [0.50] Microeconomics
FARE*1400 [1.00] Economics of the Agri-Food System

Semester 3 - Fall
COOP*1100 [0.00] Introduction to Co-operative Education

Semester 4 - Winter
ACCT*2230 [0.50] Management Accounting
ECON*2410 [0.50] Intermediate Macroeconomics
ECON*2770 [0.50] Introductory Mathematical Economics
FARE*2410 [0.50] Agri-food Markets and Policy

Semester 5 - Winter
ECON*3740 [0.50] Introduction to Econometrics
FARE*3310 [0.50] Operations Management
FARE*4240 [0.50] Futures and Options Markets
FIN*2000 [0.50] Introduction to Finance
MGMT*3320 [0.50] Financial Management

Semester 6 - Fall
MGMT*3020 [0.50] Corporate Social Responsibility

Semester 7 - Fall
FARE*4370 [0.50] Food and Agri Marketing Management
MGMT*4000 [0.50] Strategic Management
One of:
HROB*3050 [0.50] Employment Law
MCS*3040 [0.50] Business and Consumer Law
REAL*4840 [0.50] Housing and Real Estate Law

Semester 8 - Winter
AGR*4600 [1.00] Agriculture and Food Issues Problem Solving
FARE*4000 [0.50] Agricultural and Food Policy
FARE*4220 [0.50] Advanced Agribusiness Management

Restricted Electives

A minimum of 1.00 credits from the following list:
FARE*1300 [0.50] Poverty, Food & Hunger
FARE*2700 [0.50] Survey of Natural Resource Economics
FARE*3170 [0.50] Cost-Benefit Analysis
FARE*3250 [0.50] Food and International Development
FARE*3320 [0.50] Supply and Value Chain Management
FARE*4210 [0.50] World Agriculture, Food Security and Economic Development
FARE*4290 [0.50] Land Economics
FARE*4310 [0.50] Resource Economics
FARE*4360 [0.50] Marketing Research
FARE*4380 [0.50] Retailing, Merchandising and Sales
FARE*4500 [0.50] Decision Science
FARE*4550 [0.50] Independent Studies I
FARE*4560 [0.50] Independent Studies II

Hospitality and Tourism Management (HTM)

School of Hospitality, Food and Tourism Management, Gordon S. Lang School of Business and Economics

The Hospitality and Tourism Management (HTM) major prepares students to assume positions of responsibility within the world’s largest industry.

In the first two years of study, students are introduced to foundational business skills and knowledge; and provided with an in-depth overview of the industry’s three sectors: hotel and lodging; restaurant and foodservice; and tourism.

2020-2021 Undergraduate Calendar
By the end of the second year, students must choose one of those sectors as their area of emphasis. For the remainder of the program, the courses and learning opportunities that students encounter have one goal: to help them cultivate the knowledge, skills, and understanding required of a managerial leader in their chosen area.

Topics of study for all three areas of emphasis includes:
- human resources management;
- marketing;
- accounting;
- communications

The hotel and lodging area includes:
- operations;
- event management;
- design

The restaurant and foodservice area includes:
- food systems;
- restaurant management;
- beverage management

The tourism area includes:
- planning and development;
- sustainability;
- international tourism

An integral part of the HTM major is experiential learning, which means that theory is balanced with practice. Students are encouraged to participate in guided learning opportunities outside the conventional classroom, such as independent study courses, study abroad, and numerous networking events with industry leaders.

Additional information:
- 1200 hours of verified work experience in the hospitality and tourism industry is required for students to be eligible for graduation.
- 700 hours of hospitality and tourism work experience must be completed before a student enrolls in HTM*4080.

Elective options enable students to select courses that support or complement their area of emphasis. Examples:
1. Students may use a combination of courses from their major, liberal education and free electives to earn the Certificate in Leadership. For information about this certificate and its course requirements, see [http://www.leadershipcertificate.com/](http://www.leadershipcertificate.com/)
2. Students interested in languages and/or participating in study abroad programs may use a combination of their liberal education or free electives to study one or more of the various languages taught at the University or to take courses while abroad.
3. Students interested in independent study courses (e.g. HTM*4130, HTM*4140, HTM*4150, HTM*4500) may use a combination of their restricted or free electives to study one or more of these special topic courses. For more information regarding current offerings, students should consult the Faculty Advisor.

### Degree Requirements (20.00 Total Credits)

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<thead>
<tr>
<th>Credits</th>
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<td>– MGMT*1100 (Business Career Preparation)</td>
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</tr>
<tr>
<td>1.50</td>
<td>Free Electives</td>
<td></td>
</tr>
</tbody>
</table>

### Major

#### Semester 1

- ECON*1050 [0.50] Introductory Microeconomics
- HTM*1700 [0.50] Foodservice Management
- MCS*1000 [0.50] Introductory Marketing
- MGMT*1000 [1.00] Introduction to Business

#### Semester 2

- ACCT*1220 [0.50] Introductory Financial Accounting
- ECON*1100 [0.50] Introductory Macroeconomics
- HTM*1160 [0.50] Lodging Operations
- MATH*1030 [0.50] Business Mathematics
- 0.50 electives or areas of emphasis

#### Semester 3

- HTM*1070 [0.50] Responsible Tourism Policy and Planning
- MCS*3040 [0.50] Business and Consumer Law
- MGMT*1100 [0.00] Business Career Preparation
- One of:
  - ECON*2740 [0.50] Economic Statistics
  - STAT*2060 [0.50] Statistics for Business Decisions

#### Semester 4

- HTM*2030 [0.50] Control Systems in the Hospitality Industry
- 1.00 electives or areas of emphasis

### Semester 3 or 4

- ACCT*2230 [0.50] Management Accounting
- HROB*2090 [0.50] Individuals and Groups in Organizations
- HTM*2010 [0.50] Hospitality and Tourism Business Communications
- 1.00 electives or areas of emphasis

### Semester 5 or 6

- FIN*2000 [0.50] Introduction to Finance
- HROB*2290 [0.50] Human Resources Management
- HTM*3080 [0.50] Marketing Strategy for Hospitality Managers
- HTM*3120 [0.50] Service Operations Analysis
- MGMT*3020 [0.50] Corporate Social Responsibility
- MGMT*3320 [0.50] Financial Management
- 2.00 electives or areas of emphasis

### Semester 7 or 8

- HTM*4080 [0.50] Experiential Learning and Leadership in the Service Industry
- HTM*4190 [0.50] Hospitality and Tourism Industry Consultation
- HTM*4250 [0.50] Hospitality Revenue Management
- MGMT*4000 [0.50] Strategic Management
- 3.00 electives or areas of emphasis

### Areas of Emphasis

Students in the Hospitality and Tourism Management (HTM) major choose one of the three areas of emphasis: Hotel and Lodging; Restaurant and Foodservice; or Tourism. Students should declare an area of emphasis by semester 4 in order to facilitate course selection for their chosen area. See the HTM Academic Advisor to declare your area of emphasis.

### Hotel and Lodging

#### Semester 4, 6 or 8

- HTM*2070 [0.50] Event Management

#### Semester 5 or 7

- HTM*3060 [0.50] Lodging Management

#### Semester 7

- HTM*4090 [0.50] Hospitality Development, Design and Sustainability

#### Semester 8

- HTM*4060 [0.50] Advanced Lodging Management
- 1.50 credits of:
  - EDRD*3140 [0.50] Organizational Communication
  - FARE*4360 [0.50] Marketing Research
  - HROB*3010 [0.50] Compensation Systems
  - HROB*3070 [0.50] Recruitment and Selection
  - HTM*3160 [0.50] Destination Management and Marketing
  - HTM*3180 [0.50] Casino Operations Management
  - MCS*2600 [0.50] Fundamentals of Consumer Behaviour
  - MGMT*4260 [0.50] International Business
  - REAL*1820 [0.50] Real Estate and Housing
  - REAL*2820 [0.50] Real Estate Finance
  - REAL*3810 [0.50] Real Estate Market Analysis
  - REAL*3890 [0.50] Property Management

### Restaurant and Foodservice

#### Semester 4, 5 or 6

- HTM*2700 [0.50] Understanding Foods

#### Semester 5 or 6

- HTM*3090 [1.00] Restaurant Operations Management

#### Semester 8

- HTM*4110 [0.50] Advanced Food Service Operations
- 1.50 credits of:
  - ENVS*2130 [0.50] Eating Sustainably in Ontario
  - FARE*4360 [0.50] Marketing Research
  - FOOD*3700 [0.50] Sensory Evaluation of Foods
  - GEOG*3320 [0.50] Food Systems: Issues in Security and Sustainability
  - HROB*3010 [0.50] Compensation Systems
  - HROB*3070 [0.50] Recruitment and Selection
  - HTM*2070 [0.50] Event Management
  - HTM*2740 [0.50] Cultural Aspects of Food
  - HTM*3030 [0.50] Beverage Management
  - HTM*3780 [0.50] Managing Food in Canada
  - HTM*4050 [0.50] Wine and Oenology
  - MCS*3010 [0.50] Quality Management

### Tourism

#### Semester 6

- GEOG*3490 [0.50] Tourism and Sustainability
- HTM*3160 [0.50] Destination Management and Marketing
**Hospitality and Tourism Management Co-op (HTM:C)**

School of Hospitality, Food and Tourism Management, Gordon S. Lang School of Business and Economics

The Hospitality and Tourism Management (HTM) major prepares students to assume positions of responsibility within the world’s largest industry. In the first two years of study, students are introduced to foundational business skills and knowledge; and provided with an in-depth overview of the industry’s three sectors: hotel and lodging; restaurant and foodservice; and tourism. By the end of the second year, students must choose one of those sectors as their area of emphasis. For the remainder of the program, the courses and learning opportunities that students encounter have one goal: to help them cultivate the knowledge, skills and understanding required of a managerial leader in their chosen area.

Topics of study for all three areas of emphasis includes:

- human resources management;
- marketing;
- accounting;
- communications

The hotel and lodging area includes:
- operations;
- event management;
- design

The restaurant and foodservice area includes:
- food systems;
- restaurant management;
- beverage management

The tourism area includes:
- planning and development;
- sustainability;
- international tourism

The principal aim of the Hospitality and Tourism Management Co-op program is to facilitate the transition of students from academic studies to a professional work life by enhancing the integration of theory and practice. The focus on experiential learning means that theory is balanced with practice. Students are encouraged to participate in guided learning opportunities outside the conventional classroom, such as independent study courses, study abroad and numerous networking events with industry leaders. Team work is a significant part of the core courses. Elective options enable students to select courses that support or complement their primary field of study. Examples:

1. Students may use a combination of courses from their major, liberal education and free electives to earn the Certificate in Leadership. For information about this certificate and its course requirements, see http://www.leadershipcertificate.com/.

2. Students interested in languages and/or participating in study abroad programs may use a combination of their liberal education or free electives to study one or more of the various languages taught at the University or to take courses while abroad.

3. Students interested in independent study courses (e.g. HTM*4500, HTM*4130, HTM*4140, HTM*4150) may use a combination of their restricted or free electives to study one or more of these special topic courses. For more information regarding current offerings, students should consult the Faculty Advisor.

**Program Requirements**

The Co-op program in Hospitality and Tourism Management is a five year program, including three work terms. Students must complete a Fall, Winter and Summer work term, and must follow the academic work schedule as outlined below (also found on the Co-operative Education website: https://www.recruitguelph.ca/cec2/). Please refer to the Co-operative Education program policy with respect to adjusting this schedule.

