

Degree: Construction Management, B.S. 21-22				
Requirement Area	Course	Course Title	Prerequisites	Units
First Semester (FALL)				
E	GS 101A	Foundations of Success I		1
A1				3
B4	MATH 130	Calculus I		4
D1/LD Major	ECON 200	Principles of Microeconomics		3
LD Major	CMGT 142	Construction Graphics and Plans Reading		2
LD Major	PHYS 125	Principles of Physics I		4
			Total:	17
Second Semester (SPRING)				
E	GS 101B	Foundations of Success II		1
A2	ENGL 102			3
B1/B3 LD Major	CHEM 110	General Chemistry for Engineering		3
LD Major	CMGT 101	Introduction to Construction Management		3
F		Ethnic Studies		3
LD Major	PHYS 126	Principles of Physics II	PHYS 125	4
			Total:	17
Third Semester (FALL)				
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
			Total:	16
Fourth Semester (SPRING)				
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
			Total:	14
Fifth Semester (FALL)				
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	and Control	CMGT 207	4
			Total:	16
Sixth Semester (SPRING)				
UD Major	CMGT 325	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
			Total:	12
Seventh Semester (FALL)				
UD-D/Overlay				3
UD-C/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
			Total:	15
Eighth Semester (SPRING)				
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
			Total:	13
Total Units:				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.

CSUEB General Breadth and Graduation Requirement Checklist	
Area A (9 units): Communication in the English Language & Critical Thinking (Must earn passing grade of C-/CR or better)	
<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	
Area B (9 units): Scientific Inquiry & Quantitative Reasoning	
<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.)	
Area C (9 units): Arts & Humanities - Minimum of three different disciplines as designated by course prefix (e.g., ART, THEA, MUS)	
<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)	
Area D (6 units): Social Sciences - Minimum of three different disciplines as designated by course prefix (e.g., ANTH, ECON, POSC)	
<input type="checkbox"/> D1.	
<input type="checkbox"/> D2.	
Area E (3 units): Lifelong Learning and Self-Development	
<input type="checkbox"/> E.	
Area F (3 units): Ethnic Studies	
<input type="checkbox"/> F.	
Second Composition : Requires completion of GE A2 with a C-/CR or better. Must be completed before attaining junior standing.	
<input type="checkbox"/> Second Composition	
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 & Local Government).	
<input type="checkbox"/> Code 1.	
<input type="checkbox"/> Code 2.	
Upper Division GE Requirements (9 units): Should be taken after completion of A1, A2, A3, and B4 with a C- (CR)	
<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-. Upper-division Social Sciences	
Overlay Requirements (9 units): Courses may be upper or lower division, and GE or major	
<input type="checkbox"/> Diversity (Div)	
<input type="checkbox"/> Social Justice (SJ)	
<input type="checkbox"/> Sustainability (S)	
Elective Courses	
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	

Degree: Construction Management, B.S.				
Requirement Area	Course	Course Title	Prerequisites	Units
First Semester				
E	GS 101A	Foundations of Success I		1
A1				3
B4	MATH 130	Calculus I		4
LD Major	CMGT 142	Construction Graphics and Plans Reading		2
LD Major	PHYS 125	Principles of Physics I		4
	ENGL 100 or 103			3
	ENGL 109			1
			Total:	18
Second Semester				
E	GS 101B	Foundations of Success II		1
A2	ENGL 101 or 104			3
	ENGL 109			1
B1/B3 LD Major	CHEM 110	General Chemistry for Engineering		3
LD Major	CMGT 101	Introduction to Construction Management		3
LD Major	PHYS 126	Principles of Physics II	PHYS 125	4
			Total:	15
Third Semester				
E				1
A3	PHIL 100	Workshop in Critical Thinking		3
C1				3
LD Major	PSYC 100	General Psychology		3
LD Major	CMGT 206	Construction Materials	CMGT 101, PHYS	3
Second Comp/Code 1	HIST 200			3
			Total:	16
Fourth Semester				
D1/LD Major	ECON 200	Principles of Microeconomics		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

