

CONSTRUCTION MANAGEMENT MINOR

Introduction

Please click here (<http://catalog.ucdenver.edu/cu-denver/undergraduate/schools-colleges-departments/college-engineering-design-computing/civil-engineering/>) to see civil engineering department information.

Construction management involves the design, planning and management of the construction, maintenance and disposal of the built environment. This includes buildings, transportation systems, utilities and commercial, industrial, residential and environmental projects. Examples include highways, bridges, airports, buildings, dams, reservoirs, light and high-speed rail systems, hospitals, laboratories, residential communities, utilities and environmental restoration projects.

The construction management minor is designed for CU Denver undergraduates in engineering, architecture, business and other related disciplines who want to grow their skills and expertise in the fields of construction and engineering. The curriculum has been developed with the encouragement and review of a team of industry professionals and allows students to learn skills to facilitate entry into the construction industry.

Program Delivery

- This is an on-campus program.

Declaring This Minor

- Click here (<http://catalog.ucdenver.edu/cu-denver/undergraduate/schools-colleges-departments/college-engineering-design-computing/#policiestext>) to go to information about declaring a minor.
- To enroll in the construction management minor, complete the top portion of the Construction Management Minor Coursework form (https://engineering.ucdenver.edu/docs/librariesprovider29/college-of-engineering-and-applied-science/civil-engineering/academic-program-documents/cm-minor-coursework-form-ay-20-21.pdf?sfvrsn=8918eab9_2). Email the form to civilengineering@ucdenver.edu or bring it to the Department of Civil Engineering office, located in North Classroom 3037.

General Requirements

Students must satisfy all requirements as outlined below and by the department offering the minor.

- Click here (<http://catalog.ucdenver.edu/cu-denver/undergraduate/academic-policies-procedures/>) for information about Academic Policies

Program Requirements

- All courses must be taken in residence CU Denver (no transfer hours). A minimum 2.0 GPA is required for courses applied to this minor with no individual course grade below C- (1.7).

Code	Title	Hours
CEMT 2100	Construction Management Fundamentals	3
CEMT 4236/5236	Project Management Systems	3

Select one of the following 3-6

CEMT 3231/5231	Construction Materials and Methods
ARCH 3130 & ARCH 3430	Construction Practices: Material and Structural Systems and Construction Practices: Building Envelope

CEMT Electives

Select one of the following 3

CEMT 2300	Heavy Civil Construction and Equipment
CEMT 3100	Field Engineering and Management
CEMT 4232/5232	Construction Planning and Control
CEMT 4233/5233	Construction Cost Estimating
CEMT 4234/5234	Sustainable Construction
CEMT 4240/5240	Building Information Modeling (BIM)
CEMT 4242/5242	Construction Safety
Another CEMT 3000 level or above, by permission only	

Total Hours 12-15

Note: Students may take two 5000-level CEMT courses and later apply them to CEM master's degree.