

# HONOURS BACHELOR OF COMMERCE (OPTION IN FINANCE) AND MASTER OF SCIENCE IN MANAGEMENT

## Overview

### Honours Bachelor of Commerce (Option in Finance)

This program is designed to equip students with the necessary financial tools for a career in either the corporate sector or investment. The theory and practice of financial management are combined with a comprehensive presentation of the financial instruments issued by corporations and modern valuation techniques. Students can extend their financial knowledge by focusing on derivative markets, and specialized topics in corporate and international finance.

This program is offered in English and in French.

### Master of Science Management (Research Project)

This exciting integrated accelerated bachelor's/master's program allows students to earn two degrees in five years. Designed for students with a strong academic record and a keen interest in conducting business research, this integrated program enables select undergraduate students to get a jump-start in their project-based master's program by completing two graduate courses during their last year of the undergraduate degree, and starting their research project in a familiar environment over the summer bridge term between the bachelor's and master's programs. This integrated program focuses on empowering students to develop their business acumen and research skills in a specialized field of study, and to contribute towards smarter decisions about policy and practice in creating a better Canada.

This program is offered in English only.

For further information on this Dual Fast-track Degree, please communicate with the Student Services Centre via [undergraduate@telfer.uOttawa.ca](mailto:undergraduate@telfer.uOttawa.ca).

## Program Requirements

### Honours Bachelor of Commerce (Option in Finance)

Co-operative education is available with this program.

The French immersion stream is available with the Honours Bachelor of Commerce. The MSc in Management program is offered in English only.

#### Compulsory courses at the 1000 level

|          |                          |         |
|----------|--------------------------|---------|
| ADM 1300 | Introduction to Business | 3 Units |
| ADM 1301 | Business and Society     | 3 Units |
| ADM 1305 | Mathematics for Business | 3 Units |
| ADM 1340 | Financial Accounting     | 3 Units |

|          |   |         |
|----------|---|---------|
| ADM 1370 | Applications of Information Technology for Business | 3 Units |
| ECO 1102 | Introduction to Macroeconomics                      | 3 Units |
| ECO 1104 | Introduction to Microeconomics                      | 3 Units |
| ENG 1131 | Effective Business English                          | 3 Units |

#### Compulsory courses at the 2000 level

|          |   |         |
|----------|---|---------|
| ADM 2302 | Business Analytics                              | 3 Units |
| ADM 2303 | Statistics for Management                       | 3 Units |
| ADM 2304 | Applications of Statistical Methods in Business | 3 Units |
| ADM 2320 | Marketing                                       | 3 Units |
| ADM 2336 | Organizational Behaviour                        | 3 Units |
| ADM 2337 | Human Resource Management                       | 3 Units |
| ADM 2341 | Managerial Accounting                           | 3 Units |
| ADM 2350 | Financial Management                            | 3 Units |
| ADM 2372 | Management Information Systems                  | 3 Units |
| ADM 2381 | Business Communication Skills                   | 3 Units |

#### Compulsory courses at the 3000 level

|          |                        |         |
|----------|------------------------|---------|
| ADM 3301 | Operations Management  | 3 Units |
| ADM 3318 | International Business | 3 Units |

#### Compulsory courses at the 4000 level

|          |                      |         |
|----------|----------------------|---------|
| ADM 4311 | Strategic Management | 3 Units |
|----------|----------------------|---------|

#### Optional courses

|   |         |
|---|---------|
| 9 optional course units in administration (ADM) | 9 Units |
|---|---------|

#### Electives

|  |          |
|--|----------|
| 15 elective course units from another faculty <sup>1</sup> | 15 Units |
| 15 elective course units                                   | 15 Units |

|               |                  |
|---------------|------------------|
| <b>Total:</b> | <b>102 Units</b> |
|---------------|------------------|

Note(s)

1

A maximum of 6 course units at the 1000 level can count towards this requirement.

#### Finance Option Courses

|                      |   |         |
|----------------------|---|---------|
| ADM 2352             | Finance Theory                            | 3 Units |
| ADM 3350             | Corporate Finance                         | 3 Units |
| ADM 4350             | Equity Valuation                          | 3 Units |
| ADM 4355             | Finance, Ethics and Social Responsibility | 3 Units |
| 6 course units from: |   | 6 Units |

|          |   |
|----------|---|
| ADM 3351 | Fixed Income Investments                    |
| ADM 3352 | Portfolio Management                        |
| ADM 3354 | Financial Modeling                          |
| ADM 3355 | Fintech                                     |
| ADM 4351 | Options and Futures                         |
| ADM 4352 | Advanced Corporate Finance                  |
| ADM 4354 | International Financial Management          |
| ADM 4356 | Alternative Investments and Risk Management |
| ADM 4358 | Mergers and Acquisitions                    |

|               |                 |
|---------------|-----------------|
| <b>Total:</b> | <b>18 Units</b> |
|---------------|-----------------|