<table>
<thead>
<tr>
<th>Semester 8</th>
<th>Marketing Research</th>
<th>International Tourism</th>
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<tbody>
<tr>
<td>FARE*4360</td>
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<td>HTM*4170</td>
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1.50 credits of:

<table>
<thead>
<tr>
<th>Course Code</th>
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<tr>
<td>ECON*2100</td>
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<td>ECON*2650</td>
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<td>ECON*4830</td>
<td>Economic Development</td>
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<td>EDRD*3400</td>
<td>Sustainable Communities</td>
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<tr>
<td>EDRD*3500</td>
<td>Recreation and Tourism Planning</td>
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<td>EDRD*4010</td>
<td>Tourism Planning in the Less Developed World</td>
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<td>GEOG*1220</td>
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<td>Environment and Resources</td>
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<tr>
<td>MCS*3030</td>
<td>Research Methods</td>
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**Hospitality and Tourism Management Academic and Co-op Work Term Schedule**

<table>
<thead>
<tr>
<th>Year</th>
<th>Fall</th>
<th>Winter</th>
<th>Summer</th>
</tr>
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<tbody>
<tr>
<td>1</td>
<td>Academic Semester 1</td>
<td>Academic Semester 2</td>
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<tr>
<td>2</td>
<td>Academic Semester 3</td>
<td>COOP*1100</td>
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<td>COOP*2000 Work Term II</td>
<td>COOP*3000 Work Term III</td>
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<td>4</td>
<td>Academic Semester 5</td>
<td>Academic Semester 6</td>
<td>Off</td>
</tr>
<tr>
<td>5</td>
<td>Academic Semester 7</td>
<td>Academic Semester 8</td>
<td>N/A</td>
</tr>
</tbody>
</table>

To be eligible to continue in the Co-op program, students must meet a minimum 70% cumulative average requirement after second semester, as well as meet all work term requirements. Please refer to the Co-operative Education program policy with respect to work term performance grading, work term report grading and program completion requirements.

For additional program information students should consult with their Co-op Co-ordinator and Co-op Faculty Advisor, listed on the Co-operative Education web site.

**Credit Summary (21.50 Total Credits)**

13.50 - Required Core Courses
3.50 - Area of Emphasis (Restricted Electives)
1.50 - Liberal Education Electives
1.50 - Free Electives
1.50 – Co-op Work Terms

Note: Three Co-op work terms including a Summer, Fall, and Winter are necessary to complete the Co-op requirement.

The recommended program sequence is outlined below.

**Major**

**Semester 1 - Fall**

<table>
<thead>
<tr>
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<tr>
<td>ECON*1050</td>
<td>Introductory Microeconomics</td>
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<tr>
<td>HTM*1700</td>
<td>Foodservice Management</td>
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<tr>
<td>MCS*1000</td>
<td>Introductory Marketing</td>
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<tr>
<td>MGMT*1000</td>
<td>Introduction to Business</td>
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**Semester 2 - Winter**

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<td>[0.50]</td>
</tr>
<tr>
<td>ECON*1100</td>
<td>Introductory Macroeconomics</td>
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</tr>
<tr>
<td>HTM*1160</td>
<td>Lodging Operations</td>
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<td>MATH*1030</td>
<td>Business Mathematics</td>
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<td>0.50 electives or areas of emphasis</td>
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**Semester 3 - Fall**

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<tr>
<td>HTM*1070</td>
<td>Responsible Tourism Policy and Planning</td>
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<tr>
<td>MCS*3040</td>
<td>Business and Consumer Law</td>
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**Semester 4**

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<td>ECON*2740</td>
<td>Economic Statistics</td>
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<tr>
<td>STAT*2060</td>
<td>Statistics for Business Decisions</td>
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**Semester 3 or 4 - Fall or Winter**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Title</th>
<th>Credit</th>
</tr>
</thead>
<tbody>
<tr>
<td>ACCT*2230</td>
<td>Management Accounting</td>
<td>[0.50]</td>
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<tr>
<td>HROB*2090</td>
<td>Individuals and Groups in Organizations</td>
<td>[0.50]</td>
</tr>
<tr>
<td>HTM*2010</td>
<td>Hospitality and Tourism Business Communications</td>
<td>[0.50]</td>
</tr>
<tr>
<td>HTM*2030</td>
<td>Control Systems in the Hospitality Industry</td>
<td>[0.50]</td>
</tr>
<tr>
<td></td>
<td>1.00 electives or areas of emphasis</td>
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</table>

**Summer Semester**

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<th>Course Code</th>
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<tbody>
<tr>
<td>COOP*1000</td>
<td>Co-op Work Term I</td>
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**Fall Semester**

<table>
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<tr>
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<th>Title</th>
<th>Credit</th>
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<tbody>
<tr>
<td>COOP*2000</td>
<td>Co-op Work Term II</td>
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**Winter Semester**

<table>
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<tr>
<th>Course Code</th>
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<th>Credit</th>
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<tbody>
<tr>
<td>COOP*3000</td>
<td>Co-op Work Term III</td>
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**Semester 5 or 6 - Fall or Winter**

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<th>Course Code</th>
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<tbody>
<tr>
<td>FIN*2000</td>
<td>Introduction to Finance</td>
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<tr>
<td>HROB*2290</td>
<td>Human Resources Management</td>
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<tr>
<td>HTM*3080</td>
<td>Marketing Strategy for Hospitality Managers</td>
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<tr>
<td>HTM*3120</td>
<td>Service Operations Analysis</td>
<td>[0.50]</td>
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<tr>
<td>MGMT*3020</td>
<td>Corporate Social Responsibility</td>
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<tr>
<td>MGMT*3320</td>
<td>Financial Management</td>
<td>[0.50]</td>
</tr>
<tr>
<td></td>
<td>2.00 electives or areas of emphasis</td>
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**Semester 7 or 8 - Fall or Winter**

<table>
<thead>
<tr>
<th>Course Code</th>
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<th>Credit</th>
</tr>
</thead>
<tbody>
<tr>
<td>HTM*4080</td>
<td>Experiential Learning and Leadership in the Service Industry</td>
<td>[0.50]</td>
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</table>
Areas of Emphasis

Students in the Hospitality and Tourism Management (HTM) major choose one of the three areas of emphasis: Hotel and Lodging; Restaurant and Foodservice; or Tourism. Students should declare an area of emphasis by semester 4 in order to facilitate course selection for their chosen area. See the HTM Academic Advisor to declare your area of emphasis.

Hotel and Lodging

Semester 4, 6 or 8 - Winter
HTM*2070 [0.50] Event Management

Semester 5 or 7 - Fall
HTM*3060 [0.50] Lodging Management

Semester 7 - Fall
HTM*4090 [0.50] Hospitality Development, Design and Sustainability

Semester 8 - Winter
HTM*4060 [0.50] Advanced Lodging Management

1.50 credits of:
EDRD*3140 [0.50] Organizational Communication
FARE*4360 [0.50] Marketing Research
HROB*3010 [0.50] Compensation Systems
HROB*3070 [0.50] Recruitment and Selection
HTM*3160 [0.50] Destination Management and Marketing
HTM*3180 [0.50] Casino Operations Management
MCS*2600 [0.50] Fundamentals of Consumer Behaviour
MGMT*4260 [0.50] International Business
REAL*2820 [0.50] Real Estate Finance
REAL*3810 [0.50] Real Estate Market Analysis
REAL*3890 [0.50] Property Management

Restaurant and Foodservice

Semester 4, 5 or 6 - Fall or Winter
HTM*2700 [0.50] Understanding Foods

Semester 5 or 6 - Fall or Winter
HTM*3090 [1.00] Restaurant Operations Management

Semester 8 - Winter
HTM*4110 [0.50] Advanced Food Service Operations

1.50 credits of:
ENVS*2130 [0.50] Eating Sustainably in Ontario
FARE*4360 [0.50] Marketing Research
FOOD*3700 [0.50] Sensory Evaluation of Foods
GEOG*3320 [0.50] Food Systems: Issues in Security and Sustainability
HROB*3010 [0.50] Compensation Systems
HROB*3070 [0.50] Recruitment and Selection
HTM*2070 [0.50] Event Management
HTM*2740 [0.50] Cultural Aspects of Food
HTM*3030 [0.50] Beverage Management
HTM*3780 [0.50] Managing Food in Canada
HTM*4050 [0.50] Wine and Oenology
MCS*3010 [0.50] Quality Management

Tourism

Semester 6 - Winter
GEOG*3490 [0.50] Tourism and Sustainability
HTM*3160 [0.50] Destination Management and Marketing

Semester 8 - Winter
FARE*4360 [0.50] Marketing Research
HTM*4170 [0.50] International Tourism

1.50 credits of:
ECON*2100 [0.50] Economic Growth and Environmental Quality
ECON*2650 [0.50] Introductory Development Economics
ECON*4830 [0.50] Economic Development
EDRD*3400 [0.50] Sustainable Communities
EDRD*3500 [0.50] Recreation and Tourism Planning
EDRD*4010 [0.50] Tourism Planning in the Less Developed World
GEOG*1220 [0.50] Human Impact on the Environment
GEOG*2210 [0.50] Environment and Resources
HTM*2070 [0.50] Event Management
HTM*3180 [0.50] Casino Operations Management
LARC*2820 [0.50] Urban and Regional Planning
MCS*3030 [0.50] Research Methods

Human Resources (HR)

Department of Management, Gordon S. Lang School of Business and Economics

The Minor in Human Resources focuses on developing the broad set of knowledge and skills expected of human resources professionals. The courses are unique, varied and relevant to students who are interested in pursuing careers in business, management, psychology, industrial relations, law or other related fields.

In addition to the general overview, students develop the following nine competency areas:

- Human Resource Management
- Organizational Behaviour
- Finance and Accounting
- Human Resources Planning
- Occupational Health and Safety
- Training and Development
- Labour Relations
- Recruitment and Selection
- Compensation

The courses in the Minor in HR satisfy the course requirements for the Certified Human Resources Leader (“CHRL”) designation.

Minor (Honours Program)

A minimum of 5.00 credits is required, including:

ACCT*1220 [0.50] Introductory Financial Accounting
ACCT*2230 [0.50] Management Accounting
HROB*2090 [0.50] Individuals and Groups in Organizations
HROB*2290 [0.50] Human Resources Management
HROB*3010 [0.50] Compensation Systems
HROB*3030 [0.50] Occupational Health and Safety
HROB*3070 [0.50] Recruitment and Selection
HROB*3090 [0.50] Training and Development
HROB*4060 [0.50] Human Resource Planning

International Business (IB)

Department of Management, Gordon S. Lang School of Business and Economics

The Minor in International Business focuses on developing a broad set of knowledge and competencies expected of business professionals working in a global context. The course curriculum is unique and integrates a multi-disciplinary view of global issues with a fundamental understanding of management, social responsibility, sustainability and economic issues. Unique to this program is the requirement to take an additional modern language course. This Minor is relevant to students from most disciplines who are interested in pursuing careers with a global context.

By taking this minor, students will advance competencies in the following areas:

- Understanding of Global Issues
- Sustainability and Social Responsibility
- International Economics
- Cultural Diversity
- Communication

Minor (Honours Program)

A minimum of 5.00 credits is required. Business course credits earned outside of Canada on University approved exchanges, to a maximum 1.50 credits, may be substituted as Restricted Electives.

