

Due to the current circumstances, some programs listed may not be offered at this time.

# University Programs in Ontario

## Related to Professional Careers in Construction

### 2020/2021 School Year



Click on the name of the institution or program to be directed to its corresponding website.

#### **Algoma University (Sault Ste. Marie, ON)**

##### ***Undergraduate Programs - Bachelor***

Bachelor of Engineering - Mechanical Engineering  
(Laurentian University Partnership)  
First Year Pathway (1 yr)

#### **Carleton University (Ottawa, ON)**

##### ***Undergraduate Programs - Bachelor***

Bachelor of Architectural Studies - Conservation and Sustainability (4 yrs)  
Bachelor of Architectural Studies - Design (4 yrs)  
Bachelor of Architectural Studies - Urbanism (4 yrs)  
Bachelor of Arts - Environmental Studies (4 yrs)  
Bachelor of Arts - Geomatics (4 yrs)  
Bachelor of Engineering - Architectural Conservation & Sustainability Engineering (5 yrs)  
Bachelor of Engineering - Civil Engineering (5 yrs)  
Bachelor of Engineering - Electrical Engineering (5 yrs)  
Bachelor of Engineering - Environmental Engineering (5 yrs)  
Bachelor of Engineering - Mechanical Engineering (5 yrs)  
Bachelor of Engineering - Sustainable and Renewable Energy Engineering (5 yrs)  
Bachelor of Science - Geomatics (4 yrs)

##### ***Graduate Programs - Diploma***

Diploma in Architectural Conservation (8 months)

##### ***Graduate Programs - Master***

Master of Architecture (2 - 3 yrs)  
Master of Architectural Studies (2 yrs)  
Master of Arts - Geography - Cities and Urban Transformations (2 yrs)  
Master of Arts - Sustainable Energy (1 - 2 yrs)  
Master of Applied Science - Civil Engineering (1 - 2 yrs)  
Master of Applied Science - Environmental Engineering (1 - 2 yrs)  
Master of Applied Science - Mechanical Engineering (1 - 2 yrs)  
Master of Applied Science - Sustainable Energy (1 - 2 yrs)  
Master of Engineering - Civil Engineering (1 - 2 yrs)  
Master of Engineering - Environmental Engineering (1 - 2 yrs)  
Master of Engineering - Mechanical Engineering (1 - 2 yrs)  
Master of Engineering - Sustainable Energy (1 - 2 yrs)  
Master of Science - Geography - Geomatics (2 yrs)

##### ***Graduate Programs - Doctoral***

PhD in Architecture (4 yrs)  
PhD in Civil Engineering (3 - 5 yrs)  
PhD in Environmental Engineering (4 yrs)  
PhD in Mechanical Engineering (4 - 5 yrs)

#### **Lakehead University (Thunder Bay, ON)**

##### ***Undergraduate Programs - Bachelor***

Bachelor of Engineering - Civil Engineering (4 - 5 yrs)  
Bachelor of Engineering - Electrical Engineering (4 - 5 yrs)  
Bachelor of Engineering - Electrical Engineering (Lakehead University Partnership) with Electrical Engineering Technology Advanced Diploma Advanced Diploma - (4 yrs)  
Bachelor of Engineering - Mechanical Engineering (4 - 5 yrs)  
Bachelor of Environmental Studies (4 yrs)

##### ***Graduate Programs - Master***

Master of Environmental Studies (2 yrs)  
Master of Science in Engineering - Civil Engineering (2 yrs)  
Master of Science in Engineering - Environmental Engineering (2 yrs)  
Master of Science in Engineering - Mechanical Engineering (2 yrs)

#### **Laurentian University (Sudbury, ON)**

##### ***Undergraduate Programs - Bachelor***

Bachelor of Architectural Studies (4 yrs)  
Bachelor of Arts - Environmental Studies (3 - 4 yrs)  
Bachelor of Engineering - Mechanical Engineering (4 yrs)

##### ***Graduate Programs - Master***

Master of Architecture (2 yrs)

