

# HONOURS BACHELOR OF COMMERCE (OPTION IN HEALTHCARE ANALYTICS) (COMPLEMENTARY OPTION IN ENTREPRENEURSHIP)

## Overview

Healthcare systems are undergoing unprecedented transformation fuelled by the digitization of services and investments in health information technologies. Our option in Healthcare Analytics is a field built on the crucial role that data, systems engineering, management, and organizational innovation play in improving the quality and timeliness of service delivery in a high performing healthcare system. This field answers a need to develop expertise to create the research and training capabilities required for transforming healthcare into a system that adheres to the principles of patient-centered care and participatory medicine.

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).

## Program Requirements

Requirements for this program have been modified. Please consult the 2018-2019 calendars (<http://catalogue.uottawa.ca/en/archives/>) for the previous requirements.

Co-operative education is available with this program.

The French immersion stream is available with this program.

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
<b>Total:</b>		<b>63 Units</b>

### Option courses

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	
HSS 3101	Health Research: Quantitative and Qualitative Approaches	
HSS 4303	Epidemiology	
3 optional course units in administration (ADM)		3 Units
<b>Total:</b>		<b>21 Units</b>

### Complementary Option courses

ADM 2313	The Entrepreneurial Society	3 Units
ADM 3313	New Venture Creation	3 Units
ADM 4310	Managing Science and Technology Enterprises	3 Units
ADM 4315	Strategic Entrepreneurship	3 Units
ADM 4316	Management of Innovation	3 Units
<b>Total:</b>		<b>15 Units</b>

## Elective Courses Options

9 optional course units in administration (ADM)	9 Units
15 elective course units from another faculty <sup>1</sup>	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 <sup>1</sup>	15 Units

*This is a copy of the 2024-2025 catalog.*

6 elective course units	6 Units
<b>or</b>	
9 optional course units in administration (ADM)	9 Units
one additional minor (30 course units)	30 Units
<b>Total:</b>	<b>39 Units</b>

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