

# Architecture Curriculum - Fall 2015

## CEGEP Entry

| <b>1st Term (Fall)</b>   |   | 17 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             | -                           |
| FACC 220                 | Law for Architects and Engineers              | 3             | -                           |
| <b>2nd Term (Winter)</b> |   | 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                |
| CIVE 284                 | Structural Engineering Basics                 | 4             | -                           |
| <b>3rd Term (Summer)</b> |   | 0-7 credits   | Prerequisites/Co-requisites |
| (ARCH xxx)               | (Architectural Complementary)                 | (3-4)         | -                           |
| (EC)                     | (Elective)                                    | (3)           | -                           |
| <b>4th Term (Fall)</b>   |   | 17 credits    | Prerequisites/Co-requisites |
| ARCH 303                 | Design and Construction 1                     | 6             | P - ARCH 202                |
| ARCH 342                 | Digital Representation                        | 3             | P - ARCH 201, ARCH 221      |
| 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>5th Term (Winter)</b> |   | 16-19 credits | Prerequisites/Co-requisites |
| ARCH 304                 | Design and Construction 2                     | 6             | ARCH 303                    |
| ARCH 377                 | Energy, Environment and Buildings             | 3             | P - ARCH 202                |
| CIVE 388                 | Foundation and Concrete Design                | 3             | P - CIVE 284                |
| (ARCH xxx)               | (Architectural Complementary)                 | 3             | -                           |
| <b>6th Term (Fall)</b>   |   | 12-18 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                |
| ARCH 512                 | Architectural Modelling                       | 3             | P - ARCH 304, ARCH 342      |
| CIVE 492                 | Structures                                    | 2             | P - CIVE 385, CIVE 388      |
| (ARCH xxx)               | (Architectural Complementary)                 | (3)           | -                           |
| <b>7th Term (Winter)</b> |   | 8-17 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 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.

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 378 | Site Usage                                       | 3       | P - ARCH 202                |
| ARCH 379 | Summer Course Abroad                             | 3       | P - ARCH 202                |
| ARCH 383 | Geometry and Architecture                        | 3       | P - ARCH 202                |
| ARCH 461 | Freehand Drawing and Sketching                   | 1       | P - ARCH 324                |
| ARCH 490 | Selected Topics in Design                        | 2       | P - ARCH 202                |
| ARCH 514 | Community Design Workshop                        | 4       | P - ARCH 202                |
| ARCH 515 | Sustainable Design                               | 3       | P - ARCH 377                |
| ARCH 517 | Sustainable Residential Development              | 3       | P - ARCH 377                |
| ARCH 520 | Montreal: Urban Morphology                       | 3       | P - ARCH 251                |
| ARCH 521 | Structure of Cities                              | 3       | P - ARCH 202                |
| ARCH 523 | Significant Texts and Buildings                  | 3       | P - ARCH 251                |
| ARCH 525 | Seminar on Analysis and Theory                   | 3       | P - ARCH 202                |
| ARCH 526 | Philosophy of Structure                          | 3       | P - ARCH 202                |
| ARCH 527 | Civic Design                                     | 3       | P - ARCH 378                |
| ARCH 528 | History of Housing                               | 3       | P - ARCH 251                |
| ARCH 529 | Housing Theory                                   | 3       | P - ARCH 528                |
| ARCH 531 | Architectural Intentions Vitruvius - Renaissance | 3       | P - ARCH 251                |
| ARCH 532 | Origins of Modern Architecture                   | 3       | P - ARCH 251                |
| ARCH 533 | New Approaches to Architectural History          | 3       | P - ARCH 251                |
| ARCH 535 | History of Architecture in Canada                | 3       | P - ARCH 251                |
| ARCH 536 | Heritage Conservation                            | 3       | P - ARCH 251                |
| ARCH 540 | Selected Topics in Architecture 1                | 3       | -                           |
| ARCH 541 | Selected Topics in Architecture 2                | 3       | -                           |
| ARCH 564 | Design for Development                           | 3       | Permission of instructor    |
| ARCH 566 | Cultural Landscapes Seminar                      | 3       | -                           |
| OCC1 442 | Environments for the Disabled                    | 2       | P - ARCH 303                |

**Last update: April 14, 2015**

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