#### **McMaster University (Hamilton, ON)**

##### ***Undergraduate Programs - Bachelor***

Bachelor of Engineering - Civil Engineering (4 yrs)  
Bachelor of Engineering - Electrical Engineering (4 yrs)  
Bachelor of Engineering - Mechanical Engineering (4 yrs)  
Bachelor of Engineering & Management - Civil Engineering (5 yrs)  
Bachelor of Engineering & Management - Electrical Engineering (5 yrs)  
Bachelor of Engineering & Management - Mechanical Engineering (5 yrs)  
Bachelor of Engineering & Society - Civil Engineering (5 yrs)  
Bachelor of Engineering & Society - Electrical Engineering (5 yrs)  
Bachelor of Engineering & Society - Mechanical Engineering (5 yrs)  
Bachelor of Technology - Degree Completion Program (Mohawk College Partnership)  
- Civil Engineering Infrastructure Technology (4+ yrs)  
- Power and Energy Engineering Technologies (4+ yrs)

##### ***Graduate Programs - Master***

Master of Applied Science - Civil Engineering (1 - 2 yrs)  
Master of Applied Science - Mechanical Engineering (2 yrs)  
Master of Engineering - Civil Engineering (1 - 2 yrs)  
Master of Engineering and Public Policy (1 yr)

## University Programs in Ontario - 2020/2021 School Year

Master of Engineering Design (1 yr)  
Master of Engineering Entrepreneurship and Innovation (20 months)

### **Graduate Programs - Doctoral**

PhD in Civil Engineering (4 yrs)  
PhD in Mechanical Engineering (4 yrs)

### **OCAD University (Toronto, ON)**

#### **Undergraduate Programs - Bachelor**

Bachelor of Design - Environmental Design (4 yrs)  
Bachelor of Design - Environmental Design - Interior Design Specialization (4 yrs)

### **Project Management Institute - Southern Ontario Chapter (Toronto, ON)**

#### **Graduate Programs - Credentials**

Certified Associate in Project Management (CAPM)®  
PMI Agile Certified Practitioner (PMI-ACP)®  
PMI Professional in Business Analysis (PMI-PBA)®  
PMI Risk Management Professional (PMI-RMP)®  
PMI Scheduling Professional (PMI-SP)®  
Portfolio Management Professional (PfMP)®  
Program Management Professional (PgMP)®  
Project Management Professional (PMP)®

### **Queen's University (Kingston, ON)**

#### **Undergraduate Programs - Bachelor**

Bachelor of Applied Science - Civil Engineering (4 yrs)  
Bachelor of Applied Science - Electrical Engineering (4 yrs)  
Bachelor of Applied Science - Geological Engineering (4 yrs)  
Bachelor of Science - Environmental Studies (4 yrs)

#### **Graduate Programs - Master**

Master of Applied Science - Civil Engineering (2 yrs)  
Master of Applied Science - Geological Engineering (2 yrs)  
Master of Engineering - Civil Engineering (1 yr)  
Master of Environmental Studies (1.3 - 2 yrs)  
Master of Planning - Urban & Regional Planning (2 yrs)

#### **Graduate Programs - Doctoral**

PhD in Civil Engineering (4 yrs)  
PhD in Environmental Studies (4 years)  
PhD in Geological Engineering (4 yrs)

### **Royal Military College of Canada (Kingston, ON)**

#### **Undergraduate Programs - Bachelor**

Bachelor of Engineering - Civil Engineering (4 yrs)  
Bachelor of Engineering - Electrical Engineering (4 yrs)  
Bachelor of Engineering - Mechanical Engineering (4 yrs)

#### **Graduate Programs - Master**

Master of Applied Science - Civil Engineering (2 yrs)  
Master of Applied Science - Electrical Engineering (2 yrs)  
Master of Applied Science - Mechanical Engineering (2 yrs)  
Master of Engineering - Civil Engineering (2 yrs)  
Master of Engineering - Electrical Engineering (2 yrs)  
Master of Engineering - Mechanical Engineering (2 yrs)

### **Graduate Programs - Doctoral**

PhD in Engineering - Civil Engineering (4 yrs)  
PhD in Engineering - Electrical Engineering (4 yrs)  
PhD in Engineering - Mechanical Engineering (4 yrs)

