

# Architecture Curriculum - Fall 2011

## Non-CEGEP Entry

<b>1st Semester (Fall)</b>		14 credits	Prerequisites / Co-requisites
CHEM 110	General Chemistry 1	4	-
MATH 133	Linear Algebra and Geometry	3	-
MATH 140	Calculus 1	3	-
PHYS 131	Mechanics and Waves	4	C - MATH 140
<b>2nd Semester (Winter)</b>		12-15 credits	Prerequisites / Co-requisites
CHEM 120	General Chemistry 2	4	-
MATH 141	Calculus 2	4	P - MATH 140
PHYS 142	Electromagnetism and Optics	4	P - PHYS 131 / C - MATH 141
(EC)	(Elective)	(3)	-
<b>3rd Semester (Fall)</b>		18 credits	Prerequisites / Co-requisites
ARCH 201	Communication, Behaviour and Architecture	6	-
ARCH 221	Architectural Drawing	2	-
ARCH 241	Architectural Structures	3	-
ARCH 250	Architectural History 1	3	-
CIVE 284	Structural Engineering Basics	4	-
<b>4th Semester (Winter)</b>		13-16 credits	Prerequisites / Co-requisites
ARCH 202	Architectural Graphics and Elements of Design	6	P - ARCH 201
ARCH 240	Organization of Materials in Buildings	3	-
ARCH 251	Architectural History 2	3	P - ARCH 250
(EC)	(Elective)	(3)	-
<b>5th Semester (Summer)</b>		0-7 credits	Prerequisites / Co-requisites
(ARCH xxx)	(Architectural Complementary)	(3-4)	-
(EC)	(Elective)	(3)	-
<b>6th Semester (Fall)</b>		17 credits	Prerequisites / Co-requisites
ARCH 342	Digital Representation	3	P - ARCH 201
ARCH 303	Design and Construction 1	6	P - ARCH 202
ARCH 354	Architectural History 3	3	P - ARCH 250, ARCH 251
ARCH 375	Landscape	2	-
CIVE 385	Structural Steel and Timber Design	3	P - CIVE 284 / C - ARCH 240
<b>7th Semester (Winter)</b>		15-18 credits	Prerequisites / Co-requisites
ARCH 304	Design and Construction 2	6	ARCH 303
ARCH 355	Architectural History 4	3	P - ARCH 250, ARCH 251
ARCH 377	Energy, Environment and Buildings	3	P - ARCH 202
CIVE 388	Foundation and Concrete Design	3	P - CIVE 284
(ARCH xxx)	(Architectural Complementary)	(2-3)	-
<b>8th Semester (Summer)</b>		0-6 credits	Prerequisites / Co-requisites
(ARCH xxx)	(Architectural Complementary)	(2-3)	-
(EC)	(Elective)	(3)	-
<b>9th Semester (Fall)</b>		15-21 credits	Prerequisites / Co-requisites
ARCH 325	Architectural Sketching	2	-
ARCH 405	Design and Construction 3	6	P - ARCH 304
ARCH 447	Lighting	2	P - ARCH 304
CIVE 492	Structures	2	P - CIVE 385, CIVE 388
FACC 220	Law for Architects and Engineers	3	-
(ARCH xxx)	(Architectural Complementary)	(2-3)	-
(ARCH xxx)	(Architectural Complementary)	(2-3)	-
<b>10th Semester (Winter)</b>		13-17 credits	Prerequisites / Co-requisites
ARCH 406	Design and Construction 4	6	P - ARCH 405
ARCH 451	Building Regulations and Safety	2	P - ARCH 405
ARCH 512	Architectural Modelling	3	P - ARCH 304, ARCH 471
(ARCH xxx)	(Architectural Complementary)	(2-3)	-
(ARCH xxx)	(Architectural Complementary)	(2-3)	-
(EC)	(Elective)	(3)	-

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.

6 credits of elective courses (EC) must be completed, chosen from courses outside the School of Architecture, approved by the Architecture student adviser. 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.

# Architectural Complementary Courses

6 credits from the following:

	Credits
ARCH 318 Design Sketching	3
ARCH 319 The Camera and Perception	3
ARCH 352 Art and Theory of House Design	3
ARCH 363 Structure, Organization and Form	2
ARCH 378 Site Usage	3
ARCH 379 Summer Course Abroad	3
ARCH 383 Geometry and Architecture	3
ARCH 461 Freehand Drawing and Sketching	1
ARCH 471 Computer-Aided Building Design	2
ARCH 490 Selected Topics in Design	2
ARCH 514 Community Design Workshop	4
ARCH 515 Sustainable Design	3
ARCH 517 Sustainable Residential Development	3
ARCH 520 Montreal: Urban Morphology	3
ARCH 521 Structure of Cities	3
ARCH 522 History of Domestic Architecture in Quebec	3
ARCH 523 Significant Texts and Buildings	3
ARCH 525 Seminar on Analysis and Theory	3
ARCH 526 Philosophy of Structure	3
ARCH 527 Civic Design	3
ARCH 528 History of Housing	3
ARCH 529 Housing Theory	3
ARCH 531 Architectural Intentions Vitruvius - Renaissance	3
ARCH 532 Origins of Modern Architecture	3
ARCH 533 New Approaches to Architectural History	3
ARCH 534 Architectural Archives	3
ARCH 535 History of Architecture in Canada	3
ARCH 536 Heritage Conservation	3
ARCH 540 Selected Topics in Architecture 1	3
ARCH 541 Selected Topics in Architecture 2	3
ARCH 554 Mechanical Services	2
ARCH 555 Environmental Acoustics	2
ARCH 564 Design for Development	3
ARCH 566 Cultural Landscapes Seminar	3
OCC1 442 Environments for the Disabled	2

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