

CONSTRUCTION ENGINEERING AND MANAGEMENT MINOR (B.ENG.) (24 CREDITS)

Offered by: Civil Engineering (Faculty of Engineering)

Degree: Bachelor of Engineering

Program credit weight: 24

Program Description

This Minor covers construction project management, law related to construction, labour-management relations, financial accounting and project finance, in addition to topics in other construction-related fields, architecture or mining engineering.

All courses in the Minor must be passed with a grade of C or better.

A maximum of 12 credits of coursework in the student's major may double-count with the Minor.

Minor Adviser: Prof. L. Chouinard, Macdonald Engineering Building, Room 491 (Telephone: 514-398-6446)

Minor program credit weight: 24 credits

Note: This Minor is particularly designed for Civil Engineering students, but is open to all B.Eng. and B.Sc.(Arch.) students.

All courses in the Minor must be passed with a grade of C or better.

Note: For information about Fall 2025 and Winter 2026 course offerings, please check back on May 8, 2025. Until then, the "Terms offered" field will appear blank for most courses while the class schedule is being finalized.

Prerequisites

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Course	Title	Credits
CIVE 208	Civil Engineering System Analysis.	3
CIVE 302	Probabilistic Systems.	3
COMP 208	Computer Programming for Physical Sciences and Engineering.	3
FACC 300	Engineering Economy.	3

Required Courses: Management and Law (15 credits)

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Course	Title	Credits
CIVE 324	Sustainable Project Management.	3
FACC 220	Law for Architects and Engineers.	3
INDR 294	Introduction to Labour-Management Relations.	3
MGCR 211	Introduction to Financial Accounting.	3
MGCR 341	Introduction to Finance.	3

Complementary Courses (9 credits)

3 credits from List A

6 credits from List B

List A

Expand allContract all

Course	Title	Credits
ARCH 447	Energy, Environment, and Buildings 2.	3
ARCH 451	Building Regulations and Safety.	3
MIME 322	Fragmentation and Comminution.	3
MIME 333	Materials Handling.	3

List B

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Course	Title	Credits
CIVE 446	Construction Engineering.	3
CIVE 527	Renovation and Preservation: Infrastructure.	3
ECSE 461	Electric Machinery.	3
FINE 445	Real Estate Finance.	3
MIME 520	Stability of Rock Slopes.	3
MIME 521	Stability of Underground Openings.	3
MPMC 321	Mécanique des roches et contrôle des terrains.	3

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Course offered in French at École Polytechnique in Montreal