### **Ryerson University (Toronto, ON)**

#### **Undergraduate Programs - Bachelor**

Bachelor of Architectural Science (4 - 5 yrs)  
Bachelor of Arts - Environment and Urban Sustainability (4 yrs)  
Bachelor of Arts - Geographic Analysis (4 yrs)  
Bachelor of Applied Science - Occupational and Public Health (4 - 5 yrs)  
Bachelor of Engineering - Civil Engineering (4 - 5 yrs)  
Bachelor of Engineering - Electrical Engineering (4 - 5 yrs)  
Bachelor of Engineering - Mechanical Engineering (4 - 5 yrs)  
Bachelor of Interior Design (4 yrs)  
Bachelor of Urban and Regional Planning (4 yrs)

#### **Graduate Programs - Master**

Master of Applied Science - Building Science (2 yrs)  
Master of Applied Science - Civil Engineering (2 yrs)  
Master of Architecture (2 yrs)  
Master of Building Science (1 yr)  
Master of Engineering - Civil Engineering (1 yr)  
Master of Engineering Innovation and Entrepreneurship (16 months)  
Master of Planning - Urban Development (1 - 2 yrs)

#### **Graduate Programs - Doctoral**

PhD in Building Science (4 yrs)  
PhD in Civil Engineering (4 yrs)

### **Trent University (Peterborough, ON)**

#### **Undergraduate Programs - Bachelor**

Bachelor of Environmental Science/Studies (4 yrs)

### **University of Guelph (Guelph, ON)**

#### **Undergraduate Programs - Bachelor**

Bachelor of Engineering - Environmental Engineering (4 yrs)  
Bachelor of Engineering - Mechanical Engineering (4 yrs)  
Bachelor of Landscape Architecture (4 yrs)  
Bachelor of Science - Environmental Geomatics (4 yrs)

#### **Graduate Programs - Diploma**

Diploma in Engineering Design of Sustainable Water Resource Systems  
Diploma in Modelling Applications in Water Resources Systems

#### **Graduate Programs - Master**

Master of Applied Science - Environmental Engineering (2 yrs)  
Master of Applied Science - Mechanical Engineering (2 yrs)  
Master of Engineering - Environmental Engineering (2 yrs)  
Master of Engineering - Mechanical Engineering (2 yrs)  
Master of Landscape Architecture (1.5 - 3 yrs)  
Master of Planning - Rural Planning and Development (1 yr)  
Master of Science - Rural Planning and Development (2 yrs)

#### **Graduate Programs - Doctoral**

PhD in Engineering - Environmental Engineering (4 yrs)  
PhD in Engineering - Mechanical Engineering (4 yrs)

## University Programs in Ontario - 2020/2021 School Year

### University of Ontario Institute of Technology (Oshawa, ON)

#### *Undergraduate Programs - Bachelor*

Bachelor of Engineering - Electrical Engineering (4 - 5 yrs)  
Bachelor of Engineering - Mechanical Engineering (4 - 5 yrs)  
Bachelor of Engineering & Management - Electrical  
Engineering (4 - 5 yrs)  
Bachelor of Engineering & Management - Mechanical  
Engineering (4 - 5 yrs)  
Bachelor of Technology - Sustainable Energy Systems (4 yrs)

#### *Graduate Programs - Diploma*

Diploma in Engineering Management (8 months)

#### *Graduate Programs - Master*

Master of Applied Science - Mechanical Engineering (2 yrs)  
Master of Engineering - Mechanical Engineering (2 yrs)  
Master of Engineering Management (2 yrs)

#### *Graduate Programs - Doctoral*

PhD in Mechanical Engineering (4 yrs)

### University of Ottawa (Ottawa, ON)

#### *Undergraduate Programs - Bachelor*

Bachelor of Applied Science - Civil Engineering (4 yrs)  
Bachelor of Applied Science - Civil Engineering, Engineering  
Management & Entrepreneurship  
Option (4 yrs)  
Bachelor of Applied Science - Civil Engineering, Environmental and  
Water Resources Option (4 yrs)  
Bachelor of Applied Science - Civil Engineering, Structural and  
Geotechnical Option (4 yrs)  
Bachelor of Applied Science - Electrical Engineering (4 yrs)  
Bachelor of Applied Science - Electrical Engineering, Engineering  
Management & Entrepreneurship  
Option (4 yrs)  
Bachelor of Applied Science - Mechanical Engineering (4 yrs)  
Bachelor of Applied Science - Mechanical Engineering,  
Engineering Management &  
Entrepreneurship Option (4 yrs)  
Bachelor of Arts - Environmental Studies (4 yrs)

