

Industrial Design, Bachelor of

Ministry Title: Bachelor of Industrial Design
Honours Degree

Program Code: 22031

Campus: North

Length: 8 semesters starting in September

Industrial designers and product designers create a wide variety of consumer products that are used daily such as sports footwear, wearables, headphones and automobiles.

Our graduates are in high demand across industries for the practical skills gained through the program's hands-on learning environment. These skills include sketching, digital graphic rendering, model-making and computer-aided design (CAD).

Many of your design projects will involve industry collaboration to ensure real-world relevance rounded out with a work placement. Our program offers two specializations: product design and vehicle design - the only industrial design program in Canada that offers a vehicle design specialization.

Work Placement

This program includes a work placement of 420 hours in the summer between year three and four.

Courses

Semester 1	Proposed Fall 2020 Delivery
IDSN 1001: Visual Communications 1	Online / In-person
IDSN 1003: 2D Design Principles	Online
IDSN 1004: Concept Modelmaking 1	Online
IDSN 1005: History of Design	Online
IDSN 1010: Design Studio 1	Online
Select 1 from the following courses	
DEGE: Degree Breadth Elective	Online

Semester 2	Proposed Delivery
IDSN 1501: Visual Communications 2	
IDSN 1502: Technical Drawing	
IDSN 1503: 3D Design Principles	
IDSN 1504: Concept Modelmaking 2	
IDSN 1510: Design Studio 2	
Select 1 from the following courses	
DEGE: Degree Breadth Elective	Online

Semester 3 Proposed Fall 2020 Delivery

IDSN 2001: Visual Communications 3 Online

IDSN 2002: Computer-Aided Design Studio 1 Online

IDSN 2004: Materials and Manufacturing for Design 1 Online

IDSN 2005: Human Factors Online / In-person

IDSN 2010: Design Studio 3

Select 1 from the following courses

DEGE: Degree Breadth Elective Online

Semester 5 Proposed Fall 2020 Delivery

IDSN 3002: Computer-Aided Design Studio 3 Online

IDSN 3012: Interaction Design Studio 1 Online

IDSN 3509: Multimedia Design Online

RSMT 1500: Quantitative Research Methods Online

Select 1 from the following courses

DEGE: Degree Breadth Elective Online

Required 1 from the following courses

IDSN 3010: Product Design Studio 1

IDSN 3011: Transportation Design Studio 1

Semester 4 Proposed Delivery

IDSN 2501: Visual Communications 4

IDSN 2502: Computer-Aided Design Studio 2

IDSN 2503: Graphic Design for Industrial Design

IDSN 2504: Materials and Manufacturing for Design 2

IDSN 2510: Design Studio 4

Select 1 from the following courses

DEGE: Degree Breadth Elective Online

Semester 6 Proposed Delivery

IDSN 3504: Sustainable Design

IDSN 3505: Entrepreneurship

IDSN 3512: Interaction Design Studio 2

RSMT 2500: Qualitative Research Methods Online

Select 1 from the following courses

DEGE: Degree Breadth Elective Online

Required 1 from the following courses

IDSN 3510: Product Design Studio 2

IDSN 3511: Transportation Design Studio 2

Work Experience - SEM 6C

Proposed
Delivery

IDSN 3599: Industrial Design Work
Experience

Semester 7

Proposed Fall 2020
Delivery

IDSN 4002: Senior Level Thesis Project 1

Online /
In-person

IDSN 4003: Design Research Method
and Analysis

Online

IDSN 4006: Design Management

Select 1 from the following courses

DEGE: Degree Breadth Elective

Online

Required 1 from the following courses

IDSN 4010: Product Design Studio 3

IDSN 4011: Transportation Design
Studio 3

IDSN 4012: Interaction Design Studio 3

Semester 8

Proposed Delivery

IDSN 3005: Professional Practices

IDSN 4502: Senior Level Thesis Project 2

Required 1 from the following courses

IDSN 4510: Product Design Studio 4

IDSN 4511: Transportation Design
Studio 4

IDSN 4512: Interaction Design Studio 4

Important: For information on Fall 2020 course delivery modes, please visit the [Fall 2020 Course Delivery Modes page](#) >

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 5 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) minimum 65 per cent

- Grade 12 Mathematics (MDM4U, MCB4U, MGA4U, MCV4U or MHF4U or equivalent) minimum 60 per cent (Students who do not possess Grade 12U Mathematics or who have achieved a grade below 60 per cent may be considered for admission. Students will be required to complete a math equivalency course during their first semester at Humber. Additional course fees will apply.)
- Four Grade 12 U or M courses in addition to those listed above
- 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.

