

# Bachelor of Science Architecture

Faculty of Engineering



## What is architecture?

Architects imagine, design, and build the space of our daily lives—whether on a small scale, such as a piece of furniture or a room, or on a much larger scale, such as a building, a city, or an entire landscape. They use art, science, and technology to shape the way we interact with one another and our environment, designing settings that are responsive to the needs of the individuals and communities who use them. Architects pay attention to function, to the way materials are combined in order to construct buildings that last and are sustainable, and to aesthetics at the level of the everyday experience. Architecture is what surrounds us at every moment of our lives—it provides the basis from which society and culture is materially and spatially articulated, as well as questioned and sustained.

## Is this program for me?

Architecture students are interested in the arts, but also have strong skills in math and physics. Above all, they

have a passion for imagining new worlds, and for creating objects and drawings as a means to communicate their ideas about buildings, cities, and landscapes.

## Coursework and research areas

The first year includes a range of general science and humanities and/or social science courses. Québec CEGEP and university transfer students typically receive one-year advanced standing, entering directly into U1. In subsequent years, students take courses in architectural design, construction, structures, sustainable development and climate change mitigation, and architectural history. The curriculum is structured around core design studio courses, given each semester, in which students work on increasingly challenging design projects as they progress through the program. Once completed, students present their work publicly to a panel of guest reviewers. The program also includes

field trips and the opportunity to study abroad.

## Why McGill?

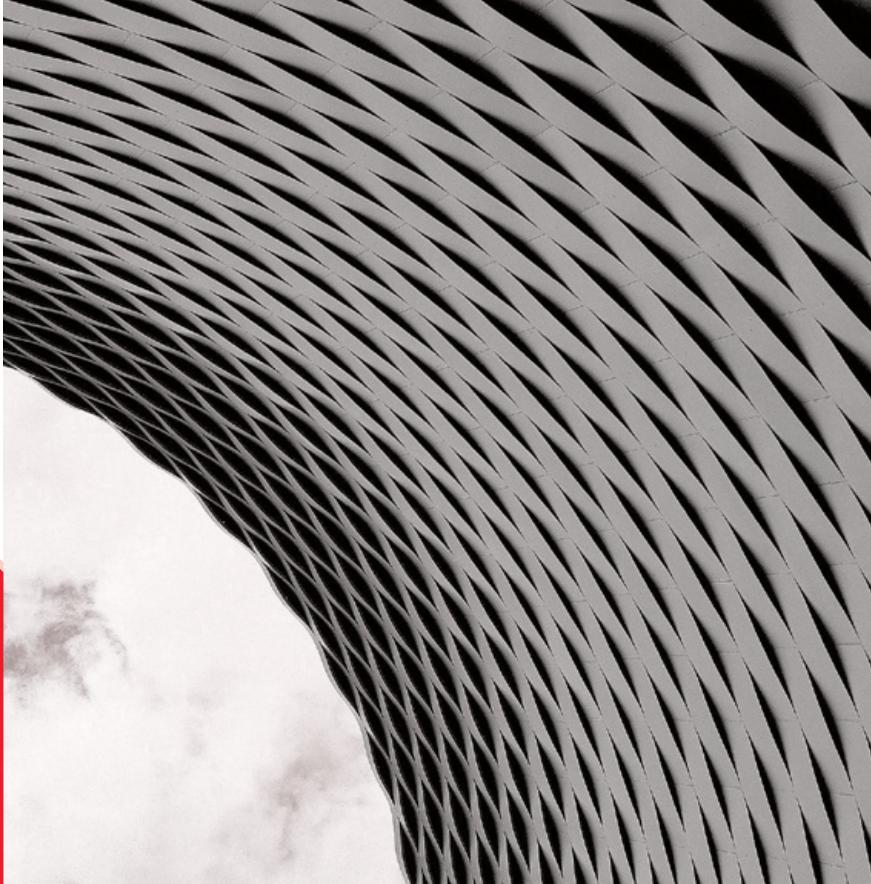
Established in 1896, McGill's Peter Guo-hua Fu School of Architecture is amongst the oldest on the continent, and is dedicated to professional architectural education that flourishes through design excellence, research, and community engagement. Its alumni include prominent architects such as Arthur Erikson, Moshe Safdie, Blanche Lemco van Ginkel, Melvin Charney, Peter Fu, Todd Saunders, and Manon Asselin.

The School is well known for its intimate atmosphere, with about 250 students. Its team of administrative staff are dedicated to helping students improve their university experience.



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### Manon Asselin

B.Arch. 1992, M.Arch. 2001

Manon, alumna of the School of Architecture (B.Arch. 1992, M.Arch. 2001) and co-founder of Atelier TAG (est. 1997), designed numerous award-winning projects, including the Michal and Renata Hornstein Pavilion for Peace at the Montreal Museum of Fine Arts (Governor General's Medal in Architecture 2018), the rehabilitation of Wilfrid-Pelletier performance hall (OAG Heritage Award 2018), and the Gilles-Vigneault Performance Hall (Governor General's Medal in Architecture 2020). The career and contribution of Manon Asselin to architecture was highlighted in 2018 by the Prix Ernest-Cormier, the highest distinction in the fields of architecture, landscape, urban planning, or design in Québec. She currently holds the Québec Chair of the Royal Academy of Sciences, Letters, and Fine Arts of Belgium and is Associate Professor at the School of Architecture at Université de Montréal.



by McGill

Its professors are continually striving to enhance their teaching methods and are leaders in their respective area of research, including computational design, climate change mitigation, sustainable and community design, social justice, and the history of architecture. Our various visiting programs attract international architects, educators, and critics.

## How do I apply?

Admissions information:

[www.mcgill.ca/undergraduate-admissions/apply](http://www.mcgill.ca/undergraduate-admissions/apply)

## What can I do when I graduate?

A professional degree is needed in order to practice as an architect. At McGill, the professional degree is the Master of Architecture (Professional), a four-term program that follows the Bachelor of Science in Architecture degree. Students often take a gap year between degrees to travel and apprentice in an architectural firm. The M. Arch. Professional degree is fully accredited by the Canadian Architectural Certification Board and is recognized as accredited by the National Architectural Accrediting Board in the U.S.

The great majority of our graduates register as interns and work in an architectural office while completing the requirements for professional registration, and thus pursue careers as architects, often in Canada, but also in many other parts of the world. An architectural education, however, can lead to different and sometimes surprising directions. Some graduates discover interests and aptitudes in computer graphics, creating environments for the film or video game industry. Some become interested in landscape architecture, urban planning, industrial design, or even real estate development. A few continue towards a Ph.D. to pursue academic research.

## Student life and engagement

The Faculty of Engineering provides several opportunities to participate in a variety of clubs, activities, and student government. Below are a few groups students can join to connect with others and enhance their life outside of the classroom:

- ▲ Architecture Students Association (ASA)
- ▲ Engineering Undergraduate Society (EUS)
- ▲ Promoting Opportunities for Women in Engineering (POWE)

## Contact us

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**McGill Engineering Student Centre (MESC)**

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**Engineering Career Centre (ECC)**

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