Required courses (1.50 credits):

MGMT*2260 [0.50] Introduction to International Business
MGMT*3020 [0.50] Corporate Social Responsibility
MGMT*4260 [0.50] International Business

Restricted Electives (3.50 credits as distributed below):

Minimum 1.00 credit (maximum 2.00 credits) of the ECON/FIN courses below
ECON*2310 [0.50] Intermediate Microeconomics
ECON*2650 [0.50] Introductory Development Economics
ECON*3620 [0.50] International Trade
ECON*3730 [0.50] The Origins of International Inequality
ECON*4830 [0.50] Economic Development
ECON*4880 [0.50] Topics in International Economics
FIN*3400 [0.50] International Finance

Minimum 0.50 credit (maximum 1.00 credit) of a modern language course
[0.50] CHIN, FREN, GERM, SPAN, ITAL, PORT

Minimum 0.50 credit (maximum 2.00 credit) of the following courses
AGRI*2150 [0.50] Plant Agriculture for International Development
AGRI*2500 [0.50] Field Course in International Agriculture
EDRD*3160 [0.50] International Communication
EDRD*4020 [0.50] Rural Extension in Change and Development
FARE*1300 [0.50] Poverty, Food & Hunger
FARE*3250 [0.50] Food and International Development
Management (MGMT)

The major in Management provides a balanced foundation of management knowledge and strategic leadership skills that will enable graduates to one day work as professional managers and organizational leaders. The major focuses on broad, transferrable competencies within the academic discipline of management (i.e., planning and goal setting, strategy development and execution, managerial decision making, designing organizational structure, managing change and innovation, motivating individuals and teams, managerial communication, negotiation and conflict management), while simultaneously providing the flexibility to explore a wide range of courses in other business disciplines. This major is well suited to students with a strong interest in the core skills of management who wish to develop a broad understanding and expertise in business management.

Courses extend beyond the traditional lecture based format to include community based group projects, guest lecturers, in-class simulations and case-based learning to help link academic expertise and theory with industry practice. Experiential learning is an integral part of the major, and occurs through the integration of industry examples in the classroom, and a required management capstone course that takes a consulting perspective to address real-world and simulated organizational challenges.

Graduates of the Management major will leave the University of Guelph equipped with a range of knowledge and skills which prepare them to meet management needs of the future in such roles as management consultant, business analyst, talent management specialist or as future general managers.

Degree Requirements (20.00 Total Credits)

13.50 - Required Core Courses
0.00 – MGMT*1100 (Business Career Preparation)
1.50 - Liberal Education Electives
5.00 - Free Electives

The recommended program sequence is outlined below.

Major

Semester 1

ECON*1050 [0.50] Introductory Microeconomics
MCS*1000 [0.50] Introductory Marketing
MGMT*1000 [1.00] Introduction to Business
0.50 electives

Semester 2

ECON*1100 [0.50] Introductory Macroeconomics
HROB*2090 [0.50] Individuals and Groups in Organizations
MATH*1030 [0.50] Business Mathematics
MGMT*1200 [0.50] Principles of Management
0.50 electives

Semester 3

ACCT*1220 [0.50] Introductory Financial Accounting
HROB*2010 [0.50] Foundations of Leadership
STAT*2060 [0.50] Statistics for Business Decisions
1.00 electives

Semester 4

ACCT*2230 [0.50] Management Accounting
FIN*2000 [0.50] Introduction to Finance
HROB*2290 [0.50] Human Resources Management

Management (Co-op) (MGMT:C)

The major in Management Co-op provides a balanced foundation of management knowledge and strategic leadership skills that will enable graduates to one day work as professional managers and organizational leaders. The major focuses on broad, transferrable competencies within the academic discipline of management (i.e., planning and goal setting, strategy development and execution, managerial decision making, designing organizational structure, managing change and innovation, motivating individuals and teams, managerial communication, negotiation and conflict management), while simultaneously providing the flexibility to explore a wide range of courses in other business disciplines. This major is well suited to students with a strong interest in the core skills of management who wish to develop a broad understanding and expertise in business management.

Courses extend beyond the traditional lecture based format to include community based group projects, guest lecturers, in-class simulations and case-based learning to help link academic expertise and theory with industry practice. Experiential learning is an integral part of the major, and occurs through the integration of industry examples in the classroom, and a required management capstone course that takes a consulting perspective to address real-world and simulated organizational challenges.

Graduates of the Management major will leave the University of Guelph equipped with a range of knowledge and skills which prepare them to meet management needs of the future in such roles as management consultant, business analyst, talent management specialist or as future general managers.

A principal aim of the Co-op program in Management is to facilitate the transition of students from academic studies to a professional career by enhancing the integration of theory and practice.

Program Requirements

The Co-op program in Management is a five-year program, including 4 four work terms. Students must complete a Fall, Winter and Summer work term and must follow the academic work schedule as outlined below (also found on the Co-operative Education website: https://www.recruitguelph.ca/cecs/). Please refer to the Co-operative Education program policy with respect to adjusting this schedule.

Management Academic and Co-op Work Term Schedule

<table>
<thead>
<tr>
<th>Year</th>
<th>Fall</th>
<th>Winter</th>
<th>Summer</th>
</tr>
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<tbody>
<tr>
<td>1</td>
<td>Academic Semester 1</td>
<td>Academic Semester 2</td>
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<tr>
<td>2</td>
<td>Academic Semester 3 COOP*1100</td>
<td>Academic Semester 4 COOP*1000 Work Term 1</td>
<td></td>
</tr>
<tr>
<td>3</td>
<td>Academic Semester 5 COOP*2000 Work Term II</td>
<td>Academic Semester 6</td>
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</tr>
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<td>4</td>
<td>COOP*3000 Work Term III</td>
<td>COOP*4000 Work Term IV</td>
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<td>5</td>
<td>Academic Semester 7</td>
<td>Academic Semester 8</td>
<td>N/A</td>
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</table>

To be eligible to continue in the Co-op program, students must meet a minimum 70% cumulative average requirement after second semester, as well as meet all work term requirements. Please refer to the Co-operative Education program policy with respect to work term performance grading, work term report grading and program completion requirements.
For additional program information students should consult with their Co-op Co-ordinator and Co-op Faculty Advisor, listed on the Co-operative Education web site.

**Credit Summary (21.50 Total Credits)**

13.50 - Required Core Courses
5.00 - Free Electives
1.50 Co-op Work Terms

**Note:** A minimum of three Co-op work terms including a Summer, Fall, and Winter are necessary to complete the Co-op requirement. *A fourth Co-op work term is optional and if completed, the total number of credits will equal 22.00.

The recommended program sequence is outlined below.

### Major

**Semester 1 - Fall**
- ECON*1050 [0.50] Introductory Microeconomics
- MCS*1000 [0.50] Introductory Marketing
- MGMT*1000 [1.00] Introduction to Business
- 0.50 electives

**Semester 2 - Winter**
- ECON*1100 [0.50] Introductory Macroeconomics
- HROB*2090 [0.50] Individuals and Groups in Organizations
- MATH*1030 [0.50] Business Mathematics
- MGMT*1200 [0.50] Principles of Management
- 0.50 electives

**Semester 3 - Fall**
- ACCT*1220 [0.50] Introductory Financial Accounting
- COOP*1100 [0.00] Introduction to Co-operative Education
- HROB*2010 [0.50] Foundations of Leadership
- STAT*2060 [0.50] Statistics for Business Decisions
- 1.00 electives

**Semester 4 - Winter**
- ACCT*2230 [0.50] Management Accounting
- FIN*2000 [0.50] Introduction to Finance
- HROB*2290 [0.50] Human Resources Management
- MCS*2020 [0.50] Information Management
- 0.50 electives

**Summer Semester**
- COOP*1000 [0.50] Co-op Work Term I

**Semester 5 - Fall**
- FARE*3310 [0.50] Operations Management
- HROB*3100 [0.50] Developing Management and Leadership Competencies
- MGMT*3200 [0.50] Negotiation and Conflict Management
- MGMT*3300 [0.50] Project Management
- 0.50 electives

**Winter Semester**
- COOP*2000 [0.50] Co-op Work Term II

**Semester 6 - Summer**
- MCS*3040 [0.50] Business and Consumer Law
- MGMT*3020 [0.50] Corporate Social Responsibility
- MGMT*3140 [0.50] Business Analytics
- MGMT*3320 [0.50] Financial Management
- 0.50 electives

**Fall Semester**
- COOP*3000 [0.50] Co-op Work Term III
  *(Eight month work term in conjunction with COOP*4000)*

**Winter Semester**
- COOP*4000 [0.50] Co-op Work Term IV
  *(Eight month work term in conjunction with COOP*3000)*

**Semester 7 - Fall**
- MGMT*4000 [0.50] Strategic Management
- MGMT*4100 [0.50] Management Decision Making
- 1.50 electives

**Semester 8 - Winter**
- MGMT*4040 [0.50] Advanced Topics in Management
- MGMT*4200 [0.50] Management Capstone
- 1.50 electives

### Management Economics and Finance (MEF)

#### Department of Economics and Finance, Gordon S. Lang School of Business and Economics

The Management Economics and Finance major is designed to offer students an appreciation of business and economic problems particularly in the area of finance.

### Degree Requirements (20.00 Total Credits)

11.50 - Required Core Courses
5.00 - Restricted Electives (from lists)
1.50 - Liberal Education Electives
2.00 - Free Electives

**Major**

**Semester 1**
- ECON*1050 [0.50] Introductory Microeconomics
- MGMT*1000 [1.00] Introduction to Business

One of:
- MATH*1030 [0.50] Business Mathematics
- MATH*1200 [0.50] Calculus I
- 0.50 electives

*Note: MATH*1200 is recommended for the finance Area of Emphasis.

**Semester 2**
- ACCT*1220 [0.50] Introductory Financial Accounting
- ECON*1100 [0.50] Introductory Macroeconomics
- HROB*2090 [0.50] Individuals and Groups in Organizations
- MGMT*1000 [0.50] Introductory Marketing
- 0.50 electives

**Semester 3**
- ACCT*2230 [0.50] Management Accounting
- ECON*2310 [0.50] Intermediate Microeconomics
- ECON*2740 [0.50] Economic Statistics
- ECON*2770 [0.50] Introductory Mathematical Economics
- MCS*2020 [0.50] Information Management
- MGMT*1100 [0.00] Business Career Preparation

*Note: Students who wish to take the Statistics courses listed under the finance Area of Emphasis may select STAT*2040 in place of ECON*2740.

**Semester 4**
- ECON*2410 [0.50] Intermediate Macroeconomics
- FIN*2000 [0.50] Introduction to Finance
- MCS*3040 [0.50] Business and Consumer Law
- MGMT*3320 [0.50] Financial Management
- 0.50 electives or restricted electives in an area of emphasis

*Note: Students may select REAL*4840 in place of MCS*3040. This is a Fall semester course and can be completed in any Fall semester, provided the prerequisites are completed.

**Semester 5**
- ECON*3740 [0.50] Introduction to Econometrics
- MGMT*3020 [0.50] Corporate Social Responsibility

One of:
- FIN*3000 [0.50] Investments
- FIN*3100 [0.50] Corporate Finance
- 1.00 electives or restricted electives

*Note: ECON*3710 is required for the finance Area of Emphasis.

**Semester 6**
- FARE*3310 [0.50] Operations Management

One of:
- FIN*3000 [0.50] Investments
- FIN*3100 [0.50] Corporate Finance
- 1.50 electives or restricted electives

*Note: ECON*3810 is required for the finance Area of Emphasis

**Semester 7**
- 2.50 electives or restricted electives

**Semester 8**
- MGMT*4000 [0.50] Strategic Management
- 2.00 electives or restricted electives

### Areas of Emphasis

Students choose either finance or Management as an area of emphasis in the MEF major. This choice should be made by semester 5. See the Economics and Finance departmental advisor to declare an area of emphasis.