4. PORTFOLIO

A portfolio is a collection of work which tells us about your creative and problem solving abilities, your drawing skills and how you present yourself as an artist and designer. Your portfolio is reviewed by Industrial Design faculty to determine your suitability for the program.

Applicants must submit a portfolio that includes **five** creative pieces. Be sure to title each submission and briefly describe it (maximum 50 words each piece).

The requirements for these submissions are as follows:

Submission #1 – *Perspective line drawing* of a chair (two-point perspective). You are encouraged to work in black line for the chair and to use construction lines to show proper perspective methods.

Include a small photograph of the chair you have drawn as part of the submission page. You may use your choice of medium for this piece.

Submission #2 – *Perspective line drawing* of one of the following three kitchen appliances:

- Kettle
- Coffee maker
- Kitchen stand mixer

This piece should be drawn from an appliance or device and not from your imagination or an abstract method. Use construction lines to show proper perspective methods.

Include a small photograph of the appliance or device you have drawn as part of the submission page. You may use your choice of medium for this piece.

Submission #3 – *Colour still life study* that demonstrates your use of colour and composition. You are encouraged to group everyday objects such as fruit, pottery or shoes. We will assess your representation of realistic details: shade and shadow, depth, tonal value and texture.

Include a small photograph of the object(s) you have drawn as part of the submission page.

Submission #4 – *Three-dimensional work* that demonstrates your manual construction skills. Examples include sculpture, furniture construction, home construction, craft work (e.g. jewelry that you have designed), and costume design (e.g. Comicon).

Submission #5– *Your choice*

Submit one example of projects/pieces of your choice that further demonstrates your skills and design sense.

Possible examples include:

- a) Something you designed and fabricated including the conceptual sketches and the finished piece;
- b) Images from a sketchbook you keep of products, figures or objects that inspire you;
- c) CAD drawings or digital graphics that show your talent as a designer (e.g. SolidWorks, Keyshot, or Illustrator, respectively);
- d) A sketch, drawing or painting that illustrates your artistry.

Not acceptable is photography and abstract art.

For assistance with your drawing skills, we recommend:

'Sketching: The Basics' by Roselien Steur and Koos Eissen, Amsterdam BIS Publishers, 2016.

5. WRITING SAMPLE

Part #1

Describe your knowledge of industrial design, referring to products and designers, as well as styles that you find appealing. (200 words)

Part #2

Describe the skills and talents you bring to the Industrial Design program. List your extracurricular activities (e.g. hobbies, passions, volunteer work) as well as previous work experience. How do you think these experiences will contribute to your perspective of design, as well as help you as a student of design? (250 words)

Submission Instructions

<https://humber.ca/admissions/office-of-the-registrar/registration/submission-instructions.html>

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 to enter your location.

Fees

The 2020-2021 fee for two semesters is:

- domestic: \$7,266.26
- international: \$19,807.00

Fees are subject to change.

Pathways

Humber offers a number of transfer options and pathway opportunities. Visit humber.ca/transferoptions or refer to the program page.

Contact Information

Program Specific Questions

Patrick Burke, program co-ordinator
416.675.6622 ext. 4523
patrick.burke@humber.ca

Current students please send inquiries to: SATadvising@humber.ca.

Admissions Questions

Domestic Students

416-675-5000
enquiry@humber.ca

International Students

Contact the International Centre

international.humber.ca/contact

1-416-675-5067

Ministry Consent

Humber College has been granted a consent by the Minister of Colleges and Universities to offer this applied degree for a seven-year term starting February 21, 2014. Humber College shall ensure that all students admitted to the 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.

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