

# Architecture Curriculum - Fall 2021 -AMENDED

## Non-CEGEP Entry

<b>1st Term (Fall 2021)</b>		<b>13-16 credits</b>	<b>Prerequisites/Co-requisites</b>
MATH 140	Calculus 1	3	P - High school calculus
PHYS 131	Mechanics and Waves	4	C - Calculus course [MATH 140]
(EC)	(Electives)*	(6-9)	
ARCH 250	Architectural History 1 (recommended)	3	
<b>2nd Term (Winter 2022)</b>			
MATH 133	Linear Algebra	3	P - A course in functions
(EC)	Any 100- or 200-level courses with the subject codes of ATOC, COMP, ENVR and EPSC*	3	
(EC)	(Electives)*	(6-9)	
<b>3rd Term (Fall 2022)</b>		<b>17 credits</b>	<b>Prerequisites/Co-requisites</b>
ARCH 201	Communication, Behaviour and Architecture	6	-
ARCH 221	Architectural Drawing	2	-
ARCH 378	Introduction to Building Environments	3	
ARCH 250	Architectural History 1	3	-
FACC 220	Law for Architects and Engineers	3	-
<b>4th Term (Winter 2023)</b>		<b>18 credits</b>	<b>Prerequisites/Co-requisites</b>
ARCH 202	Architectural Graphics and Elements of Design	6	P - ARCH 201
ARCH 241	Architectural Structures	3	
ARCH 251	Architectural History 2	3	P - ARCH 250
ARCH 342	Digital Representation	3	P - ARCH 201 and ARCH 221 (or instructor approval)
(EC)	(Elective)**	3	-
<b>5th Term (Summer 2023)</b>			<b>Prerequisites/Co-requisites</b>
(Architectural Sketching; register in fall but taken week prior to commencement of term.)			
<b>6th Term (Fall 2023)</b>		<b>17 credits</b>	<b>Prerequisites/Co-requisites</b>
ARCH 303	Design and Construction 1	6	P - ARCH 202
ARCH 325	Architectural Sketching	2	P - ARCH 221
ARCH 377	Energy, Environment and Buildings 1	3	P - ARCH 303 and ARCH 378
ARCH 445	Architectural Structures 2	3	P - ARCH 240, ARCH 241, ARCH 304
ARCH 512	Architectural Modelling	3	P - ARCH 303 and ARCH 342 or equivalent.
<b>7th Term (Winter 2024)</b>		<b>12-18 credits</b>	<b>Prerequisites/Co-requisites</b>
ARCH 240	Organization of Materials in Buildings	3	P - ARCH 303
ARCH 304	Design and Construction 2	6	P - ARCH 303
(ARCH xxx)	(Two Architectural Complementaries)*** and/or electives.	6	-
<b>8th Term (Fall 2024)</b>		<b>15 credits</b>	<b>Prerequisites/Co-requisites</b>
ARCH 354	Architectural History 3	3	P - ARCH 250, ARCH 251
ARCH 375	Landscape	3	
ARCH 405	Design and Construction 3	6	P - ARCH 304
ARCH 447	Energy, Environment, and Buildings 2	3	P - ARCH 240, ARCH 378
<b>9th Term (Winter 2025)</b>		<b>15-18 credits</b>	<b>Prerequisites/Co-requisites</b>
ARCH 355	Architectural History 4	3	P - ARCH 250 and ARCH 251.
ARCH 406	Design and Construction 4	6	P - ARCH 405
ARCH 451	Building Regulations and Safety	3	P - ARCH 405
ARCH 551	Urban Design and Planning	3	
(EC)	(Elective)**	3	

\*All Year 0 students must also successfully complete 16 credits as follows: 3 credits from among any 100- or 200-level courses with subject codes of ATOC (Atmospheric and Oceanic Sciences), COMP (Computer Science), ENVR (Environment), and EPSC (Earth and Planetary Sciences). And, 13 credits from among any 100- or 200-level courses with the subject codes of AFRI (African Studies), CATH (Catholic Studies), CLAS (Classics), COMS (Communication Studies), EAST (East Asian Studies), ECON (Economics), ENGL (English), FREN (French), GEOG (Geography), GSFS (Gender, Sexuality, Feminist and Social Justice), GERM (German), HISP (Hispanic Studies), HIST (History), INDG (Indigenous Studies), ISLA (Islamic Studies), ITAL (Italian), JWST (Jewish Studies), LING (Linguistics), LLCU (Languages, Literatures and Cultures), MUAR (Music - Arts Faculty), PHIL (Philosophy), POLI (Political Science), PSYC (Psychology), RELG (Religious Studies), RUSS (Russian), SOCI (Sociology).

\*\*6 credits of elective courses (EC) must be completed, chosen from courses outside the School of Architecture (200-500 level), approved by the Architecture student adviser. Suggested terms in which these courses can be taken are given above.

\*\*\*6 credits of Architectural Complementary courses are selected from an approved list given on the next page. Suggested terms in which these courses can be taken are given above.

Students are responsible for satisfying pre-/co-requisites and verifying with the School that they are meeting the requirements of their program.

Note: A missing mathematics or science prerequisite or participation on a student exchange may result in an adjustment of the Architectural Curriculum Plan of Study.

## Architectural Complementary Courses

6 credits from the following:

		Credits	Prerequisites/Co-requisites
ARCH 217	Freehand Drawing	1	P -
ARCH 379	Summer Course Abroad	3	P - ARCH 202 or instructor permission
ARCH 383	Geometry and Architecture	3	P - ARCH 202 or instructor permission
ARCH 461	Freehand Drawing and Sketching	1	P - ARCH 325
ARCH 490	Selected Topics in Design	2	P - ARCH 202 or instructor permission
ARCH 514	Community Design Workshop	3	-
ARCH 515	Sustainable Design	3	P - ARCH 377 or instructor permission
ARCH 517	Sustainable Residential Development	3	P - ARCH 377 or equivalent
ARCH 519	Field Course Abroad		
ARCH 520	Montreal: Urban Morphology	3	P - ARCH 251
ARCH 525	Seminar on Analysis and Theory	3	P - ARCH 202 or instructor permission
ARCH 526	Philosophy of Structure	3	P - ARCH 202 or instructor permission
ARCH 528	History of Housing	3	P - ARCH 251 or instructor permission
ARCH 531	Architectural Intentions Vitruvius - Renaissance	3	P - ARCH 251
ARCH 532	Origins of Modern Architecture	3	P - ARCH 251
ARCH 535	History of Architecture in Canada	3	P - ARCH 251 or instructor permission
ARCH 536	Heritage Conservation	3	P - ARCH 251 or instructor permission
ARCH 540	Selected Topics in Architecture 1	3	P -
ARCH 541	Selected Topics in Architecture 2	3	P -
ARCH 542	Selected Topics in Architecture 3	3	P -
ARCH 543	Selected Topics in Architecture 4	3	P -
ARCH 564	Design for Development	3	Permission of instructor
ARCH 566	Cultural Landscapes Seminar	3	-

**Last update: June 16, 2022**

For the official program listing, see the *Programs, Courses and University Regulations* publication ([www.mcgill.ca/study](http://www.mcgill.ca/study)).

Information concerning Scholarships and Student Aid may be found at: <https://www.mcgill.ca/studentaid/scholarships-aid/current-undergrads>.

For a comprehensive list of all awards with detailed descriptions and eligibility requirements, please consult the Undergraduate Scholarships and Awards Calendar at <https://www.mcgill.ca/studentawards/undergraduate-scholarships-and-awards>.