#### FINANCE Area of Emphasis

- ECON*3710 [0.50] Advanced Microeconomics
- ECON*3810 [0.50] Advanced Macroeconomics
- FIN*4000 [0.50] Advanced Topics in Finance
- 1.00 credits from the following finance courses:
<table>
<thead>
<tr>
<th>Course Code</th>
<th>Credits</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>FIN*3200</td>
<td>0.50</td>
<td>Fundamentals of Derivatives</td>
</tr>
<tr>
<td>FIN*3300</td>
<td>0.50</td>
<td>The Strategy of Mergers and Acquisitions</td>
</tr>
<tr>
<td>FIN*3400</td>
<td>0.50</td>
<td>International Finance</td>
</tr>
<tr>
<td>FIN*3500</td>
<td>0.50</td>
<td>Money, Credit and the Financial System</td>
</tr>
</tbody>
</table>

1.00 Economics or Finance credits at the 3000 or 4000 level

In addition to the required credits listed above, students must take a minimum of 1.50 credits in restricted electives. Restricted electives are listed below and have been grouped in major topical areas which are related to, or are an extension of, the professional interests of the major. Students may, however, choose restricted electives from any of those listed without regard to the categories, which are intended to be suggestive.

### Courses toward a professional designation as a Chartered Financial Analyst (CFA)

- **ACCT*3330 [0.50]** Intermediate Financial Accounting I
- **ACCT*3340 [0.50]** Intermediate Financial Accounting II
- **ECON*4760 [0.50]** Topics in Monetary Economics
- **FIN*3200 [0.50]** Fundamentals of Derivatives
- **FIN*4200 [0.50]** Risk Management in Finance and Insurance

### Courses in Quantitative Finance

- **ECON*3100 [0.50]** Game Theory
- **ECON*4640 [0.50]** Advanced Econometrics
- **ECON*4700 [0.50]** Advanced Mathematical Economics
- **FIN*4100 [0.50]** Financial Econometrics
- **MATH*1160 [0.50]** Linear Algebra I
- **MATH*1210 [0.50]** Calculus II
- **STAT*3100 [0.50]** Introductory Mathematical Statistics I
- **STAT*3110 [0.50]** Introductory Mathematical Statistics II

### Courses in preparation for post-graduate work in Economics (MA)

- **ECON*4640 [0.50]** Advanced Econometrics
- **ECON*4710 [0.50]** Advanced Topics in Microeconomics
- **ECON*4810 [0.50]** Advanced Topics in Macroeconomics

### Community Engagement Courses

- **MGMT*4050 [0.50]** Business Consulting
- **MGMT*4350 [0.50]** Business Case Competition Preparation
- **MGMT*4350 [0.50]** Business Case Competition Preparation

### Courses for Computational Finance

- **CIS*1910 [0.50]** Discrete Structures in Computing I
- **CIS*2500 [0.50]** Intermediate Programming
- **CIS*2520 [0.50]** Data Structures
- **CIS*2750 [0.75]** Software Systems Development and Integration
- **CIS*3550 [0.75]** System Analysis and Design in Applications
- **MGMT*3140 [0.50]** Business Analytics
- **MGMT*4140 [0.50]** Advanced Business Analytics

### MANAGEMENT Area of Emphasis

- **ECON*4400 [0.50]** Managerial Economics

1.00 credits from the following finance courses:

- **FIN*3200 [0.50]** Fundamentals of Derivatives
- **FIN*3300 [0.50]** The Strategy of Mergers and Acquisitions
- **FIN*3400 [0.50]** International Finance
- **FIN*3500 [0.50]** Money, Credit and the Financial System

2.50 additional credits in economics or finance of which at least 0.50 must be at the 4000 level and at most 0.50*** may be at the 2000 level.

*** May be replaced with a 4000 level 0.50 credits in Accounting.

In addition to the economics or finance credits listed above, students must take a minimum of 1.00 credits in restricted electives listed below. These courses have been grouped in major topical areas which are related to various professional interests. Students may, however, choose restricted electives from any of those listed without regard to the categories.

### Courses toward a professional accounting designation

Chartered Professional Accountants (CPA)


- **ACCT*3230 [0.50]** Intermediate Management Accounting
- **ACCT*3280 [0.50]** Auditing I
- **ACCT*3330 [0.50]** Intermediate Financial Accounting I
- **ACCT*3340 [0.50]** Intermediate Financial Accounting II
- **ACCT*3350 [0.50]** Taxation
- **ACCT*4220 [0.50]** Advanced Financial Accounting
- **ACCT*4230 [0.50]** Advanced Management Accounting
- **ACCT*4270 [0.50]** Auditing II
- **ACCT*4290 [0.50]** IT Auditing and Data Analytics
- **ACCT*4340 [0.50]** Accounting Theory
- **ACCT*4350 [0.50]** Income Taxation II
- **ACCT*4440 [0.50]** Integrated Cases in Accounting

### Courses to prepare for the Certified Human Resource Professional (CHRDP)


- **HROB*2200 [0.50]** Labour Relations
- **HROB*2290 [0.50]** Human Resources Management
- **HROB*3010 [0.50]** Compensation Systems
- **HROB*3030 [0.50]** Occupational Health and Safety
- **HROB*3070 [0.50]** Recruitment and Selection
- **HROB*3090 [0.50]** Training and Development
- **HROB*4060 [0.50]** Human Resource Planning

### Courses to prepare for a post-graduate program in Industrial Relations:

- **ECON*3400 [0.50]** The Economics of Personnel Management
- **ECON*3520 [0.50]** Labour Economics
- **ECON*3620 [0.50]** International Trade
- **ECON*4790 [0.50]** Topics in Labour Market Theory
- **HROB*2200 [0.50]** Labour Relations
- **HROB*2290 [0.50]** Human Resources Management
- **HROB*3010 [0.50]** Compensation Systems
- **HROB*3030 [0.50]** Occupational Health and Safety
- **HROB*3070 [0.50]** Recruitment and Selection
- **HROB*3090 [0.50]** Training and Development
- **HROB*4060 [0.50]** Human Resource Planning

### Courses toward the Leadership Certificate:


- **HROB*2010 [0.50]** Foundations of Leadership
- **HROB*4010 [0.50]** Leadership Certificate Capstone
- **POLS*2250 [0.50]** Public Administration and Governance
- **POLS*3440 [0.50]** Corruption, Scandal and Political Ethics

### Courses in Public Administration:

- **ECON*3610 [0.50]** Public Economics
- **POLS*2250 [0.50]** Public Administration and Governance
- **POLS*2300 [0.50]** Canadian Government and Politics
- **POLS*3210 [0.50]** The Constitution and Canadian Federalism
- **POLS*3250 [0.50]** Public Policy: Challenges and Prospects
- **POLS*3270 [0.50]** Local Government in Ontario
- **POLS*3470 [0.50]** Business-Government Relations in Canada

### Courses in Real Estate and Housing:

- **ECON*3500 [0.50]** Urban Economics
- **REAL*1820 [0.50]** Real Estate and Housing
- **REAL*2820 [0.50]** Real Estate Finance
- **REAL*3890 [0.50]** Property Management
- **REAL*4820 [0.50]** Real Estate Appraisal

** These courses count towards the Post Graduate Valuation Certificate offered by UBC, part of the requirements to obtain an Accredited Appraiser Canadian Institute designation.

### Courses in Corporate Social Responsibility:

- **BUS*4550 [0.50]** Applied Business Project I
- **BUS*4560 [0.50]** Applied Business Project II
- **ECON*2650 [0.50]** Introductory Development Economics
- **ECON*3300 [0.50]** Economics of Health and the Workplace
- **ECON*4930 [0.50]** Environmental Economics
- **HROB*3030 [0.50]** Occupational Health and Safety
- **REAL*2850 [0.50]** Service Learning in Housing
- **MGMT*4050 [0.50]** Business Consulting
- **MGMT*4060 [0.50]** Business Consulting

### Courses in Marketing:

- **MCS*2600 [0.50]** Fundamentals of Consumer Behaviour
- **MCS*3000 [0.50]** Advanced Marketing
- **MCS*3010 [0.50]** Quality Management
- **MCS*3620 [0.50]** Marketing Communications
- **MCS*4400 [0.50]** Pricing Management

### Courses in Food and Agribusiness:

- **FARE*2410 [0.50]** Agrifood Markets and Policy
- **FARE*3030 [0.50]** The Firm and Markets
- **FARE*3170 [0.50]** Cost-Benefit Analysis
- **FARE*4000 [0.50]** Agricultural and Food Policy
- **FARE*4220 [0.50]** Advanced Agribusiness Management

### Management Economics and Finance (Co-op) (MEF:C)

**Department of Economics and Finance, Gordon S. Lang School of Business and Economics**

The Management Economics and Finance major is designed to offer students an appreciation of business and economic problems particularly in the area of finance.

The major provides a suitable education for a career in the business world or in the public service. It also constitutes a useful preparation for more advanced studies, including graduate studies in Economics, Finance, Business Administration, Accounting, Industrial Relations, Law, and Public Policy. The major is administered by the Department of Economics and Finance and students are urged to consult the faculty advisor.
A principal aim of the Co-op program in Management Economics and Finance is to facilitate the transition of students from academic studies to a professional career by enhancing the integration of theory and practice.

Program Requirements
The Co-op program in Management Economics and Finance is a five year program, including five work terms. Students must complete a Fall, Winter and Summer work term, and must follow the academic work schedule as outlined below (also found on the Co-operative Education website: https://www.recruitqueph.ca/ecoed/). Please refer to the Co-operative Education program policy with respect to adjusting this schedule.

Management Economics and Finance Academic and Co-op Work Term Schedule

<table>
<thead>
<tr>
<th>Year</th>
<th>Fall</th>
<th>Winter</th>
<th>Summer</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Academic Semester 1</td>
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<tr>
<td>2</td>
<td>Academic Semester 3</td>
<td>Academic Semester 4</td>
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<td>COOP*2000 Work Term II</td>
<td>Academic Semester 5</td>
<td>COOP*3000 Work Term III</td>
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<td>5</td>
<td>Academic Semester 7</td>
<td>Academic Semester 8</td>
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</tr>
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</table>

To be eligible to continue in the Co-op program, students must meet a minimum 70% cumulative average requirement after second semester, as well as meet all work term requirements. Please refer to the Co-operative Education program policy with respect to work term performance grading, work term report grading and program completion requirements.

For additional program information students should consult with their Co-op Co-ordinator and Co-op Faculty Advisor, listed on the Co-operative Education web site.

Credit Summary (22.00 Total Credits)
11.50 - Required Core Courses
5.00 - Restricted Electives (from lists)
1.50 - Liberal Education Electives
2.00 - Free Electives
2.00 - Co-op Work Terms

Note: A minimum of four Co-op work terms including a Summer, Fall, and Winter are necessary to complete the Co-op requirement. *A fifth Co-op work term is optional and if completed the total number of credits will equal 22.50.

The recommended program sequence is outlined below.

Major
Semester 1 - Fall
ECON*1050 [0.50] Introductory Microeconomics
MGMT*1000 [1.00] Introduction to Business
One of:
MATH*1030 [0.50] Business Mathematics
MATH*1200 [0.50] Calculus I
0.50 electives

Note: MATH*1200 is recommended for the Finance Area of Emphasis.

Semester 2 - Winter
ACCT*1220 [0.50] Introductory Financial Accounting
ECON*1100 [0.50] Introductory Macroeconomics
HRPB*2090 [0.50] Individuals and Groups in Organizations
MCS*1000 [0.50] Introductory Marketing
0.50 electives

Semester 3 - Fall
ACCT*2230 [0.50] Management Accounting
COOP*1100 [0.00] Introduction to Co-operative Education
ECON*2310 [0.50] Intermediate Microeconomics
ECON*2740 [0.50] Economic Statistics
ECON*2770 [0.50] Introductory Mathematical Economics
MCS*2020 [0.50] Information Management
0.50 electives

Note: Students who wish to take the Statistics courses listed under the Finance Area of Emphasis may select STAT*2040 in place of ECON*2740.