# Master of Science in Management (Research Project)

## Compulsory Courses

|          |                                      |         |
|----------|--------------------------------------|---------|
| MGT 5200 | Foundations for Quantitative Methods | 3 Units |
| MGT 5300 | Foundations of Management            | 3 Units |

## Concentration Courses

|   |          |
|---|----------|
| 18 course units from the chosen concentration | 18 Units |
|---|----------|

## Seminar

|          |   |  |
|----------|---|--|
| MGT 6191 | Management Research Seminar Series <sup>1</sup> |  |
|----------|---|--|

## Research Project

|          |                        |         |
|----------|------------------------|---------|
| MGT 6997 | M.Sc. Research Project | 6 Units |
|----------|------------------------|---------|

|               |                 |
|---------------|-----------------|
| <b>Total:</b> | <b>30 Units</b> |
|---------------|-----------------|

## MSc list of concentrations

### Business Analytics

|                      |                                       |         |
|----------------------|---------------------------------------|---------|
| MGT 5101             | Multivariate Research Methods         | 3 Units |
| MGT 5301             | Predictive analytics                  | 3 Units |
| MGT 5302             | Decision analytics                    | 3 Units |
| MGT 5303             | Management analytics and case studies | 3 Units |
| 6 course units from: |                                       | 6 Units |

MGT 7108 Optimization and Modeling <sup>2</sup>

Elective course from another concentration

### Marketing & Behavioral Science

|                      |   |         |
|----------------------|---|---------|
| MGT 5100             | Research Design Methodologies and the Conduct of Research | 3 Units |
| MGT 5304             | Generating marketing Insights                             | 3 Units |
| MGT 5305             | Behavioural insights and interventions                    | 3 Units |
| 3 course units from: |   | 3 Units |

MGT 5101 Multivariate Research Methods

MGT 5102 Qualitative Research Methods

|                      |         |
|----------------------|---------|
| 3 course units from: | 3 Units |
|----------------------|---------|

MGT 5301 Predictive analytics

MGT 5306 Recent topics in marketing

|                      |         |
|----------------------|---------|
| 3 course units from: | 3 Units |
|----------------------|---------|

MGT 5101 Multivariate Research Methods

MGT 5102 Qualitative Research Methods

Elective course from another concentration or another faculty

### Entrepreneurship

|          |   |         |
|----------|---|---------|
| MGT 5100 | Research Design Methodologies and the Conduct of Research | 3 Units |
| MGT 6110 | Entrepreneurial Process and Opportunity Recognition       | 3 Units |

|                      |         |
|----------------------|---------|
| 3 course units from: | 3 Units |
|----------------------|---------|

MGT 5101 Multivariate Research Methods

MGT 5102 Qualitative Research Methods

|                      |         |
|----------------------|---------|
| 9 course units from: | 9 Units |
|----------------------|---------|

MGT 6112 Social Entrepreneurship and Innovation

MGT 6190 Research Topics in Management

MGT 8104 Theoretical Entrepreneurship Research

One of the Innovation Management concentration courses

### Innovation Management

|          |   |         |
|----------|---|---------|
| MGT 5100 | Research Design Methodologies and the Conduct of Research | 3 Units |
|----------|---|---------|

|          |                                    |  |
|----------|------------------------------------|--|
| MGT 6191 | Management Research Seminar Series |  |
|----------|------------------------------------|--|

|                      |         |
|----------------------|---------|
| 3 course units from: | 3 Units |
|----------------------|---------|

MGT 5101 Multivariate Research Methods

MGT 5102 Qualitative Research Methods

|                      |         |
|----------------------|---------|
| 9 course units from: | 9 Units |
|----------------------|---------|

MGT 6112 Social Entrepreneurship and Innovation

MGT 6160 Systems of Innovation

MGT 6169 Recent Topics in Innovation Management

One of the Entrepreneurship concentration courses

### Finance

|          |                                     |         |
|----------|-------------------------------------|---------|
| MGT 6120 | Investment and Portfolio Management | 3 Units |
|----------|-------------------------------------|---------|

|          |         |         |
|----------|---------|---------|
| MGT 8107 | Finance | 3 Units |
|----------|---------|---------|

|                       |          |
|-----------------------|----------|
| 12 course units from: | 12 Units |
|-----------------------|----------|

