

# Sustainable Architecture

(EEC.2Q) A.C.S.




Learn how to design and draft eco-friendly buildings. Hands-on training in AutoCAD, building codes, technical drawings, and sustainable architecture technologies. Start your career in just 24 months.

Sustainable architecture focuses on minimizing a building's impact on the surrounding environment. Eco-friendly design impacts every aspect of the construction process.

Herzing's Sustainable Architecture training program teaches the principles of green building design, renewable energy, and eco-friendly construction technologies. Students graduate with a strong foundation in AutoCAD, Canadian building codes, architectural drafting, and 13 weeks of real work experience.

 Program Length: **24 months**  
Includes **13 week internship**

 Program Delivery:  
**On Campus, Online, Hybrid**

## CAREER OUTLOOK

There is good demand for sustainable building designers and drafters in Montreal and across Canada. Herzing's Sustainable Architecture training program prepares students for careers at regular architecture firms, and companies that specialize in

### Employment Statistics

**98%**

Percentage of Overall 2022 Available Graduates  
Employed in a Related Field

## PROSPECTIVE JOB TITLES

*Architectural technician, Architectural technologist, Drafting technician, Appraiser, Assessor*

## WHO HIRES OUR GRADUATES

*McGee & Associates, George Elbaz Architecture, Sygma Group  
Barin LLP Architecture & Design, GMI Architects, Urban Immersive  
ANA Architects, MIS OBE Architects, Martha Franco Architecture & Design*

Employment statistics based on most recent available. Information in this document is subject to change.  
Herzing College Montreal is a post-secondary institution recognized by the Ministry of Education and Higher Learning (permit number 749758) and a secondary vocational studies institution (permit number 534501).  
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### ADMISSION REQUIREMENTS

- Quebec issued high school diploma or equivalent
- Minimum of two consecutive terms OR One school year interruption from full-time studies OR Minimum of one year post-secondary education
- Pass a general admissions entrance test
- Meet any additional program specific entrance requirements

### LEARN ONLINE

Online programs offer the flexibility; personalization and support that you need to succeed in today's ever-changing job market. Work on your assignments when it's convenient for you, all with the support of a dedicated Instructor.

### COURSE LIST

The Sustainable Architecture training program teaches hands-on design and drafting skills. Students complete several design projects, including a full range of technical drawings for eco-friendly residential, commercial, and cultural buildings.

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| • Applied Mathematics for Architecture                     | • Analysis of Site Layout and Landscape Project          |
| • Technical Architecture for Architecture Drawing          | • Service of Green Buildings and Energy Management Units |
| • Design and Construction and Environmental Sustainability | • Portfolio, Job Search and Interview Techniques         |
| • History of Architecture and Sustainable Architecture     | • Specification, Estimation and Materials                |
| • Architectural Drawing I                                  | • Project Management and Safety on Sites                 |
| • Analysis and Design Statements of Green Buildings        | • Sustainable, Industrial and Commercial Buildings       |
| • Ecological Wood Construction - Ecological Buildings      | • Green Building Interiors                               |
| • Regulation of Construction and Building Codes            | • Built and Ecological Renovation                        |
| • Green Building Steel Masonry and Concrete Units          | • Professional Practice and Integration                  |
| • Architectural Drawing II                                 |  |
| • Project Development and Environmental Study Feasibility  |  |
| • Green Construction - Institutional Building Units        |  |