Semester 4 - Winter
ECON*2410 [0.50] Intermediate Macroeconomics
FIN*2000 [0.50] Introduction to Finance
MCS*3040 [0.50] Business and Consumer Law
MGMT*3320 [0.50] Financial Management
0.50 electives or restricted electives in an area of emphasis

Note: Students may select REAL*4840 in place of MCS*3040. This is a Fall semester course and can be completed in any Fall semester, provided the prerequisites are completed.

Summer Semester
COOP*1000 [0.50] Co-op Work Term I

Fall Semester
COOP*2000 [0.50] Co-op Work Term II

Semester 5 - Winter
ECON*3740 [0.50] Introduction to Econometrics
FARE*2310 [0.50] Operations Management
One of:
FIN*3000 [0.50] Investments
FIN*3100 [0.50] Corporate Finance
1.00 electives or restricted electives

Note: ECON*3810 is required for the Finance Area of Emphasis

Summer Semester
COOP*3000 [0.50] Co-op Work Term III

Semester 6 - Fall
MGMT*3020 [0.50] Corporate Social Responsibility
One of:
FIN*3000 [0.50] Investments
FIN*3100 [0.50] Corporate Finance
1.50 electives or restricted electives

Note: If in the Finance Area of Emphasis take ECON*3710.

Winter Semester
COOP*4000 [0.50] Co-op Work Term IV
(Eight month work term in conjunction with COOP*5000)

Summer Semester
COOP*5000 [0.50] Co-op Work Term V
(Eight month work term in conjunction with COOP*4000)

Semester 7 - Fall
2.50 electives or restricted electives

Semester 8 - Winter
MGMT*4000 [0.50] Strategic Management
2.00 electives or restricted electives

Areas of Emphasis
Students choose either Finance or Management as an area of emphasis in the MEF major. This choice should be made by semester 5. See the Economics and Finance departmental advisor to declare an area of emphasis.

FINANCE Area of Emphasis
ECON*3710 [0.50] Advanced Microeconomics
ECON*3810 [0.50] Advanced Macroeconomics
FIN*4000 [0.50] Advanced Topics in Finance
1.00 credits from the following finance courses:
FIN*3200 [0.50] Fundamentals of Derivatives
FIN*3300 [0.50] The Strategy of Mergers and Acquisitions
FIN*3400 [0.50] International Finance
FIN*3500 [0.50] Money, Credit and the Financial System
1.00 Economics or Finance credits at the 3000 or 4000 level

In addition to the required credits listed above, students must take a minimum of 1.50 credits in restricted electives. Restricted electives are listed below and have been grouped in major topical areas which are related to, or are an extension of, the professional interests of the major. Students may, however, choose restricted electives from any of those listed without regard to the categories, which are intended to be suggestive.

Courses toward a professional designation as a Chartered Financial Analyst (CFA)
ACCT*3330 [0.50] Intermediate Financial Accounting I
ACCT*3340 [0.50] Intermediate Financial Accounting II
ECON*4760 [0.50] Topics in Monetary Economics
FIN*3200 [0.50] Fundamentals of Derivatives
FIN*4200 [0.50] Risk Management in Finance and Insurance

Courses in Quantitative Finance
ECON*3100 [0.50] Game Theory
ECON*4640 [0.50] Advanced Econometrics
ECON*4700 [0.50] Advanced Mathematical Economics
FIN*4100 [0.50] Financial Econometrics
MATH*1160 [0.50] Linear Algebra I
MATH*1210 [0.50] Calculus II
STAT*3100 [0.50] Introduction to Mathematical Statistics I
STAT*3110 [0.50] Introduction to Mathematical Statistics II

Courses in preparation for post-graduate work in Economics (MA)
ECON*4640 [0.50] Advanced Econometrics
ECON*4710 [0.50] Advanced Topics in Microeconomics
ECON*4810 [0.50] Advanced Topics in Macroeconomics

Community Engagement Courses
MGMT*4050 [0.50] Business Consulting
MGMT*4350 [0.50] Business Case Competition Preparation
MGMT*4350 [0.50] Business Case Competition Preparation

Courses for Computational Finance
CIS*1910 [0.50] Discrete Structures in Computing I

Revision: 2020-2021 Undergraduate Calendar
**Courses in Real Estate Finance:**

- ECON*3500 [0.50] Urban Economics

**Courses in Pricing Management:**

- REAL*1820 [0.50] Real Estate and Housing
- REAL*2820 [0.50] Real Estate Finance
- REAL*3890 [0.50] Property Management
- REAL*4820 [0.50] Real Estate Appraisal

**Courses in Corporate Social Responsibility:**

- BUS*4550 [0.50] Applied Business Project I
- BUS*4560 [0.50] Applied Business Project II
- ECON*2650 [0.50] Introductory Development Economics
- ECON*3300 [0.50] Economics of Health and the Workplace
- ECON*4930 [0.50] Environmental Economics
- HRPB*3030 [0.50] Occupational Health and Safety
- REAL*2850 [0.50] Service Learning in Housing

**Courses in Management:**

- MGMT*4050 [0.50] Business Consulting
- MGMT*4060 [0.50] Business Consulting

**Marketing (MKTG):**

Department of Marketing and Consumer Studies, Gordon S. Lang School of Business and Economics

The minor in Marketing is designed for students who wish to better understand the subject of marketing and potentially integrate this with their primary field of study. The program develops a core knowledge of contemporary theory and principles of marketing and consumer behaviour of particular relevance to the non-specialist. Note: the minor in Marketing is not open to students enrolled in the Marketing Management major in the Bachelor of Commerce degree.

**Minor (Honours Program):**

A minimum of 5.00 credits is required, including:

- ECON*1050 [0.50] Introductory Microeconomics
- HROB*2090 [0.50] Individuals and Groups in Organizations
- MCS*1000 [0.50] Introductory Marketing
- MCS*2600 [0.50] Fundamentals of Consumer Behaviour
- MCS*3000 [0.50] Advanced Marketing
- PSYC*1000 [0.50] Introduction to Psychology

**Restricted Electives:**

2.00 restricted Electives:

- ECON*2740 [0.50] Economic Statistics
- MCS*3010 [0.50] Quality Management
- MCS*3030 [0.50] Research Methods
- MCS*3500 [0.50] Marketing Analytics
- MCS*3600 [0.50] Consumer Information Processes
- MCS*3620 [0.50] Marketing Communications
- MCS*4040 [0.50] Management in Product Development
- MCS*4300 [0.50] Marketing and Society
- MCS*4400 [0.50] Pricing Management
- MCS*4600 [0.50] International Marketing
- PSYC*1010 [0.50] Making Sense of Data in Psychological Research
- STAT*2060 [0.50] Statistics for Business Decisions

*NOTE: only one of ECON*2740, PSYC*1010 or STAT*2060 may be counted as a restricted elective towards the minor in Marketing.*

**Marketing Management (MKMN):**

Department of Marketing, Gordon S. Lang School of Business and Economics

The Marketing Management major is interdisciplinary, follows a liberal education philosophy, and is built on the Department’s expertise in the field of marketing and consumer research.
Restricted Electives for the Marketing Management Major

Substitutions for restricted electives will be allowed if a Marketing and Consumer Studies Faculty Advisor agrees that a proposed alternative is relevant to marketing in today’s world and has an appropriate level of rigor.

Marketing Environment Elective - List E1

To supplement the knowledge students gain in MCS*1000 about the socio-cultural, economic, political/legal, and technological "environmental" factors that must be taken into consideration in marketing decision-making, marketing management majors must take one [0.50 credits] of:

- ANTH*1150 [0.50] Introduction to Anthropology
- EDRD*1400 [0.50] Introduction to Design
- FRHD*1010 [0.50] Human Development
- GEOG*1200 [0.50] Society and Space
- GEOG*1220 [0.50] Human Impact on the Environment
- GEOG*2510 [0.50] Canada: A Regional Synthesis
- NUTR*1010 [0.50] Introduction to Nutrition
- PHIL*2070 [0.50] Philosophy of the Environment
- POLS*2250 [0.50] Public Administration and Governance
- POLS*2300 [0.50] Canadian Government and Politics
- SOC*1100 [0.50] Sociology

History/Global Elective - List E2

To help marketing majors develop a sense of the fundamental relativity of knowledge and understanding over time and/or to help them gain the global perspective needed in senior marketing courses, marketing management majors must take one [0.50 credits] of:

- ARTH*2490 [0.50] History of Canadian Art
- BIOL*1500 [0.50] Humans in the Natural World
- GEOG*2030 [0.50] Environment and Development
- HIST*1150 [0.50] The Modern World
- HIST*1250 [0.50] Science and Technology in a Global Context
- HIST*2070 [0.50] World Religions
- HIST*2250 [0.50] Environment and History
- HIST*2300 [0.50] The United States Since 1776
- HIST*2510 [0.50] Modern Europe Since 1789
- HIST*2910 [0.50] Modern Asia
- HIST*2930 [0.50] Women and Cultural Change
- HIST*3070 [0.50] Modern India
- HIST*3150 [0.50] History and Culture of Mexico
- ISS*2000 [0.50] Asia
- POLS*1500 [0.50] World Politics
- POLS*2080 [0.50] Development and Underdevelopment
- POLS*2200 [0.50] International Relations

Leadership/Professionalism Elective - List E3

To help prepare senior marketing management majors for leadership positions in organizations, they must take one [0.50 credits] of:

- ECON*2310 [0.50] Intermediate Microeconomics
- ECON*2410 [0.50] Intermediate Macroeconomics
- EDRD*3160 [0.50] International Communication
- EDRD*4120 [0.50] Leadership Development in Small Organizations
- HROB*2010 [0.50] Foundations of Leadership
- MGMT*4260 [0.50] International Business
- PHIL*2100 [0.50] Critical Thinking
- PHIL*2120 [0.50] Ethics
- PHIL*2600 [0.50] Business and Professional Ethics

Advanced Marketing Elective - List E4

To address the University Learning Objective of “Depth and Breadth of Learning” and to enhance the knowledge of product development, placement strategies, and the integration of societal influences on thinking, senior marketing management majors must take one [0.50 credits] of:

- ECON*3010 [0.50] Quality Management
- ECON*3050 [0.50] Digital Marketing
- MCS*4020 [0.50] Research in Consumer Studies
- MCS*4040 [0.50] Management in Product Development
- MCS*4060 [0.50] Retail Management
- MCS*4300 [0.50] Marketing and Society
- MCS*4400 [0.50] Pricing Management
- MCS*4910 [0.50] Topics in Consumer Studies
- MGMT*4350 [0.50] Business Case Competition Preparation

Experiential Learning Capstone Electives - List E5

To enhance their understanding of marketing in terms of application, senior marketing management majors must take one [0.50 credits] of:

- HROB*4010 [0.50] Leadership Certificate Capstone
- MCS*4100 [0.50] Entrepreneurship
- MCS*4920 [0.50] Topics in Consumer Studies
- MCS*4950 [0.50] Consumer Studies Practicum
- MGMT*4020 [0.50] Interdisciplinary Food Product Development
The Marketing Management major is interdisciplinary, follows a liberal education philosophy, and is built on the Department's expertise in the field of marketing and consumer research.

The Department of Marketing and Consumer Studies prepares students for a career in marketing but also for educating them so that they can be active and engaged citizens. This is achieved from a balanced curriculum of marketing and liberal education courses that provide students with an understanding of the world they will work and live in. Students will gain knowledge in creating, communicating, and delivering product offerings to create value to stakeholders in a global and connected economy. Students completing this major will be prepared to pursue a variety of marketing career paths and diverse leadership roles.

