

HEALTH ANALYTICS (HAGC)

Ontario College Graduate Certificate | 3 semesters | Barrydowne

In this program, students will develop an understanding of programming, statistics and foundations of data management within the context of the emerging field of Health Analytics. The knowledge gained will be tested and applied through exercises focusing on critical thinking and problem-solving skills. Students will learn to work as a member of an interdisciplinary health analytics team.

Admission Requirements

Applicants must be graduates of a diploma, advanced diploma, or degree from an Ontario College or equivalent.

Required Courses:

- Any grade 12 mathematics (C) or (U) (MCT4C is highly recommended)

Highly Recommended:

- Proficiency in Microsoft Excel

Students who do not possess the foundational math will need to take the bridging course/s prior to registration.

Applicants whose first language is not English, must provide proof of English proficiency. Cambrian College accepts the TOEFL, or IELTS, or equivalent test to satisfy our English admission requirements.

APPLY NOW! (<http://ontariocolleges.ca/apply>)

Program Delivery

2018-2019

This program will be delivered in the following terms:

Fall Term Start

1. SEMESTER 1 Fall 2018
2. SEMESTER 2 Winter 2019
3. SEMESTER 3 Spring 2019

For specific term start/end dates and other key dates/deadlines, please see the Academic Schedule (<http://cambriancollege.ca/apply/how-to-apply/academic-schedule>) on our website.

Program of Study

Semester 1		Credits
HEA 1031	Canadian Health System - Legis	3
HEA 1032	Health Data Acqui Mgmt I	3
ANA 1001	Programming for Analytics	4
DBA 1000	Database Mgmt Warehousing	4
EXL 1002	Advanced Excel	3
QMM 1001	Statistics for Data Analytics	4
Term Credits:		21
Semester 2		Credits
HEA 1044	Intro to Epidemiology	3
HEA 1041	Health and Data Acq Mgmt II	3
HEA 1035	Data Mining for Health Analyst	3
BUS 1037	Project Management	3

BTA 1013	Communicating with Data	3
QMM 1002	Stats and Data Visualization	4
Term Credits:		19
Semester 3		Credits
HEA 1050	Capstone Research Project	7
Term Credits:		7
Total Credits:		47

Fees

Tuition and Ancillary Fees

Please see <http://cambriancollege.ca/fees> for the breakdown of tuition and mandatory ancillary fees by program and semester for both domestic and international students.

Books & Supplies

The cost of books and supplies is under review for Year 1. The information will be updated on the website upon further review of the program.

Graduate Options

Employment Opportunities

Graduates may work as data analysts, clinical analysts, project managers, software developers, privacy officers, implementation coordinators, data scientists, business intelligence consultants, decision support specialists, and consultants in IT departments in hospitals, medical software companies, research or educational institutions and health informatics clinics.