

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.

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 is available with this program.

Common Core courses

ADM 1300	Introduction to Business Management	3 Units
ADM 1301	Social Context of 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
3 course units from:		3 Units
PHI 1101	Reasoning and Critical Thinking	
PHI 1301	Philosophy: Ideas and Arguments	
MAT 1300	Mathematical Methods I	3 Units
MAT 1302	Mathematical Methods II	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
PHI 2397	Business Ethics	3 Units
ADM 3301	Operations Management	3 Units
ADM 3318	International Business	3 Units
ADM 4311	Strategic Management	3 Units
Total:		72 Units

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	
ECO 2123	Introduction to Health Economics	
HSS 3101	Health Research: Quantitative and Qualitative Approaches	
HSS 4303	Epidemiology	
3 optional course units in administration (ADM)		3 Units
Total:		21 Units

Complementary Option courses

ADM 2313	The Entrepreneurial Society	3 Units
ADM 3313	New Venture Creation	3 Units
ADM 4315	Strategic Entrepreneurship	3 Units
ADM 4316	Management of Innovation	3 Units
Total:		12 Units

Elective courses

15 course units from another faculty ²		15 Units
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Note(s)

² At most 6 of those course units can be at the 1000 level.