The Co-op program in Marketing Management is designed to facilitate the transition of students from academic studies to a professional career by enhancing the integration of theory and practice. Elective options enable students to select courses which support or complement their primary field of study. Examples: (1) students can use a combination of restricted, Liberal Education, and free electives to earn the Certificate in Leadership. See http://www.leadershipcertificate.com/ for information about this certificate and its course requirements; (2) students interested in languages and/or going on exchange can use their Liberal Education and free electives to study one or more of the various languages taught at the University. Note: students also can take courses of interest as electives without concern for categories.

Program Requirements
The Co-op program in Marketing Management is a five year program, including five work terms. Students must complete a Fall, Winter and Summer work term and must follow the academic work schedule as outlined below (also found on the Co-operative Education website: https://www.recruitguelph.ca/cecs/). Please refer to the Co-operative Education program policy with respect to adjusting this schedule.

Marketing Management Academic and Co-op Work Term Schedule

<table>
<thead>
<tr>
<th>Year</th>
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<th>Winter</th>
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<tr>
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</table>

To be eligible to continue in the Co-op program, students must meet a minimum 70% cumulative average requirement after second semester, as well as meet all work term requirements. Please refer to the Co-operative Education program policy with respect to work term performance grading, work term report grading and program completion requirements.

For additional program information students should consult with their Co-op Co-ordinator and Co-op Faculty Advisor, listed on the Co-operative Education web site.

Credit Summary (22.00 Total Credits)*

13.00 - Required Core Courses
2.50 - Restricted Electives (from lists)
1.50 - Liberal Education Electives
3.00 - Free Electives
2.00 Co-op Work Terms

Note: A minimum of four Co-op work terms including a Summer, Fall, and Winter are necessary to complete the Co-op requirement. A fifth Co-op work term is optional and if completed the total number of credits will equal 22.50.

The recommended program sequence is outlined below.

Major

Semester 1 - Fall

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
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<td>ECON*1050</td>
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<td>MGMT*1000</td>
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Semester 2 - Winter

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<tr>
<td>ECON*1100</td>
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<td>MCS*1000</td>
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Semesters 1 or 2 - Fall or Winter

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<td>MATH*1030</td>
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<td>PSYC*1100</td>
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0.50 Marketing Environment electives (see List E1)

Semester 3 - Fall

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One of:

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<td>ECON*2740</td>
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<td>PSYC*1010</td>
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Making Sense of Data in Psychological Research

0.50 electives

Semesters 4 - Winter

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<td>MCS*3040</td>
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0.50 History/GLOBAL Perspective electives (see List E2)

Summer Semester

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Co-op Work Term I

Fall Semester

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<tbody>
<tr>
<td>COOP*2000</td>
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</tbody>
</table>

Co-op Work Term II

Semester 5 - Winter

The following 5.00 credits must be completed over semesters 5 and 6. Select 2.50 credits in Winter Semester 5 and the remaining 2.50 in Fall Semester 6:

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<thead>
<tr>
<th>Course</th>
<th>Credits</th>
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<tbody>
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<tr>
<td>MCS*3320</td>
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0.50 Leadership/Professionalism electives (see List E3)

2.00 electives

Summer Semester

<table>
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<th>Credits</th>
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<tbody>
<tr>
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Co-op Work Term III

Semester 6 - Fall

Select 2.50 credits from the list below that were not taken in Winter Semester 5:

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<tbody>
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<td>FARE*3310</td>
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<tr>
<td>FIN*2000</td>
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<tr>
<td>MCS*3500</td>
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<tr>
<td>MCS*3620</td>
<td>0.50</td>
</tr>
<tr>
<td>MCS*3320</td>
<td>0.50</td>
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</table>

0.50 Leadership/Professionalism electives (see List E3)

Winter Semester

<table>
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<tr>
<th>Course</th>
<th>Credits</th>
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</thead>
<tbody>
<tr>
<td>COOP*4000</td>
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(Eight month work term in conjunction with COOP*5000)

Summer Semester

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>COOP*5000</td>
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</tr>
</tbody>
</table>

(Eight month work term in conjunction with COOP*4000)

Semesters 7 or 8 - Fall or Winter

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>MCS*3600</td>
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</tr>
<tr>
<td>MCS*4370</td>
<td>0.50</td>
</tr>
<tr>
<td>MCS*4600</td>
<td>0.50</td>
</tr>
<tr>
<td>MCS*3020</td>
<td>0.50</td>
</tr>
<tr>
<td>MCS*4000</td>
<td>0.50</td>
</tr>
</tbody>
</table>

0.50 Advanced Marketing electives (see List E4)

0.50 Experiential Learning Capstone electives (see List E5)

1.50 electives

Restricted Electives for the Marketing Management Major

Substitutions for restricted electives will be allowed if a Marketing and Consumer Studies Faculty Advisor agrees that a proposed alternative is relevant to marketing in today's world and has an appropriate level of rigour.

Marketing Environment Elective - List E1

To supplement the knowledge students gain in MCS*1000 about the socio-cultural, economic, political/legal, and technological "environmental" factors that must be taken into consideration in marketing decision-making, marketing management majors must take one [0.50 credits] of:

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ANTH*1150</td>
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</tr>
<tr>
<td>EDRD*1400</td>
<td>0.50</td>
</tr>
<tr>
<td>FRHD*1010</td>
<td>0.50</td>
</tr>
</tbody>
</table>
| Electronics and Communications
| Information Management
| Management of Information Systems
| Marketing Management
| Organizational Behavior
| Psychology of Work and Organizations
| Research Methods
| Statistics for Business Decisions

Note: 3.00 - Free Electives
1.50 - Liberal Education Electives
2.50 - Restricted Electives (from lists)
13.00 - Required Core Courses

Revision:
By taking this minor, students will advance competencies in the following areas:

- Organizational Behaviour
- Leadership
- Communication

Minor (Honours Program)
A minimum of 5.00 credits is required (3.00 required credits, plus 2.00 credits of restricted electives of which at least 1.00 credits must be at the 3000 level or above).

Required courses (3.00 credits):

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
<th>Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>HROB*+2010</td>
<td>0.50</td>
<td>Foundations of Leadership</td>
</tr>
<tr>
<td>HROB*+2090</td>
<td>0.50</td>
<td>Individuals and Groups in Organizations</td>
</tr>
<tr>
<td>HROB*+3100</td>
<td>0.50</td>
<td>Developing Management and Leadership Competencies</td>
</tr>
<tr>
<td>MGMT*+3300</td>
<td>0.50</td>
<td>Project Management</td>
</tr>
<tr>
<td>MGMT*+4300</td>
<td>0.50</td>
<td>Advanced Project Management</td>
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One of:

<table>
<thead>
<tr>
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<th>Credits</th>
<th>Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>EDRD*+3140</td>
<td>0.50</td>
<td>Organizational Communication</td>
</tr>
<tr>
<td>HTM*+2010</td>
<td>0.50</td>
<td>Hospitality and Tourism Business Communications</td>
</tr>
<tr>
<td>MCS*+2000</td>
<td>0.50</td>
<td>Business Communication</td>
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Restricted Electives (2.00 credits of which at least 1.00 credits are at the 3000 level or above):

<table>
<thead>
<tr>
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<th>Credits</th>
<th>Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>EDRD*+4120</td>
<td>0.50</td>
<td>Leadership Development in Small Organizations</td>
</tr>
<tr>
<td>ENGG*+3240</td>
<td>0.50</td>
<td>Engineering Economics</td>
</tr>
<tr>
<td>ENGG*+4050</td>
<td>0.50</td>
<td>Quality Control</td>
</tr>
<tr>
<td>FARE*+3310</td>
<td>0.50</td>
<td>Operations Management</td>
</tr>
<tr>
<td>FARE*+4370</td>
<td>0.50</td>
<td>Food &amp; Agri Marketing Management</td>
</tr>
<tr>
<td>HTM*+2070</td>
<td>0.50</td>
<td>Event Management</td>
</tr>
<tr>
<td>HTM*+3120</td>
<td>0.50</td>
<td>Service Operations Analysis</td>
</tr>
<tr>
<td>IDEV*+3400</td>
<td>0.50</td>
<td>Managing and Evaluating Change in Development</td>
</tr>
<tr>
<td>MCS*+3620</td>
<td>0.50</td>
<td>Marketing Communications</td>
</tr>
<tr>
<td>MGMT*+4050</td>
<td>0.50</td>
<td>Business Consulting</td>
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<td>MGMT*+4060</td>
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<td>Business Consulting</td>
</tr>
<tr>
<td>PHIL*+2120</td>
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<td>Ethics</td>
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<tr>
<td>PHIL*+2900</td>
<td>0.50</td>
<td>Business and Professional Ethics</td>
</tr>
<tr>
<td>POLS*+2250</td>
<td>0.50</td>
<td>Public Administration and Governance</td>
</tr>
<tr>
<td>PSYC*+4330</td>
<td>0.50</td>
<td>Industrial/Organizational Psychology</td>
</tr>
<tr>
<td>REAL*+4830</td>
<td>1.00</td>
<td>Real Estate Development Project</td>
</tr>
</tbody>
</table>

Note: not all restricted elective courses identified in this list will necessarily be open to all students in the minor in Project Management. Some courses may have priority access restrictions, or may be limited to students enrolled in the major from which the courses are drawn. In some cases a Course Waiver Request form signed by the instructor may be required in order for students to add these courses to their schedule. Please consult with the department offering the course about possible access. Some courses may also have prerequisites which are identified in course descriptions in the academic calendar.

Public Management (PMGT)
Department of Economics and Finance, Gordon S. Lang School of Business and Economic

The Public Management program is designed to lead to an understanding of public sector administration and management from the “inside” - as an integrated enterprise - as well as from the outside - as a series of policy decisions and outcomes. Characterized by a multi-disciplinary approach employing political, economic and business-oriented analysis, students will confront questions of why politicians and public servants behave the way they do, and how their policy choices and processes can be optimized. Management of public entities features a unique set of challenges that arise from and interact with basic political issues like democracy, accountability, equity, fairness, and justice. At the same time, it necessarily faces concerns common to all organizations, such as efficiency, human and capital resource management, morale, planning, and adaptation to change.

The program will appeal to students interested in the public service, public sector businesses or government relations.

Students enrolled in the PMGT major can choose to complete three of the five required courses for the Certificate in Leadership as part of their requirements for the program if they choose the appropriate restricted electives. If you would like to graduate both with a BComm degree and the Certificate in Leadership you should use two of your free electives to enroll in HROB*+2010 in either semester 3 or 6 and HROB*+4010 in semester 8. In addition to the five degree-credit courses selected from the above list, 120 hours of leadership practice are required to obtain the undergraduate Certificate in Leadership. See http://www.certificates.gsu.ca for information regarding this Certificate and its course requirements.

Degree Requirements (20.00 Total Credits)

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
<th>Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>12.50</td>
<td>Required Core Courses</td>
<td></td>
</tr>
<tr>
<td>4.50</td>
<td>Restricted Electives (from lists)</td>
<td></td>
</tr>
<tr>
<td>0.00</td>
<td>MGMT*+1100 (Business Career Preparation)</td>
<td></td>
</tr>
<tr>
<td>1.50</td>
<td>Liberal Education Electives</td>
<td></td>
</tr>
<tr>
<td>1.50</td>
<td>Free Electives</td>
<td></td>
</tr>
</tbody>
</table>
Major

Semester 1
ECON*1050  [0.50] Introductory Microeconomics
MATH*1030  [0.50] Business Mathematics
MCS*1000  [0.50] Introductory Marketing
MGMT*1000  [1.00] Introduction to Business

Semester 2
ECON*1100  [0.50] Introductory Macroeconomics
HROB*2090  [0.50] Individuals and Groups in Organizations
POLS*2230  [0.50] Public Policy
POLS*2300  [0.50] Canadian Government and Politics
0.50 electives

Semester 3
ACCT*1220  [0.50] Introductory Financial Accounting
ECON*2310  [0.50] Intermediate Microeconomics
ECON*2740  [0.50] Economic Statistics
POLS*3250  [0.50] Public Policy: Challenges and Prospects
One of:
ECON*2100  [0.50] Economic Growth and Environmental Quality
ECON*2650  [0.50] Introductory Development Economics
ECON*2720  [0.50] Business History

Semester 4
ACCT*2230  [0.50] Management Accounting
ECON*2410  [0.50] Intermediate Macroeconomics
MGMT*1100  [0.00] Business Career Preparation
POLS*2250  [0.50] Public Administration and Governance

One of:
PHIL*2120  [0.50] Ethics
PHIL*2600  [0.50] Business and Professional Ethics
PHIL*3040  [0.50] Philosophy of Law *
0.50 electives

* This course may be offered in the fall and can be taken later in the program.

