

Sustainable Architecture



Learn how to design and draft eco-friendly buildings. Hands-on training in AutoCAD, building codes, technical drawings, and sustainable architecture technologies. Internship included.

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 real work experience.

🕒 Program Length: **24 months**
Includes **12 week internship**

📖 Program Delivery: **Online**

▾ CAREER OUTLOOK

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

Employment Statistics

84%

Percentage of 2024 Herzing College 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. Not all programs and learning formats available at all campus locations. Information in this document is subject to change. Updated March 5, 2025

The Sustainable Architecture program (EEC.2Q) A.C.S. leads to an Attestation of Collegial Studies (ACS) recognized by the Minister of Education and Higher Education of Quebec.

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

- Minimum of a Canadian high school grade 12 or equivalent, or a mature student
- Pass an entrance test administered by Herzing College
- Be interviewed in detail regarding interest in the field
- Note: admission to some programs may include additional requirements

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.

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