#### *Graduate Programs - Diploma*

Diploma in Technology Project Management (1 yr)

#### *Graduate Programs - Master*

Master of Applied Science - Civil Engineering (2 yrs)  
Master of Applied Science - Civil Engineering Specialization in  
Science, Society and Policy (2 yrs)  
Master of Applied Science - Environmental Engineering (2 yrs)  
Master of Applied Science - Mechanical Engineering (2 yrs)  
Master of Engineering - Civil Engineering (2 yrs)  
Master of Engineering - Engineering Management (2 yrs)  
Master of Engineering - Environmental Engineering (2 yrs)  
Master of Engineering - Mechanical Engineering (2 yrs)

#### *Graduate Programs - Doctoral*

PhD in Civil Engineering (4 yrs)  
PhD in Environmental Engineering (4 yrs)  
PhD in Mechanical Engineering (4 yrs)

### University of Toronto (Toronto, ON)

#### *Undergraduate Programs - Bachelor*

Bachelor of Applied Science - Civil Engineering (4 yrs)  
Bachelor of Applied Science - Engineering Science (4 yrs)  
Bachelor of Applied Science - Mechanical Engineering (4 yrs)  
Bachelor of Arts - Architectural Studies (4 yrs)  
Bachelor of Arts - Environmental Studies (4 yrs)  
Bachelor of Arts - Urban Studies (4 yrs)  
Bachelor of Science - Geographical Information Systems (4 yrs)

#### *Graduate Programs - Master*

Master of Applied Science - Civil Engineering (2 yrs)  
Master of Architecture - Professional (3 yrs)  
Master of Architecture - Post-Professional (1 yr)  
Master of Engineering - Civil Engineering (1 - 2 yrs)  
Master of Engineering - Cities Engineering and  
Management (1.3 - 2 yrs)  
Master of Landscape Architecture - Professional (3 yrs)  
Master of Landscape Architecture - Post-Professional (1 yr)  
Master of Science - Planning (1 - 2 yrs)  
Master of Urban Design (2 yrs)

#### *Graduate Programs - Doctoral*

PhD in Architecture, Landscape, and Design (4 yrs)  
PhD in Civil Engineering (4 yrs)  
PhD in Planning (4 yrs)

### University of Waterloo (Waterloo, ON)

#### *Undergraduate Programs - Bachelor*

Bachelor of Architectural Studies (5 yrs)  
Bachelor of Applied Science - Architectural Engineering (5 yrs)  
Bachelor of Applied Science - Civil Engineering (5 yrs)  
Bachelor of Applied Science - Electrical Engineering (5 yrs)  
Bachelor of Applied Science - Environment Engineering (5 yrs)  
Bachelor of Applied Science - Geological Engineering (5 yrs)  
Bachelor of Applied Science - Mechanical Engineering (5 yrs)  
Bachelor of Environmental Studies - Geomatics (4 yrs)  
Bachelor of Environmental Studies - Planning (5 yrs)

#### *Graduate Programs - Master*

Master of Applied Science - Civil Engineering (2 yrs)  
Master of Applied Science - Civil Engineering - Water (2 yrs)  
Master of Applied Science - Mechanical Engineering (1 - 2 yrs)  
Master of Architecture (2 yrs)  
Master of Architecture - Water (2 yrs)  
Master of Arts - Planning (2 yrs)  
Master of Engineering - Civil Engineering (1 yr)  
Master of Engineering - Mechanical Engineering (1 - 2 yrs)  
Master of Environmental Studies - Planning (2 yrs)

#### *Graduate Programs - Doctoral*

PhD in Civil Engineering (4 yrs)  
PhD in Civil Engineering - Water (4 yrs)  
PhD in Mechanical Engineering (2 - 4 yrs)  
PhD in Planning (4 yrs)