F				3
			Total:	17
Fifth Semester				
Code 2/D2				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 Comissioning	CMGT 207	3
UD Major	CMGT 350	Construction Project Planning, Scheduling and	CMGT 207	4
			Total:	16
Sixth Semester				
UD Major	CMGT 325	Electrical and Mechanical Systems in Construc	PHYS 126	3
UD Major	MGMT 312	Human Resource Management		3
UD Major	CMGT 340	Construction Cost Estimation	Consent	3
B2/Sustainability	ENSC 240 (Recommended b	Environmental Biology		3
C3				3
			Total:	15
Seventh Semester				
UD-D/Overlay				3
UD-C/Overlay				3
UD Major	CMGT 320	Construction Law		3
UD Major	CMGT 440	Construction Project Management	Consent	3
UD Major	CMGT 430	Environmental Issues and Green Building	CMGT 207	3
			Total:	15
Eighth Semester				
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
			Total:	13
Total Units:				125

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

Degree: Construction Management, B.S.				
Requirement Area	Course	Course Title	Prerequisites	Units
First Semester				
E	GS 101A	Foundations of Success I		1
A1				3
A3	PHIL 100	Workshop in Critical Thinking		3
B4	MATH 115E			4
LD Major	CMGT 101	Introduction to Construction Management		3
D1/LD Major/Social Justice Overlay	ECON 200	Principles of Microeconomics		3
LD Major	CMGT 142	Construction Graphics and Plans Reading		2
			Total:	16
Second Semester				
E	GS 101B	Foundations of Success II		1
A2	ENGL 102			3
B1/B3 LD Major	CHEM 110	General Chemistry for Engineering		3
E				1
	MATH 120	Precalculus		3
C2				3
C1				3
			Total:	17
Third Semester				
A1				3
LD Major	PHYS 125	Principles of Physics I	Satisfactory score of 78 or higher on Math Proficiency Assessment or MATH 120	4
LD Major	PSYC 100	General Psychology		3
LD Major	CMGT 206	Construction Materials	CMGT 101, PHYS	3
B4	MATH 130	Calculus I		4
			Total:	17

Fourth Semester				
Second Comp/Code 1	HIST 200			3
LD Major	PHYS 126	Principles of Physics II	PHYS 125	4
LD Major	CMGT 207	Construction Methods	CMGT 206	3
LD Major	CMGT 201	Surveying	MATH 130	2
Add'l C1 or C2*				3
			Total:	15
Fifth Semester				
LD Major	CMGT 310	Statics and Strength of Materials	PHYS 125	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	and Control	CMGT 207	4
			Total:	16
Sixth Semester				
UD Major	CMGT 325	Construction	PHYS 126	3
UD Major	MGMT 312	Human Resource Management		3
UD Major	CMGT 340	Construction Cost Estimation	Consent	3
B2/Sustainability Overlay	by Department)	Environmental Biology		3
UD Major	CMGT 360	Soil Mechanics and Building Foundations	CMGT 310	3
			Total:	15
Seventh Semester				
UD-D/Overlay				3
UD-C				3
UD Major	CMGT 320	Construction Law		3
UD Major	CMGT 440	Construction Project Management	Consent	3
UD Major	CMGT 430	Environmental Issues and Green Building	CMGT 207	3
			Total:	15
Eighth Semester				
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
D2/Code 2				3

			Total:	16
Total Units:				127

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

Degree: Construction Management, B.S.

Requirement Area	Course	Course Title	Prerequisites	Units
First Semester				
E	GS 101A	Foundations of Success I		1
	MATH 115E			4
LD Major	CMGT 101	Introduction to Construction Management		3
D1/LD Major	ECON 200	Principles of Microeconomics		3
LD Major	CMGT 142	Construction Graphics and Plans Reading		2
	ENGL 100 or 103			3
	ENGL 109			1
			Total:	17
Second Semester				
E	GS 101B	Foundations of Success II		1
A2	ENGL 101 or 104			3
	ENGL 109			1
B1/B3 LD Major	CHEM 110	General Chemistry for Engineering		3
A1				3
	MATH 120	Precalculus		3
A3	PHIL 100	Workshop in Critical Thinking		3
			Total:	17
Third Semester				
E				1
LD Major	PHYS 125	Principles of Physics I	Satisfactory score	4
F				3
LD Major	PSYC 100	General Psychology		3
LD Major	CMGT 206	Construction Materials	CMGT 101, PHYS	3
B4	MATH 130	Calculus I		4
			Total:	18
Fourth Semester				
200	HIST 200			3
LD Major	PHYS 126	Principles of Physics II	PHYS 125	4
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
C1				3

