

# HONOURS BACHELOR OF COMMERCE (OPTION IN BUSINESS TECHNOLOGY MANAGEMENT)

The Business Technology Management program (BTM) is designed to allow students to develop core competencies and skill sets in management information systems and analytics. This option exposes students to business systems and management principles, and provides a sound knowledge of information technology and its application to the business environment. It prepares students to become recognized information systems professionals with solid foundations in information systems management. Students gain knowledge and core competencies in best management practices and recent developments in information technology.

The option is recommended for students seeking a career as information systems professionals, including as a business/systems analyst, system developer, IT project manager, security specialist, IT consultant, network administrator, database administrator, systems auditor or management consultant specializing in management information systems.

This program is offered in English and in French.

## Bachelor of Commerce and Master of Science Management (Research Project) Pathway

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.

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) (<http://catalogue.uottawa.ca/en/undergrad/honours-bachelor-commerce-option-business-technology-management/undergraduate@telfer.uottawa.ca>).

## Program Requirements

Co-operative education is available with this program.

The French immersion stream is available with this program.

Requirements for this program have been modified. Please consult the 2021-2022 calendars (<http://catalogue.uottawa.ca/en/archives/>) for the previous requirements.

## Compulsory Core Courses

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
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
ADM 3301	Operations Management	3 Units
ADM 3318	International Business	3 Units
ADM 4311	Strategic Management	3 Units
Total:		63 Units

## Business Technology Management Option

ADM 3308	Business Data Mining	3 Units
ADM 3378	Emerging Topics in Management Information Systems	3 Units
ADM 3379	Systems Analysis, Development, and Performance	3 Units
ADM 4377	Digital Enterprise Systems and Strategies	3 Units
6 optional course units from:		6 Units
ADM 3305	Business Simulation Analytics	
ADM 4307	Business Forecasting Analytics	
ADM 4378	Business Communications Networks	
ADM 4379	Management and Implementation of Web Technologies in Organizations	
Total:		18 Units

## Elective Courses Options

9 optional course units in administration (ADM) <sup>1</sup>	9 Units
15 elective course units from another faculty	15 Units
15 elective course units	15 Units
<b>or</b>	
one additional option (18 course units) from the list of additional options below	18 Units
15 elective course units from another faculty	15 Units
6 elective course units	6 Units
<b>or</b>	
9 optional course units in administration (ADM) <sup>1</sup>	9 Units

one additional minor (30 course units)	30 Units
<b>Total:</b>	<b>39 Units</b>

Note(s)

<sup>1</sup> ADM 4326 (<https://catalogue.uottawa.ca/search/?P=ADM%204326>), ADM 4328 (<https://catalogue.uottawa.ca/search/?P=ADM%204328>) or ADM 4329 (<https://catalogue.uottawa.ca/search/?P=ADM%204329>) are recommended as part of your elective course units in administration (ADM).

Note(s)

<sup>1</sup> ITI 1121 and SEG 2105 are strongly recommended.  
<sup>2</sup> At most 6 elective course units can be at the 1000 level.

## List of Additional Options

### Accounting Option

ADM 2342	Intermediate Accounting I	3 Units
ADM 3340	Intermediate Accounting II	3 Units
ADM 3345	Taxation I	3 Units
ADM 3346	Cost Accounting	3 Units
6 course units from:		6 Units
	ADM 3349 Auditing Theory	
	ADM 3350 Corporate Finance	
	ADM 3360 Business Law	
	ADM 4340 Cases Studies in Accounting	
	ADM 4341 Advanced Auditing	
	ADM 4343 Data Analytics in Accounting	
	ADM 4344 Taxation II	
	ADM 4345 Management Control Systems	
	ADM 4346 Auditing in a digital environment	
	ADM 4348 Special Topics in Financial Accounting	
	ADM 4349 Advanced Accounting	
<b>Total:</b>		<b>18 Units</b>