## University Programs in Ontario - 2020/2021 School Year

### University of Western Ontario (London, ON)

#### **Undergraduate Programs - Bachelor**

Bachelor of Arts - Urban Development (4 yrs)  
Bachelor of Engineering Science - Civil Engineering (4 yrs)  
Bachelor of Engineering Science - Electrical Engineering (4 yrs)  
Bachelor of Engineering Science - Mechanical Engineering (4 yrs)

#### **Graduate Programs - Master**

Master of Engineering - Civil & Environmental Engineering (1 yr)  
Master of Engineering Science - Civil & Environmental  
Engineering (2 yrs)

#### **Graduate Programs - Doctoral**

PhD in Civil & Environmental Engineering (4 yrs)

### University of Windsor (Windsor, ON)

#### **Undergraduate Programs - Bachelor**

Bachelor of Applied Science - Civil Engineering (4 yrs)  
Bachelor of Applied Science - Engineering (4 yrs)  
Bachelor of Applied Science - Environmental Engineering (4 yrs)  
Bachelor of Applied Science - Mechanical Engineering (4 yrs)  
Bachelor of Applied Science - Mechanical Engineering -  
Environmental Engineering  
Option (4 yrs)  
Bachelor of Engineering Technology (Post-Degree) (1 yr)  
Bachelor of Environmental Studies (4 yrs)  
Bachelor of Fine Arts - Visual Arts and the Built Environment (4 yrs)

#### **Graduate Programs - Master**

Master of Applied Science - Civil Engineering (2 yrs)  
Master of Applied Science - Environmental Engineering (2 yrs)  
Master of Applied Science - Mechanical Engineering (1 yr)  
Master of Engineering - Civil Engineering (1 - 2 yrs)  
Master of Engineering - Environmental Engineering (1 - 2 yrs)  
Master of Engineering - Mechanical Engineering (1 - 2 yrs)  
Master of Engineering Management (2 yrs)

#### **Graduate Programs - Doctoral**

PhD in Civil (4 yrs)  
PhD in Environmental Engineering (4 yrs)  
PhD in Mechanical Engineering (4 yrs)

### Wilfrid Laurier University (Waterloo, ON)

#### **Undergraduate Programs - Bachelor**

Bachelor of Arts - Environmental Studies (4 yrs)

#### **Graduate Programs - Master**

Master of Environmental Studies (2 yrs)

### York University (Toronto, ON)

#### **Undergraduate Programs - Bachelor**

Bachelor of Arts - Geography & Urban Studies (4 yrs)  
Bachelor of Arts - Urban Studies (4 yrs)  
Bachelor of Engineering - Civil Engineering (4 yrs)  
Bachelor of Engineering - Electrical Engineering (4 yrs)  
Bachelor of Engineering - Geomatics Engineering (4 yrs)  
Bachelor of Engineering - Mechanical Engineering (4 yrs)  
Bachelor of Environmental Studies (4 yrs)

Bachelor of Environmental Studies - Urban Sustainability (York/  
Seneca Joint Program) (4 yrs)

#### **Graduate Programs - Master**

Master of Applied Science - Civil Engineering (2 yrs)  
Master of Applied Science - Mechanical Engineering (2 yrs)  
Master of Environmental Studies (2 yrs)  
Master of Environmental Studies - Planning (2 yrs)

#### **Graduate Programs - Doctoral**

PhD in Civil Engineering (4 yrs)  
PhD in Mechanical Engineering (4 yrs)  
PhD in Environmental Studies (4 yrs)

### Yorkville University (Concord, ON)

#### **Undergraduate Programs - Bachelor**

Bachelor of Interior Design (3 yrs)

**Note 1: This guide only contains full-time domestic programs.**

**Note 2: Programs targeted for international students are not included.**

**Note 3: Some universities in the province of Ontario offer Continuing Education Certificates related to the construction industry that are not included in this list.**

**Note 4: Some programs listed have a Co-op/Internship option available. Further research is needed if interested in this option.**

**Note 5: Honours Bachelor programs are not noted in this guide and are organized under Bachelor programs. Further research is needed if interested in this option.**

For additional research regarding university programs in Ontario:  
[www.ontariouniversitiesinfo.ca](http://www.ontariouniversitiesinfo.ca)