

# 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/records-registration/registration/declare-change-major-minor/>) to go to information about declaring a major/minor.
- To enroll in the construction management minor, complete the top portion of the Construction Management Minor Coursework form. Email the form to [civilengineering@ucdenver.edu](mailto:civilengineering@ucdenver.edu) or bring it to the Department of Civil Engineering office, located in North Classroom 3037.

## General Requirements

To earn a degree, students must satisfy all requirements in each of the areas below, in addition to their individual major requirements.

- CU Denver General Graduation Requirements (<http://catalog.ucdenver.edu/cu-denver/undergraduate/graduation/general-graduation-requirements/>)
- 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 4232/5232	Construction Planning and Control	3
Select one of the following		3-6

CEMT 4231/5231	Construction Materials and Methods	
ARCH 3130 & ARCH 3430	Construction Practices: Material and Structural Systems and Construction Practices: Building Envelope	
<b>CEMT Electives</b>		
Select one of the following		3
CEMT 2300	Heavy Civil Construction and Equipment	
CEMT 3100	Field Engineering and Management	
CEMT 4233/5233	Construction Cost Estimating	
CEMT 4234/5234	Sustainable Construction	
CEMT 4240/5240	Building Information Modeling (BIM)	
CEMT 4242/5242	Construction Safety	
CEMT 4236/5236	Project Management Systems	
or		
MGMT/ISMG 4900	Project Management and Practice	
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.