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[Skip to content](#)

[Back to Program Page](#)

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Clinical Bioinformatics

Ontario Graduate Certificate

Program Code: CB511

Campus: Online

Length: 2 semesters

Bioinformatics is an emerging, interdisciplinary field of study aimed at understanding and inferring meaning from scientific “Big Data”.

Students acquire expertise to utilize current bioinformatics software in order to manage large genetic databases to research the path of disease.

As part of your program, you will participate in one mandatory paid or unpaid 210-hour field experience to gain professional work experience.

The experience will enhance the theoretical learning in the program, giving you hands-on application in the field of clinical bioinformatics.

Courses

Semester 1

BINF 5001:

BINF 5002:

BINF 5003:

BINF 5007:

PREP 5000:

Semester 2

BINF 5501:

BINF 5503:

BINF 5504:

BINF 5505:

BINF 5506:

BINF 5507:

Admission Requirements

Admission selection is based on the following 3 requirements:

. Academic

To be eligible for admission, you must possess the following:

A bachelor's degree, advanced diploma, diploma or equivalent in biological sciences, biotechnology, nursing or a related field.

Please note: This program is best suited to applicants with a bachelor's degree.

Mature Applicants

Diplomas and Certificates

An applicant is considered a mature applicant if they have not completed secondary school or other postsecondary school, and wish to pursue a degree.

Degrees

An applicant is considered a mature applicant if they have not completed secondary school or attended postsecondary studies, and wish to pursue a degree.

College Transfer Applicants

Diplomas and Certificates

An applicant is considered a college transfer applicant if they have completed some or all of a college-level credential. Humber may accept credit for up to 60 credits.

Degrees

An applicant is considered a college transfer applicant if they have completed some or all of a college-level credential. Humber may accept credit for up to 60 credits.

University Transfer Applicants

Diplomas and Certificates

An applicant is considered a university transfer applicant if they have completed some or all of a university-level credential. Humber may accept credit for up to 60 credits.

Degrees

An applicant is considered a university transfer applicant if they have completed some or all of a university-level credential. Humber may accept credit for up to 60 credits.

. English Language Proficiency

All applicants whose first language is not English must meet Humber's English Language Proficiency Policy.

. International Credit Evaluation

Canadian citizens or permanent residents with international education are required to provide a credential evaluation. Note, for international students, a credential evaluation is required for all degrees.

How to Apply

Applications are made through ontariocolleges.ca. See program page for details.

International Academic Equivalency

Admission equivalencies for Humber depend on your country of study. Please see admission requirements on the program page for details.

Fees

The 2024/2025 fee for zero semesters is:

domestic: \$7,080.42

international: N/A

Fees are subject to change.