MGT 5101 Multivariate Research Methods

MGT 6102 Financial Risk Management and Derivative Securities

MGT 6111 Venture Capital and Private Equity

MGT 6121 Application of Empirical Methods in Finance

MGT 6122 Advanced Corporate Finance and Empirical Methods

### Accounting

|          |   |         |
|----------|---|---------|
| MGT 5100 | Research Design Methodologies and the Conduct of Research | 3 Units |
|----------|---|---------|

|          |                              |         |
|----------|------------------------------|---------|
| MGT 5102 | Qualitative Research Methods | 3 Units |
|----------|------------------------------|---------|

|          |   |         |
|----------|---|---------|
| MGT 6126 | Introduction to Qualitative and Experimental Research in Accounting | 3 Units |
|----------|---|---------|

|          |                                       |         |
|----------|---------------------------------------|---------|
| MGT 6127 | Sustainability Accounting and Control | 3 Units |
|----------|---------------------------------------|---------|

|          |  |         |
|----------|--|---------|
| MGT 6128 | Introduction to Accounting Research: Special Topics and New Developments | 3 Units |
|----------|--|---------|

|          |                                    |         |
|----------|------------------------------------|---------|
| MGT 8101 | Financial Accounting and Reporting | 3 Units |
|----------|------------------------------------|---------|

### Organizational Behaviour and Human Resources

|          |   |         |
|----------|---|---------|
| MGT 5100 | Research Design Methodologies and the Conduct of Research | 3 Units |
|----------|---|---------|

|          |                                   |         |
|----------|-----------------------------------|---------|
| MGT 6130 | Evidence-Based HROB Interventions | 3 Units |
|----------|-----------------------------------|---------|

|          |                        |         |
|----------|------------------------|---------|
| MGT 6131 | Current Trends in HROB | 3 Units |
|----------|------------------------|---------|

|          |  |         |
|----------|--|---------|
| MGT 8113 | Fundamentals of Human Resources Management | 3 Units |
|----------|--|---------|

|                      |         |
|----------------------|---------|
| 3 course units from: | 3 Units |
|----------------------|---------|

MGT 5101 Multivariate Research Methods

MGT 5102 Qualitative Research Methods

|   |         |
|---|---------|
| Elective course from another concentration <sup>3</sup> | 3 Units |
|---|---------|

### Note(s)

<sup>1</sup>

Students must attend at least 4 seminars during their studies.

<sup>2</sup>

MGT 7108 can be replace by an elective course from another concentration or another faculty.

This requirement may be fulfilled by MGT 5101, MGT 5102 or a course in another concentration or another faculty.

## **Specific requirements for the master's program**

### **Research Project**

The Research Project (RP) is a capstone program component that requires students to conduct applied research with a partnering organization or as part of a Telfer faculty member's on-going research project. Students must show the ability to work independently (analysis and report writing) and apply knowledge gained in the MSc seminars to a well-defined practical problem. It is not required that the RP makes an original contribution to scholarly literature. Students are discouraged from collecting primary (original) data from human participants given the time taken to receive ethics approval and the short time frame given to complete the RP (3-4 months).

The RP can be theoretical, such as a literature review in which the student demonstrates how the existing academic literature can provide practical insight into a specific problem. It can also be empirical by using primary data (previously collected by a supervising faculty member) or secondary data (e.g., publicly accessible databases; results reported in published or unpublished research papers) to answer relatively simple research questions. Examples could be a replication of previously published research and a focused meta-analysis. Given the program's focus on facilitating evidence-based practice, the RP's central aim is giving students the opportunity to use their advanced research skills for informing practice within one organization or several organizations dealing with the same problem.

RP topics must be approved by the Telfer faculty member(s) responsible for coordinating RPs in the students' concentration. The completed RPs will be evaluated (pass/fail) by the same faculty member(s).

### **Co-op Option**

The co-op option is only available to students enrolled in the the research project option.

Co-op students must enroll full-time and complete two work terms:

- ADM 6001
- ADM 6002

### **Management Research Seminar Series**

Students must enroll continuously in Management Research Seminar Series (MGT 6191) from the beginning of their program and must attend at least four seminars in the series if they are in the one-year or CO-OP project-based options, and at least six seminars in the series if they are in the two-year thesis-based option. The notation "CTN" (for continuing activity) will be entered for each term until successful completion of the seminar requirements. The program director will confirm attendance and active participation.

### **Duration of Program**

The one-year with Research Project option can be completed in three terms or approximately 12 months. The maximum time allowed for completion of this option is two years.

The CO-OP with Research Project option can be completed in either five or six terms (approximately 20 or 24 months). Students preferring to

complete this option in five terms are encouraged to take more than two courses during the first winter term. Also, completion within five terms requires that students get approval for their project's topic and scope by the end of the second fall term. The maximum time allowed for completion of this option is four years.

The two-year with thesis option can be completed in six terms or approximately 24 months but can also be more quickly. The maximum time allowed for completion of this option is four years.