Semester 5
FARE*3310  [0.50] Operations Management
FIN*2000  [0.50] Introduction to Finance
MGMT*3320  [0.50] Financial Management

One of:
MCS*3040  [0.50] Business and Consumer Law
REAL*4840  [0.50] Housing and Real Estate Law
0.50 electives

Semester 6
ECON*3610  [0.50] Public Economics
MCS*2020  [0.50] Information Management

One of:
POLS*3210  [0.50] The Constitution and Canadian Federalism
POLS*3130  [0.50] Law, Politics and Judicial Process
POLS*3270  [0.50] Local Government in Ontario
POLS*3670  [0.50] Comparative Public Policy and Administration
0.50 credits at the 3000 level in Economics
0.50 electives

Semester 7
MGMT*3020  [0.50] Corporate Social Responsibility
POLS*3470  [0.50] Business-Government Relations in Canada

One of **:
POLS*4160  [1.00] Multi-Level Governance in Canada
POLS*4250  [1.00] Topics in Public Management
POLS*4270  [0.50] Advanced Lecture in Public Management
POLS*4970  [0.50] Honours Political Science Research I
0.50 credits at the 3000 or 4000 level in Economics or Political Science
0.50 credits at the 3000 level in Economics
0.50 electives***

Semester 8
ECON*4400  [0.50] Managerial Economics
MGMT*4010  [0.50] Strategic Management

One of **:
POLS*4160  [1.00] Multi-Level Governance in Canada
POLS*4250  [1.00] Topics in Public Management
POLS*4980  [0.50] Honours Political Science Research II
0.50 credits at the 4000 level in Economics

One of:
POLS*3130  [0.50] Law, Politics and Judicial Process
POLS*3210  [0.50] The Constitution and Canadian Federalism
POLS*3270  [0.50] Local Government in Ontario
POLS*3670  [0.50] Comparative Public Policy and Administration

Credit Summary (22.00 Total Credits)*
12.50 - Required Core Courses
4.50 - Restricted Electives (from lists)
1.50 - Liberal Education Electives
1.50 - Free Electives
2.00 Co-op Work Terms

To be eligible to continue in the Co-op program, students must meet a minimum 70% cumulative average requirement after second semester, as well as meet all work term requirements. Please refer to the Co-operative Education program policy with respect to work term performance grading, work term report grading and program completion requirements.

For additional program information students should consult with their Co-op Co-ordinator and Co-op Faculty Advisor, listed on the Co-operative Education web site.

Credit Summary (22.00 Total Credits)*
12.50 - Required Core Courses
4.50 - Restricted Electives (from lists)
1.50 - Liberal Education Electives
1.50 - Free Electives
2.00 Co-op Work Terms

Note: A minimum of four Co-op work terms including a Summer, Fall, and Winter are necessary to complete the Co-op requirement. *A fifth Co-op work term is optional and if completed the total number of credits will equal 22.50.

The recommended program sequence is outlined below.

Major

Semester 1
ECON*1050  [0.50] Introductory Microeconomics
MATH*1030  [0.50] Business Mathematics
MCS*1000  [0.50] Introductory Marketing

Revision:
### Degree Requirements (20.00 Total Credits)

16.00 - Required Core Courses
- 0.50 - Liberal Education Electives
- 2.50 - Free Electives

### Major

#### Semester 1
- ECON*1050 [0.50] Introductory Microeconomics
- REAL*1820 [0.50] Real Estate and Housing
- MGMT*1000 [1.00] Introduction to Business

#### Semester 2
- ACCT*1220 [0.50] Introductory Financial Accounting
- ECON*1100 [0.50] Introductory Macroeconomics
- MCS*1000 [0.50] Introductory Marketing
- MATH*1030 [0.50] Business Mathematics

#### Semester 3
- ACCT*2230 [0.50] Management Accounting
- ECON*2410 [0.50] Intermediate Macroeconomics
- FARE*3310 [0.50] Operations Management

#### Semester 4 - Winter
- ECON*2650 [0.50] Introductory Development Economics
- ECON*2720 [0.50] Business History
- REAL*4820 [0.50] Real Estate Appraisal
- REAL*4840 [0.50] Housing and Real Estate Law

#### Semester 5 - Winter
- ACCT*3400 [0.50] Advanced Accounting
- FIN*4200 [0.50] Corporate Finance
- STAT*3060 [0.50] Statistical Analysis

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### X. Degree Programs, Bachelor of Commerce (B.Com.)

### Real Estate and Housing (REH)

#### Department of Marketing and Consumer Studies, Gordon S. Lang School of Business and Economics

The Real Estate and Housing major in the B.Comm. program is one of only a few undergraduate programs in Canada that specialize in the real estate sector. It takes a multi-disciplinary approach to the study of residential and commercial/investment real estate. Topics such as the development, financing, valuation, market analysis and management of real estate are taught in the context of economic, legal, political and social factors affecting this large and growing field of business in Canada and the world.

The purpose of this major is to develop the conceptual, analytical and management skills required for careers in real estate and housing. Students graduate with a degree that can lead to a variety of professional positions in the private or public sectors of the Canadian real estate industry or they can continue on to graduate work in business, planning or the social sciences.

Elective options enable students to select courses which support or complement their primary field of study. Examples: (1) students can use Liberal Education and free electives to earn the Certificate in Leadership. See [http://www.leadershipcertificate.com/](http://www.leadershipcertificate.com/) for information regarding this Certificate and its course requirements; (2) students interested in languages and/or going on exchange can use their Liberal Education and free electives to study one or more of the various languages taught at the University. (3) Students interested in obtaining their Accredited Appraiser Canadian Institute (AACI) designation should consider taking some of the additional 4 required courses through University of British Columbia distance education by letter of permission to count as electives in their degree, once they have completed REAL*4820.

Students may consult the REH Faculty Advisor or B.Comm. Program Counsellor for additional information.
## Real Estate and Housing (Co-op) (REH:C)

The Real Estate and Housing major in the B.Comm. program is one of only a few undergraduate programs in Canada that specialize in the real estate sector. It takes a multi-disciplinary approach to the study of residential and commercial/investment real estate.

The purpose of this major is to develop the conceptual, analytical and management skills required for careers in real estate and housing. Students graduate with a degree that can lead to a variety of professional positions in the private or public sectors of the Canadian real estate industry or they can continue on to graduate work in business, planning or the social sciences.

Elective options enable students to select courses which support or complement their primary field of study. Examples: (1) students can use Liberal Education and free electives to earn the Certificate in Leadership. See http://www.leadershipcertificate.com/ for information regarding this Certificate and its course requirements; (2) students interested in languages and/or going on exchange can use their Liberal Education and free electives to study one or more of the various languages taught at the University. (3) Students interested in obtaining their Accredited Appraiser Canadian Institute (AACI) designation should consider taking some of the additional four required courses through University of British Columbia distance education by letter of permission to count as electives in their degree, once they have completed REAL*4820.

### Program Requirements

The Co-op program in Real Estate and Housing is a five year program, including five work terms. Students must complete a Fall, Winter and Summer work term and must follow the academic work schedule as outlined below (also found on the Co-operative Education website: https://www.recruitguelph.ca/cecs/). Please refer to the Co-operative Education program policy with respect to adjusting this schedule.

### Real Estate and Housing Academic and Co-op Work Term Schedule

<table>
<thead>
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<th>Year</th>
<th>Fall</th>
<th>Winter</th>
<th>Summer</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Academic Semester 1</td>
<td>Academic Semester 2</td>
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</tr>
<tr>
<td>2</td>
<td>Academic Semester 3</td>
<td>Academic Semester 4</td>
<td>COOP*1000 Work Term 1</td>
</tr>
<tr>
<td>3</td>
<td>COOP*2000 Work Term II</td>
<td>Academic Semester 5</td>
<td>COOP*3000 Work Term III</td>
</tr>
<tr>
<td>4</td>
<td>Academic Semester 6</td>
<td>COOP*4000 Work Term V</td>
<td>COOP*5000 Work Term V</td>
</tr>
<tr>
<td>5</td>
<td>Academic Semester 7</td>
<td>Academic Semester 8</td>
<td>N/A</td>
</tr>
</tbody>
</table>

To be eligible to continue in the Co-op program, students must meet a minimum 70% cumulative average requirement after second semester, as well as meet all work term requirements. Please refer to the Co-operative Education program policy with respect to work term performance grading, work term report grading and program completion requirements.

For additional program information students should consult with their Co-op Co-ordinator and Co-op Faculty Advisor, listed on the Co-operative Education web site.

### Credit Summary (22.00 Total Credits)

16.00 - Required Core Courses
1.50 - Liberal Education Electives
2.50 - Free Electives
2.00 Co-op Work Terms
The objective of the Sport and Event Management major is to provide students with advanced knowledge of the field, from the business value of sport and events to their contribution to community and society, and to inspire and engage students to become innovative leaders in this dynamic sector of our economy. Building on a strong foundation of commerce courses in marketing, accounting, economics, human resource management and strategy, students in Sport and Event Management will develop depth of knowledge in key aspects of sport, including sponsorship, media, event hosting, stakeholder engagement and organizational leadership.

Courses extend beyond the traditional lecture-based format to include community based project groups, guest lecturers, in-class simulations and case-based learning to help link academic expertise and theory with industry practice. An integral part of the program is experiential learning to balance theory with practice. Experiential courses are embedded in the curriculum, and students are also encouraged to participate in guided learning opportunities outside the conventional classroom through independent study courses, study abroad, and industry networking events. On completion of the program, students have the analytical and communication skills and experience required for a career with government organizations, commercial clubs, professional teams or sport businesses, in Canada and internationally. Graduates are prepared for positions in sport promotion and marketing, facility and event management, sport media and communication, and sport policy development.

Additional information:
- 1200 hours of verified work experience in sport and event related industry is required for students to be eligible for graduation.
- 700 hours of sport and event related work experience must be completed before a student enrolls in HTM*4080.

**Degree Requirements (20.00 Total Credits)**

15.00 - Required Core Courses

1.50 - Restricted Electives

0.00 – MGMT*1100 (Business Career Preparation)

1.50 - Liberal Education Electives

2.00 - Free Electives

The recommended program sequence is outlined below.

