

CONSTRUCTION MANAGEMENT (BS)

Degree Requirements and Curriculum

In addition to the program requirements listed on this page, students must also satisfy requirements outlined in more detail in the Minimum Requirements for Graduation (<https://catalog.calpoly.edu/academic-standards-policies/general-requirements-bachelors-degree/>) section of this catalog, including:

- 40 units of upper-division courses
- 2.0 GPA
- Graduation Writing Requirement (GWR)
- U.S. Cultural Pluralism (USCP)

Note: No Major or Support courses may be selected as credit/no credit. In addition, no more than 12 units of cooperative or internship courses can count towards your degree requirements.

Code	Title	Units
MAJOR COURSES		
CM 1113	Construction Materials and Assemblies	2
CM 1114	Mechanical, Electrical, and Plumbing Construction Materials and Assemblies	2
CM 1115	Fundamentals of Construction Management	4
CM 1280	Fundamentals of Virtual Design and Construction Management	3
CM 1413	Jobsite Construction Management	3
CM 2113	Soil Analysis and Construction of Foundations & Temporary Structures	2
CM 2114	Principles of Mechanical, Electrical, and Plumbing Building Systems	2
CM 2239	Construction Surveying	3
CM 3214	Residential Construction Management	4
CM 3313	Commercial Construction Management	4
CM 3314	Heavy Civil Construction Management	4
CM 3317	Sustainability and the Built Environment (Upper-Division 2/5) ¹	3
CM 3318	Housing and Communities (Upper-Division 4) ¹	3
CM 3334	Construction Law	2
CM 3335	Construction Economics, Finance, and Accounting	3
CM 4411	Specialty Contracting Construction Management	4
CM 4420	Professional Preparation	4
Select from the following:		3
ARCH 4415	Topics in Design	
ARCH 4435	Advanced Topics in Architectural Representation	
CM 4421	Interdisciplinary Practices	
CM 4475	Real Property Development Principles	
CRP 3303	Smart Cities	
CRP 3334	Cities in a Global World	
CRP 4325	Planning for Bicycling and Walking	
CRP 4433	Latino Urbanism	
CRP 4442	Planning and Housing	
CRP 4445	Green Infrastructure	
CRP 4455	Transportation Policy and Planning	
CRP 4458	Hazard Mitigation Planning and Resilient Design	
CRP 4481	Urban Design and Real Estate Development Case Studies	
LA 3304	Contemporary Issues in Cultural Landscapes	
LA 4410	Sustainability, Resilience, and Climate Ecology in Design	
LA 4413	Social Equity and Design	
LA 4417	Social and Behavioral Factors for Landscape Architecture	
LA 4418	Contemporary Issues in Landscape Architecture	
CM 4443	Management of the Construction Firm	2

CM 4450	Integrated Facility Development, Design, Construction, and Operations	3
CM 4461	Senior Project I	3
CM 4462	Senior Project II	3
SUPPORT COURSES		
ARCE 1121	Structural Principles I	3
ARCE 3301	Introduction to Structural Systems	4
BUS 2207	Legal Responsibilities of Business	3
BUS 2212	Financial Accounting for Nonbusiness Majors	3
or BUS 2214	Financial Accounting	
Select from the following:		3
BUS 2215	Managerial Accounting	
or any 3000-4000 level BUS course		
ECON 2001	Survey of Economics (4B) ¹	3
EDES 1123	Place, People, and the Built Environment	3
MATH 1261	Calculus I (2) ¹	4
PHYS 1141	General Physics I (5A & 5C) ¹	4
GENERAL EDUCATION		
(See GE program requirements below)		27
FREE ELECTIVES		
Free Electives		0
Total Units		123

¹ Required in Major or Support; also satisfies General Education (GE) requirement.

General Education (GE) Requirements

- 43 units required, 16 of which are specified in Major and/or Support.
- If any of the remaining 27 Units is used to satisfy a Major or Support requirement, additional units of Free Electives may be needed to complete the total units required for the degree.
- See the complete GE course listing (<https://catalog.calpoly.edu/academic-standards-policies/general-requirements-bachelors-degree/#generaleducationtext>).
- A grade of C- or better is required in one course in each of the following GE Areas: 1A (English Composition), 1B (Critical Thinking), 1C (Oral Communication), and 2 (Mathematics and Quantitative Reasoning).

Lower-Division General Education

Area 1	English Communication and Critical Thinking	
1A	Written Communication	3
1B	Critical Thinking	3
1C	Oral Communication	3
Area 2	Mathematics and Quantitative Reasoning	
2	Mathematics and Quantitative Reasoning (3 units in Support) ¹	0
Area 3	Arts and Humanities	
3A	Arts	3
3B	Humanities: Literature, Philosophy, Languages other than English	3
Area 4	Social and Behavioral Sciences (Area 4 courses must come from at least two different course prefixes.)	
4A	American Institutions (Title 5, Section 40404 Requirement)	3
4B	Social and Behavioral Sciences (3 units in Support) ¹	0
Area 5	Physical and Life Sciences	
5A	Physical Sciences (3 units in Support) ¹	0
5B	Life Sciences	3
5C	Laboratory (may be embedded in a 5A or 5B course) (1 units in Support) ¹	0
Area 6	Ethnic Studies	

6	Ethnic Studies	3
Upper-Division General Education		
Upper-Division 2/5	Mathematics and Quantitative Reasoning or Physical and Life Sciences (3 units in Major) ¹	0
Upper-Division 3	Arts and Humanities	3
Upper-Division 4	Social and Behavioral Sciences (Area 4 courses must come from at least two different course prefixes.) (3 units in Major) ¹	0
Total Units		27

¹ Required in Major or Support; also satisfies General Education (GE) requirement.