

Degree: Construction Management, B.S. 23-24				
Requirement Area	Course	Course Title	Prerequisites	Units
<b>First Semester (FALL)</b>				
E	GS 101A	Foundations of Success I		1
A1				3
B4	MATH 130	Calculus I		4
LD Major	CMGT 101	Introduction to Construction Management		3
LD Major	CMGT 142	Construction Graphics and Plans Reading		2
LD Major	PHYS 125	Principles of Physics I		4
		<b>Total:</b>		17
<b>Second Semester (SPRING)</b>				
E	GS 101B	Foundations of Success II		1
A2	ENGL 102			3
B1/B3 LD Major	CHEM 110	General Chemistry for Engineering		3
D1/LD Major	ECON 200	Principles of Microeconomics		3
F		Ethnic Studies		3
LD Major	PHYS 126	Principles of Physics II	PHYS 125	4
		<b>Total:</b>		17
<b>Third Semester (FALL)</b>				
E				1
A3	PHIL 100	Workshop in Critical Thinking		3
C1				3
D2/LD Major	PSYC 100	General Psychology		3
LD Major	CMGT 206	Construction Materials	All of: CHEM 110, CMGT 101, PHYS 125	3
Second Comp/Code 1	HIST 200			3
		<b>Total:</b>		16
<b>Fourth Semester (SPRING)</b>				
Code 2				3
C2				3
LD Major	CMGT 207	Construction Methods	CMGT 206	3
LD Major	CMGT 201	Surveying	MATH 130	2
LD Major	CMGT 310	Statics and Strength of Materials	PHYS 125	3
		<b>Total:</b>		14
<b>Fifth Semester (FALL)</b>				
Add'l C1 or C2*				3
UD Major	CMGT 360	Soil Mechanics and Building Foundations	CMGT 310	3
LD Major	ACCT 210	Introduction to Financial Accounting		3
UD Major	CMGT 345	Building Codes and Commissioning	CMGT 207	3
UD Major	CMGT 350	Construction Project Planning, Scheduling and Control	CMGT 207	4
		<b>Total:</b>		16
<b>Sixth Semester (SPRING)</b>				
UD Major	CMGT 325	Electrical and Mechanical Systems in Construction	PHYS 126	3
UD Major	MGMT 312	Human Resource Management		3
UD Major	CMGT 340	Construction Cost Estimation	Department Consent	3
B2/Sustainability Overlay	ENSC 240 (Recommended by Department)	Environmental Biology		3
UWR/UD-C/Overlay				3
		<b>Total:</b>		15
<b>Seventh Semester (FALL)</b>				
UD-D/Overlay				3
UD Major	CMGT 320	Construction Law		3
UD Major	CMGT 440	Construction Project Management	Department Consent	3
UD Major	CMGT 430	Environmental Issues and Green Building	CMGT 207	3
		<b>Total:</b>		12
<b>Eighth Semester (SPRING)</b>				
UD Major	CMGT 410	Building Information Modelling	CMGT 142	3
UD Major	CMGT 480	Construction Safety		3
UD Major	CMGT 493	Senior Project		4
Major elective/UD-B	*MGMT 350	Decision Science		3
		<b>Total:</b>		13
<b>Total Units:</b>				120

Note: No changes to, or from, the credit/no credit pattern are permitted after the Grade Type Change period. There are no exceptions to this rule. Courses in a student's major department, regardless of course prefix, may not be taken "CR/NC," unless that is the only grading pattern in the course.

Revised: 03/24/23

CSUEB General Breadth and Graduation Requirement Checklist	
<b>Area A (9 units): Communication in the English Language &amp; Critical Thinking (Must earn passing grade of C-/CR or better)</b>	
<input type="checkbox"/> A1. COMM 100 or 104, MLL 111	
<input type="checkbox"/> A2. ENGL 101, 102, or 104	
<input type="checkbox"/> A3. PHIL 100	
<b>Area B (9 units): Scientific Inquiry &amp; Quantitative Reasoning</b>	
<input type="checkbox"/> B1. Physical Science	
<input type="checkbox"/> B2. Life Science	
<input type="checkbox"/> B3. Laboratory Activity	
<input type="checkbox"/> B4. Quantitative Reasoning (Must earn passing grade of C-/CR or better.)	
<b>Area C (9 units): Arts &amp; Humanities - Minimum of two different disciplines as designated by course prefix (e.g., ART, THEA, MUS)</b>	
<input type="checkbox"/> C1. Arts	
<input type="checkbox"/> C2. Humanities	
<input type="checkbox"/> *Additional Lower-division Area C Course in Arts (C1) or Humanities (C2)	
<b>Area D (6 units): Social Sciences - Minimum of two different disciplines as designated by course prefix (e.g., ANTH, ECON, POSC)</b>	
<input type="checkbox"/> D1.	
<input type="checkbox"/> D2.	
<b>Area E (3 units): Lifelong Learning and Self-Development</b>	
<input type="checkbox"/> E.	
<b>Area F (3 units): Ethnic Studies</b>	
<input type="checkbox"/> F.	
<b>Second Composition: Requires completion of GE A2 with a C-/CR or better. Must be completed before attaining junior standing.</b>	
<input type="checkbox"/> Second Composition	
<b>University Writing Requirement</b>	
<input type="checkbox"/> UWR	
<b>U.S. Code (American Institutions Requirement) - Two courses (6 units) covering three U.S. Code Requirements of US-1 (U.S. History), US-2 (U.S. Constitution), and US-3 (California State &amp; Local Government).</b>	
<input type="checkbox"/> Code 1.	
<input type="checkbox"/> Code 2.	
<b>Upper Division GE Requirements (9 units): Should be taken after completion of A1, A2, A3, and B4 with a C- (CR)</b>	
<input type="checkbox"/> UD-B. Upper-division Science Inquiry and Quantitative Reasoning	
<input type="checkbox"/> UD-C. Upper-division Arts OR Humanities	
<input type="checkbox"/> UD-D. Upper-division Social Sciences	
<b>Overlay Requirements (9 units): Courses may be upper or lower division, and GE or major</b>	
<input type="checkbox"/> Diversity (Div)	
<input type="checkbox"/> Social Justice (SJ)	
<input type="checkbox"/> Sustainability (S)	
<b>Elective Courses</b>	
ACCT 215 - Introduction to Managerial Accounting Units: 3	
ACCT 302 - Cost Accounting Units: 3	
ACCT 220 - Legal Environment of Business Units: 3 ; G.E./G.R. Area: D1-2; Social Justice	
FIN 300 - Financial Management Units: 3	
FIN 480 - Real Estate Finance Units: 3	
FIN 482 - Real Estate Valuation Units: 3	
MGMT 314 - Leadership and Management Units: 3	
MGMT 350 - Decision Science Units: 3 ; G.E./G.R. Area: UD-B	
MGMT 364 - Global Supply Chain Management Units: 3	

\*or other recommended Elective course and a course in Area UD-B

**Students are required to take a minimum of 40 semester units as upper division (includes 9 units upper division GE)**