

CONSTRUCTION MANAGEMENT, BS

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.

The bachelor of science in construction management includes a solid foundation of construction engineering and management courses, engineering courses, courses from the Business School and College of Architecture and Planning.

Program Delivery

- This is an on-campus program.

Declaring This Major

- Click here (<http://catalog.ucdenver.edu/cu-denver/undergraduate/records-registration/registration/declare-change-major-minor/>) to go to information about declaring a major.

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/>)
- CU Denver Core Curriculum (<http://catalog.ucdenver.edu/cu-denver/undergraduate/graduation-undergraduate-core-requirements/>)
- College of Engineering, Design and Computing Graduation Requirements (<http://catalog.ucdenver.edu/cu-denver/undergraduate/schools-colleges-departments/college-engineering-design-computing/#graduationrequirements>)
- Click here (<http://catalog.ucdenver.edu/cu-denver/undergraduate/academic-policies-procedures/>) for information about Academic Policies

Program Requirements

- Students must maintain a minimum 2.0 GPA in all courses applying to major requirements.

Code	Title	Hours
CU Denver Core Curriculum		
Select 24 credits		24
Business		
BMIN 1000	Introduction to Business	3
BLAW 3050	Business Law and Ethics	3
Select three additional business courses from the following options:		9
<i>Business Fundamentals Minor</i>		
BMIN 3001	Fundamentals of Management and Marketing	
BMIN 3002	Fundamentals of Accounting and Finance	
BMIN 3004	Principles of Strategic Management	
<i>Entrepreneurship Certificate</i> ¹		
ENTP 3200	Essentials in Entrepreneurship	

ENTP 3230	Small Business Accounting and Finance	
ENTP 3299	Business Model Development & Planning	
Select three of the following:		
ACCT 2200	Financial Accounting and Financial Statement Analysis	
BANA 3000	Operations Management	
MGMT 3000	Managing Individuals and Teams	
MKTG 3000	Principles of Marketing	
MKTG 4700	Personal Selling and Sales Management	
Other courses with advisor approval		
Architecture		
ARCH 3330	Building Systems I	3
ARCH 3340	Theory of Structures I	3
ARCH 4340	Theory of Structures II	3
ARCH 4440	Building Systems II	3
Engineering		
CVEN 1025	Civil Engineering Graphics and Computer Aided Design	3
or MECH 1025	CAD and Graphics for Mechanical Engineering	
CVEN 2212	Surveying for Construction and Engineering	2
ENGR 1200	Fundamentals of Engineering Design Innovation	3
ENGR 1100	Fundamentals of Computational Innovation	3
or IWKS 2300	Fundamentals of Computational Innovation	
Construction		
CEMT 1000	Introduction to Construction Management	1
CEMT 2100	Construction Management Fundamentals	3
CEMT 2300	Heavy Civil Construction and Equipment	3
CEMT 3100	Field Engineering and Management	3
CEMT 4067	Construction Senior Capstone	3
CEMT 4231	Construction Materials and Methods	3
CEMT 4232	Construction Planning and Control	3
CEMT 4233	Construction Cost Estimating	3
CEMT 4234	Sustainable Construction	3
CEMT 4236	Project Management Systems	3
CEMT 4240	Building Information Modeling (BIM)	3
CEMT 4242	Construction Safety	3
CEMT 4939	Internship	1
Math and Science		
Select one of the following math courses:		4-6
MATH 1130	Precalculus Mathematics	
MATH 1401	Calculus I	
MATH 1110 & MATH 1120	College Algebra and College Trigonometry	
PHYS 2010	College Physics I	4
PHYS 2321	Intro Experimental Phys Lab I	1
Statistics		
Select one of the following:		3
CVEN 3611	Engineering Statistics	
MATH 2830	Introductory Statistics	
MATH 3800	Probability and Statistics for Engineers	
ELEC 3817	Engineering Probability and Statistics	
BANA 2010	Business Statistics	
Electives		

Select 11 credits of elective courses in math, science, architecture, business, engineering, construction or technical communication. 11

Total Hours 120-122

¹ Could earn a minor in Entrepreneurship by taking 2 additional ENTP courses as technical electives

Note

Up to two 5000-level CEMT or CVEN courses may be applied to a civil engineering master's degree.

To review the Degree Map for this program, please visit our website (<https://www.ucdenver.edu/student/advising/undergraduate/degree-maps/cedc/>).