			Total:	18
Fifth Semester				
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	and Control	CMGT 207	4
			Total:	16
Sixth Semester				
UD Major	CMGT 325	Construction	PHYS 126	3
UD Major	MGMT 312	Human Resource Management		3
UD Major	CMGT 340	Construction Cost Estimation	Consent	3
Overlay	by Department)	Environmental Biology		3
C2				3
			Total:	15
Seventh Semester				
UD-D/Overlay				3
UD-C				3
UD Major	CMGT 320	Construction Law		3
UD Major	CMGT 440	Construction Project Management	Consent	3
UD Major	CMGT 430	Environmental Issues and Green Building	CMGT 207	3
			Total:	15
Eighth Semester				
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
D2/Code 2				3
			Total:	16
Total Units:				132

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

CSUEB General Breadth and Graduation Requirement Checklist
Area A (9 units): Communication in the English Language & Critical Thinking (Must earn passing grade of C-/CR or better)
<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
Area B (9 units) : Scientific Inquiry & Quantitative Reasoning
<input type="checkbox"/> B1. Physical Science
<input type="checkbox"/> B2. Life Science
<input type="checkbox"/> B3. Laboratory Activity
better.)
as designated by course prefix (e.g., ART, THEA, MUS)
<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)
Area D (6 units) : Social Sciences - Minimum of three different disciplines as
<input type="checkbox"/> D1.
<input type="checkbox"/> D2.
Area E (3 units) : Lifelong Learning and Self-Development
<input type="checkbox"/> E.
Area F (3 units): Ethnic Studies
<input type="checkbox"/> F.
Second Composition : Requires completion of GE A2 with a C-/CR or better.
<input type="checkbox"/> Second Composition
U.S. Code (American Institutions Requirement) - Two courses (6 units)
<input type="checkbox"/> Code 1.
<input type="checkbox"/> Code 2.
of A1, A2, A3, and B4 with a C- (CR)
<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-. Upper-division Social Sciences
and GE or major
<input type="checkbox"/> Diversity (Div)
<input type="checkbox"/> Social Justice (SJ)
<input type="checkbox"/> Sustainability (S)
Elective Courses

ACCT 215 - Introduction to Managerial Accounting Units: 3
ACCT 302 - Cost Accounting Units: 3
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

Degree: Construction Management, B.S.				
Requirement Area	Course	Course Title	Prerequisites	Units
First Semester				
E	GS 101A	Foundations of Success I		1
A1				3
LD Major	CMGT 142	Construction Graphics and Plans Reading		2
LD Major	PHYS 125	Principles of Physics I		4
B4	MATH 125	Precalculus		5
			Total:	15
Second Semester				
E	GS 101B	Foundations of Success II		1
A2	ENGL 102			3
B1/B3 LD Major	CHEM 110	General Chemistry for Engineering		3
LD Major	CMGT 101	Introduction to Construction Management		3
B4	MATH 130	Calculus I		4
LD Major	PHYS 126	Principles of Physics II	PHYS 125	4
			Total:	18
Third Semester				
E				1
A3	PHIL 100	Workshop in Critical Thinking		3
D1/LD Major	ECON 200	Principles of Microeconomics		3
LD Major	PSYC 100	General Psychology		3
LD Major	CMGT 206	Construction Materials	CMGT 101, PHYS	3
Second Comp/Code 1	HIST 200			3
			Total:	16
Fourth Semester				
C1				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
			Total:	14
Fifth Semester				

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	and Control	CMGT 207	4
F				3
			Total:	16
Sixth Semester				
UD Major	CMGT 325	Construction	PHYS 126	3
UD Major	MGMT 312	Human Resource Management		3
UD Major	CMGT 340	Construction Cost Estimation	Consent	3
Overlay	by Department)	Environmental Biology		3
Add'l C1 or C2*				3
			Total:	15
Seventh Semester				
UD-D/Overlay				3
UD-C				3
UD Major	CMGT 320	Construction Law		3
UD Major	CMGT 440	Construction Project Management	Consent	3
UD Major	CMGT 430	Environmental Issues and Green Building	CMGT 207	3
			Total:	15
Eighth Semester				
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
D2/Code 2				3
			Total:	16
Total Units:				125

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