### Finance Option

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>

## Healthcare Analytics Option

ADM 3363	Healthcare Informatics for Managers	3 Units
ADM 4307	Business Forecasting Analytics	3 Units
ADM 4363	Business Optimization Analytics	3 Units
ADM 4964	Application of Business Analytics	3 Units
6 optional course units from:		6 Units
	ADM 3305 Business Simulation Analytics	
	ADM 3308 Business Data Mining	
	BIO 4158 Applied Biostatistics	
	ECO 3125 Introduction to Health Economics	
	HSS 3101 Health Research: Quantitative and Qualitative Approaches	
	HSS 4303 Epidemiology	
<b>Total:</b>		<b>18 Units</b>

## Human Resources Management Option

ADM 3333	Staffing Organizations	3 Units
ADM 3334	Industrial Relations	3 Units
ADM 3337	Compensation Administration	3 Units
ADM 4336	Occupational Health and Safety	3 Units
ADM 4338	International Training and Development for Sustainability	3 Units
ADM 4339	Strategic Human Resources Planning	3 Units
<b>Total:</b>		<b>18 Units</b>

Note(s)

Please note that all of the HR option courses have been accredited by the HRPAO as contributing academic credits toward the CHRP designation.

## International Management Option

Amongst the 15 course units from another faculty, students must complete 6 course units from a third language and/or related culture course. Please consult the list of language or culture courses (<http://www.telfer.uottawa.ca/bcom/en/your-program-of-study/program-options/international-management/>) available.

ADM 3319	Cross-Cultural Management	3 Units
ADM 4318	Multinational Business Policy	3 Units
12 course units from:		12 Units
	ADM 3317 The Global Context of Business: Merchants, Traders, Capitalists and Profit Seekers	
	ADM 3358 Multinational Business Finance	
	ADM 4319 Strategic Management in Developing and Emerging Economies	
	ADM 4328 International Marketing	
	ADM 4338 International Training and Development for Sustainability	
	Third language course (other than English or French) *	
<b>Total:</b>		<b>18 Units</b>

Note(s)

\* No culture courses are allowed for this requirement.

### **Mandatory Requirement: International Exchange**

Students in the International Management option must complete at least 12 of the 120-unit program requirements abroad as part of an international exchange with one of the international partner institutions of the Telfer School of Management. At least one and at most two full-time semester(s) of study abroad (minimum 12 units per semester abroad) must be completed. During the exchange, students must take business courses or third language courses. The normal load of an international exchange study session is 15 units.

Units completed as part of the international exchange session(s) may count towards partial or complete fulfillment of:

- a) any of the 12 elective units listed under the International Management option requirements, provided the courses offered at the international partner institution are considered equivalent to the corresponding Telfer School of Management courses;
- b) the 15 course units in administration (ADM);
- c) the 15 course units from another faculty.

### **Management Option**

ADM 4317 Leadership, Strategy and Sustainability	3 Units
15 course units from:	15 Units
ADM 3302 Supply Chain Management	
ADM 3316 Competitive Intelligence	
ADM 3317 The Global Context of Business: Merchants, Traders, Capitalists and Profit Seekers	
ADM 4103 Project Management	
ADM 4312 Management in the New Economy	
ADM 4316 Management of Innovation	
ADM 4319 Strategic Management in Developing and Emerging Economies	
ADM 4358 Mergers and Acquisitions	
<b>Total:</b>	<b>18 Units</b>

#### Note(s)

The Management option will be organized in terms of three themes. It is strongly recommended that students choose at least one course (3 units) from each theme:

1. Managing for continuous performance improvement: ADM 3316, ADM 4103, ADM 4316;
2. Managing outwards: the firm in its environment: ADM 3302, ADM 4103, ADM 4316;
3. Management past and future: ADM 3317, ADM 4312.

### **Marketing Option**

ADM 3321 Consumer Behaviour	3 Units
ADM 3322 Services Marketing	3 Units
ADM 3323 Market Research	3 Units
ADM 3326 Advertising and Sales Promotion Management	3 Units
ADM 4322 Marketing Strategy	3 Units
ADM 4325 Promotional Planning Practicum	3 Units
<b>Total:</b>	<b>18 Units</b>