HONOURS BACHELOR OF COMMERCE (OPTION IN HEALTHCARE ANALYTICS)

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 stream 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:
  - PHI 1101 Reasoning and Critical Thinking 3 Units
  - PHI 1301 Philosophy: Ideas and Arguments 3 Units
  - 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

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:
  - ADM 3305 Business Simulation Analytics 3 Units
  - ADM 3308 Business Data Mining 3 Units
  - BIO 4158 Applied Biostatistics 3 Units
  - ECO 2123 Introduction to Health Economics 3 Units
  - HSS 3101 Health Research: Quantitative and Qualitative Approaches 3 Units
  - HSS 4303 Epidemiology 3 Units

15 optional course units in administration (ADM) 15 Units

Total: 72 Units

Elective courses
15 course units from another faculty 15 Units

Total: 33 Units

Note(s)
1 At most 6 of those course units can be at the 1000 level.
2 At most 6 of those course units can be at the 1000 level.