



## Engineering – Mechatronics, Bachelor of

Honours Degree

**Program Code:** ME411

**Campus:** North

**Length:** 8 semesters starting in September

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### Work Placement

A co-op work program (three consecutive work terms, 420 hour each) ensures that work-integrated learning experiences are woven into the curriculum. This provides students with a contextual understanding of the industry and specific sectors they are training for, as well as recognition of the importance of hands-on experience.

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### Courses

No courses available

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### Admission Requirements

Applicants must meet all the requirements below in order to meet minimum program eligibility. Meeting minimum eligibility requirements does not guarantee an offer of admission. Admission decisions will be available via MyHumber, or by email and mail. Admission decisions will not be released by phone.

Admission selection is based on the following 3 requirements:

#### 1. ACADEMIC

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

Ontario Secondary School Diploma (OSSD) or equivalent including these required courses:

- Grade 12 English (ENG4U or equivalent)
- Grade 12 Physics (SPH4U)
- Grade 12 Calculus and Vectors (MCV4U)
- Grade 12 Mathematics course from one of the following: Advanced Functions (MHF4U) OR Mathematics of Data Management (MDM4U)
- Two Grade 12 U or M courses in addition to those listed above
- A final grade of not less than 65 per cent in each of the listed course requirements
- Overall minimum grade point average (GPA) 65 per cent

or

- [Mature student status](#)

or

- [College](#) or [university](#) transfer status

## 2. ENGLISH LANGUAGE PROFICIENCY

All applicants whose first language is not English must meet Humber's [English Language Proficiency Policy](#).

## 3. INTERNATIONAL CREDIT EVALUATION

Canadian citizens or permanent residents with international education are required to provide a WES or ICAS evaluation.

## How to Apply

Applications are made through [ontariocolleges.ca](http://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 to enter your location.

## Fees

The 2021-2022 fee for one semester is:

- domestic: TBD
- international: TBD

Fees are subject to change.

### Domestic Fees by Semester

Temporary	Original 2020- 2021 Fees	Updated Fall 2020 Fees
Tuition	\$0.00	\$0.00
Compulsory Ancillary Fee	\$0.00	\$0.00
Compulsory Student Union Fee	\$0.00	\$0.00
Optional Student Union Fee	\$0.00	\$0.00
Program Ancillary Fee	\$0.00	\$0.00
Co-op/Placement	\$0.00	\$0.00
Total	\$0.00	\$0.00

### International Fees by Semester

Temporary	Original 2020- 2021 Fees	Updated Fall 2020 Fees
Tuition	\$0.00	\$0.00
Compulsory Ancillary Fee	\$0.00	\$0.00
Compulsory Student Union Fee	\$0.00	\$0.00
Optional Student Union Fee	\$0.00	\$0.00
Program Ancillary Fee	\$0.00	\$0.00
Co-op/Placement	\$0.00	\$0.00
Total	\$0.00	\$0.00

\*Plus Mandatory Health Insurance fee once per academic year: Fall start - \$420 Winter start - \$280 Summer start - \$140

## Equipment & Device Requirements

All Semesters

Details and Specifications	Minimum Specs	Recommended Specs
Processor	Intel i7 or AMD 64-bit processor, 2.4GHz or faster	Intel i7 or Xeon E3, 3.2GHz or faster
OS	Windows 7 or 8/8.1 -64 bit professional	Windows 7, 8.x or 10 - 64-bit professional
Memory	8 GB	32 GB
Video	OpenGL 3.2 support w 1GB memory. No onboard graphics	NVIDIA Quadro or AMD FirePro/Radeon Pro Card w/ 4 GB dedicated memory
Monitor	1920*1080 resolution	1920*1080 resolution (or higher) resolution, dual monitors
Storage	Hard drive w/ 20GB free USB and/or DVD drive	Solid State Drive (SSD) w/20GB free

## Pathways

Humber offers a number of transfer options and pathway opportunities. Visit [humber.ca/transferoptions](https://humber.ca/transferoptions) or refer to the program page.

## Contact Information

### Program Specific Questions

Shaun Ghafari, associate dean  
416-675-6622 ext. 4217  
[shaun.ghafari@humber.ca](mailto:shaun.ghafari@humber.ca)

Current students, please send inquiries to: [SATadvising@humber.ca](mailto:SATadvising@humber.ca).

### Admissions Questions

Domestic Students  
416-675-5000  
[enquiry@humber.ca](mailto:enquiry@humber.ca)

### International Students

Contact the International Centre  
[international.humber.ca/contact](https://international.humber.ca/contact)  
1-416-675-5067

## Ministry Consent

Humber College has been granted a consent by the Ministry of Colleges and Universities to offer this applied degree for a seven-year term starting September 3, 2020. Humber College shall ensure that all students admitted to this above-named program during the period of consent will have the opportunity to complete the program within a reasonable time frame.

*Every attempt is made to ensure that information contained on this website is current and accurate. Humber reserves the right to correct any error or omission, modify or cancel any course, program, fee, timetable or campus location at any time without prior notice or liability to users or any other Person.*

*On October 21, 2019, the Provincial Government of Ontario announced the renaming of the Ministry of Training, Colleges and Universities (MTCU) to the Ministry of Colleges and Universities (MCU). Both names may appear on this website.*

*Select information only is included in this printable PDF. For complete program details, refer to [humber.ca/programs](https://humber.ca/programs).*

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**Print/Download Date:** February 10, 2021