

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.

Quick Links

How to Apply (<http://cambriancollege.ca/apply>)

Health Sciences, Nursing, and Emergency Services (<http://cambriancollege.ca/field-of-study/health-sciences-nursing-emergency-services>)

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

2019-2020

This program will be delivered in the following terms:

Fall Term Start

1. SEMESTER 1 Fall 2019
2. SEMESTER 2 Winter 2020
3. SEMESTER 3 Spring 2020

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
DBA 1000	Database Mgmt & Warehousing	4
ANA 1003	Data Collection and Ethics	3
EXL 1002	Advanced Excel	3

QMM 1001	Statistics for Data Analytics	4
	Credits	20
Semester 2		
HEA 1044	Intro to Epidemiology	3
HEA 1041	Health and Data Acq & Mgmt II	3
HEA 1035	Data Mining for Health Analyst	3
BTA 1013	Communicating with Data	3
ANA 1001	Programming for Analytics	4
QMM 1002	Stats and Data Visualization	4
	Credits	20
Semester 3		
HEA 1050	Capstone Research Project	7
	Credits	7
	Total Credits	47

Fees

Tuition and Ancillary Fees

Please see our fees page (<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.

Contacts

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