### Major

#### Semester 1

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ACCT*1220</td>
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</tr>
<tr>
<td>ECON*1050</td>
<td>0.50</td>
</tr>
<tr>
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</tr>
<tr>
<td>MGMT*1000</td>
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#### Semester 2

<table>
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<td>ECON*1100</td>
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<td>HROB*2090</td>
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#### Semester 3

<table>
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<tr>
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</thead>
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#### Semester 4

<table>
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</thead>
<tbody>
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<td>FIN*2000</td>
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<tr>
<td>HTM*2070</td>
<td>0.50</td>
</tr>
<tr>
<td>HTM*3220</td>
<td>0.50</td>
</tr>
<tr>
<td>MCS*3030</td>
<td>0.50</td>
</tr>
<tr>
<td>MGMT*1100</td>
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</table>

#### Semester 5

<table>
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</thead>
<tbody>
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<tr>
<td>HTM*3120</td>
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<td>HTM*3160</td>
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<td>MGMT*3140</td>
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#### Semester 6

<table>
<thead>
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</thead>
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<td>HROB*2290</td>
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<tr>
<td>MCS*3040</td>
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<tr>
<td>MGMT*3020</td>
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<td>MGMT*3320</td>
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#### Semester 7

<table>
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<tbody>
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<td>HTM*4080</td>
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#### Semester 8

<table>
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<td>HTM*4020</td>
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<tr>
<td>HTM*4250</td>
<td>1.50</td>
</tr>
</tbody>
</table>

#### Restricted Electives for the Sport and Event Management Major

In addition to the required credits listed above, students must take a minimum of 1.50 credits in restricted electives. Restricted electives are listed below:

- HTM*2020 (0.50) The Business of Sport and Event Tourism
- HTM*2070 (0.50) Event Management
- HTM*2220 (0.50) Communication and Media Strategy in Sport and Events
- HTM*3220 (0.50) Sales, Sponsorship and Stakeholder Engagement in Sport
- MCS*1000 (0.50) Introductory Marketing
- 0.50 additional credits from Ethics
- MGMT*3020 (0.50) Corporate Social Responsibility
- PHIL*2120 (0.50) Ethics
- PHIL*2600 (0.50) Business and Professional Ethics
- POLS*3440 (0.50) Corruption, Scandal and Political Ethics

#### Minor (Honours Program)

A minimum of 5.00 credits is required including:

- HTM*2020 (0.50) The Business of Sport and Event Tourism
- HTM*2070 (0.50) Event Management
- HTM*2220 (0.50) Communication and Media Strategy in Sport and Events
- HTM*3220 (0.50) Sales, Sponsorship and Stakeholder Engagement in Sport
- MCS*1000 (0.50) Introductory Marketing
- 0.50 additional credits from Ethics
- MGMT*3020 (0.50) Corporate Social Responsibility
- PHIL*2120 (0.50) Ethics
- PHIL*2600 (0.50) Business and Professional Ethics
- POLS*3440 (0.50) Corruption, Scandal and Political Ethics

### Sport and Event Management (Co-op) (SPMT:C)

**School of Hospitality, Food & Tourism Management, Gordon S. Lang School of Business and Economics**

The objective of the Sport and Event Management major is to provide students with advanced knowledge of the field, from the business value of sport and events to their contribution to community and society, and to inspire and engage students to become innovative leaders in this dynamic sector of our economy. Building on a strong foundation of commerce courses in marketing, accounting, economics, human resource management and strategy, students in Sport and Event Management will develop depth of knowledge in key aspects of sport, including sponsorship, media, event hosting, stakeholder engagement and organizational leadership.
Introduction to Finance
Sustainability and Social Responsibility
Co-op Work Term IV

Foundations of Leadership
Management Accounting
Individuals and Groups in Organizations
Introduction to Business
Event Management
Co-op Work Term II

Recreation and Tourism Planning
Experiential Learning and Leadership in the Service Industry
Hockey in Canadian History
Statistics for Business Decisions
Co-op Work Term III

Introduction to Canadian Business Management
Business Mathematics

Semester 5 - Winter
HROB*2290 [0.50] Human Resources Management
HTM*3120 [0.50] Service Operations Analysis
MCS*3040 [0.50] Business and Consumer Law
1.00 electives

Semester 6 - Summer
MGMT*3020 [0.50] Corporate Social Responsibility
MGMT*3140 [0.50] Business Analytics
MGMT*3320 [0.50] Financial Management
1.00 electives

Fall Semester
COOP*3000 [0.50] Co-op Work Term III

Winter Semester
COOP*4000 [0.50] Co-op Work Term IV

Semester 7
HTM*3020 [0.50] The Impact of Business on Sport Industry
HTM*3160 [0.50] Destination Management and Marketing
HTM*4080 [0.50] Experiential Learning and Leadership in the Service Industry
HTM*4090 [0.50] Hospitality Development, Design and Sustainability
0.50 electives

Semester 8
HTM*4020 [0.50] Advanced Concepts in Sport and Event Management
HTM*4250 [0.50] Hospitality Revenue Management
MGMT*4000 [0.50] Strategic Management
1.00 electives

Restricted Electives for the Sport and Event Management Major
In addition to the required credits listed above, students must take a minimum of 1.50 credits in restricted electives. Restricted electives are listed below:
EDRD*3160 [0.50] International Communication
EDRD*3500 [0.50] Recreation and Tourism Planning
HIST*2130 [0.50] Modern Sport – A Global History
HIST*2280 [0.50] Hockey in Canadian History
HROB*2010 [0.50] Foundations of Leadership
HROB*3090 [0.50] Training and Development
HROB*3100 [0.50] Developing Management and Leadership Competencies
MCS*2600 [0.50] Fundamentals of Consumer Behaviour
MCS*3400 [0.50] Marketing and Society
PSYC*3480 [0.50] Psychology of Sport

Sustainable Business (SB)
Department of Management, Gordon S. Lang School of Business and Economics

One of:
• Sustainability and Social Responsibility
• Global Citizenship and Sustainability Issues
• Cultural Diversity

Minor (Honours Program)
A minimum of 5.00 credits is required including:

Required courses (2.50 credits):
MGMT*3020 [0.50] Corporate Social Responsibility
UNIV*2200 [0.50] Towards Sustainability
One of:
ACCT*2230 [0.50] Management Accounting
MGMT*1000 [1.00] Introduction to Business
MGMT*2150 [0.50] Introduction to Canadian Business Management

One of:
PHIL*2120 [0.50] Ethics
PHIL*2600 [0.50] Business and Professional Ethics
One of:

Course Schedule

<table>
<thead>
<tr>
<th>Year</th>
<th>Fall</th>
<th>Winter</th>
<th>Summer</th>
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<tbody>
<tr>
<td>1</td>
<td>Academic Semester 1</td>
<td>Academic Semester 2</td>
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<td>2</td>
<td>Academic Semester 3</td>
<td>Academic Semester 4</td>
<td>COOP*1000 Work Term 1</td>
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<td>3</td>
<td>COOP*2000 Work Term II</td>
<td>Academic Semester 5</td>
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<td>4</td>
<td>COOP*3000 Work Term III</td>
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<tr>
<td>5</td>
<td>Academic Semester 7</td>
<td>Academic Semester 8</td>
<td>N/A</td>
</tr>
</tbody>
</table>

Applications for co-op are made directly to the Co-op Office. The program director advises on course selection. The recommended work term schedule is four work terms. Students must complete a Fall, Winter and Summer work term, and must follow the academic work schedule as outlined below (also found on the Co-operative Education website: https://www.recruitguelph.ca/cecs/). Please refer to the Co-operative Education program policy with respect to adjusting this schedule.

Sport and Event Management Academic and Co-op Work Term Schedule

Graduates are prepared for positions in sport promotion and marketing, facility and event management, sport media and communication, and sport policy development.

Program Requirements

Students are required to achieve a minimum cumulative average of 70% and to pass all work term requirements. Please refer to the Co-operative Education program policy with respect to work term performance grading, work term report grading and program completion requirements.

Degree Requirements (22.00 Total Credits)

15.00 - Required Core Courses
1.50 - Restricted Electives
1.50 - Liberal Education Electives
2.00 - FreeElectives
2.00 - Co-op credits

Major

Semester 1 - Fall
ACCT*1220 [0.50] Introductory Financial Accounting
ECON*1050 [0.50] Introductory Microeconomics
MCS*1000 [0.50] Introductory Marketing
MGMT*1000 [1.00] Introduction to Business

Semester 2 - Winter
ECON*1100 [0.50] Introductory Macroeconomics
HROB*2090 [0.50] Individuals and Groups in Organizations
HTM*2020 [0.50] The Business of Sport and Event Tourism
MATH*1030 [0.50] Business Mathematics
0.50 electives

Semester 3 - Fall
ACCT*2230 [0.50] Management Accounting
COOP*1100 [0.50] Introduction to Co-operative Education
HTM*2220 [0.50] Communication and Media Strategy in Sport and Events
MCS*2020 [0.50] Information Management
STAT*2060 [0.50] Statistics for Business Decisions
0.50 electives

Semester 4 - Winter
FIN*2000 [0.50] Introduction to Finance
HTM*2070 [0.50] Event Management
HTM*3220 [0.50] Sales, Sponsorship and Stakeholder Engagement in Sport
MCS*3030 [0.50] Research Methods
0.50 electives

Summer Semester
COOP*1000 [0.50] Co-op Work Term I

Fall Semester
COOP*2000 [0.50] Co-op Work Term II

Revision.
### Required Subjects

- **SOAN*2290** [0.50] Identities and Cultural Diversity
- **SOAN*3240** [0.50] Gender & Global Inequality I
- **SOC*2390** [0.50] Class and Stratification

#### Restricted Electives (2.50 credits)

- **ANTH*2660** [0.50] Contemporary Indigenous Peoples in Canada
- **ECON*2100** [0.50] Economic Growth and Environmental Quality
- **ECON*2650** [0.50] Introductory Development Economics
- **ECON*3500** [0.50] Urban Economics
- **EDRD*3400** [0.50] Sustainable Communities
- **EDRD*4010** [0.50] Tourism Planning in the Less Developed World
- **ENGG*1220** [0.50] Human Impact on the Environment
- **ENGG*2210** [0.50] Environment and Resources
- **ENGG*3320** [0.50] Food Systems: Issues in Security and Sustainability
- **ENGG*3490** [0.50] Food Systems: Issues in Security and Sustainability
- **ENVS*2070** [0.50] Environmental Perspectives and Choice
- **ENVS*2120** [0.50] Introduction to Environmental Stewardship
- **ENVS*2270** [0.50] Impacts of Climate Change
- **FARE*1300** [0.50] Poverty, Food & Hunger
- **FARE*3250** [0.50] Food and International Development
- **FARE*4210** [0.50] World Agriculture, Food Security and Economic Development
- **GEOG*1220** [0.50] Human Impact on the Environment
- **GEOG*2210** [0.50] Environment and Resources
- **GEOG*3020** [0.50] Global Environmental Change
- **GEOG*3320** [0.50] Food Systems: Issues in Security and Sustainability
- **GEOG*3490** [0.50] Food Systems: Issues in Security and Sustainability
- **HTM*4090** [0.50] Hospitality Development, Design and Sustainability
- **IDEV*1000** [0.50] Understanding Development and Global Inequalities
- **IDEV*3000** [0.50] Poverty and Inequality
- **PHIL*2200** [0.50] Philosophy of the Environment
- **PHIL*2250** [0.50] Public Administration and Governance
- **POLS*3330** [0.50] Environmental Politics and Governance
- **PSYC*3300** [0.50] Psychology of Gender
- **REAL*4870** [0.50] Sustainable Real Estate
- **SOAN*3040** [0.50] Globalization of Work and Organizations
- **SOAN*4500** [0.50] Community Development
- **SOC*3380** [0.50] Society and Nature
- **UNIV*2410** [0.50] Engaged Global Citizenship
- **UNIV*4410** [0.50] Civic Engagement with Communities

### Note

Not all restricted elective courses identified in this list will necessarily be open to all students in the minor in Sustainable Business. Some courses may have priority access restrictions, or may be limited to students enrolled in the major from which the courses are drawn. In some cases a Course Waiver Request form signed by the instructor may be required in order for students to add these courses to their schedule. Please consult with the department offering the course about possible access. Some courses may also have prerequisites which are identified in course descriptions in the academic calendar.