

This MAP is a recommended sequence of courses for the major in Construction Management.

Refer to the SDSU General Catalog for a complete description of requirements and credit limitations.

FALL			FIRST YEAR		SPRING		
<u>SEMESTER 1</u>		UNITS	<u>SEMESTER 2</u>		UNITS		
GE Written Composition:		3	GE Oral Communication:		3		
GE Math/Major Preparation:	MATH 150	4	GE Social & Behavioral Sci/Major Prep:	ECON 101 or 102	3		
GE Humanities /Major Preparation:	CONE 101	3	GE Arts & Humanities / Major Preparation:	PHIL 101	3		
Major Preparation:	CHEM 100	4	GE Natural Sciences/Major Preparation:	PHYS 180A	3		
Major Preparation:	CONE 102	1	GE Life Sciences-Lab/ Major Preparation:	PHYS 182A	1		
			Major Preparation:	STAT 119	3		
Total Units		15	Total Units		16		
Cumulative Total		15	Cumulative Total		31		

In SEMESTER 4 (spring) Take the Writing Placement Assessment Exam

FALL			SECOND YEAR		SPRING		
<u>SEMESTER 3</u>		UNITS	<u>SEMESTER 4</u>		UNITS		
GE Critical Thinking		3	GE Natural Sciences/major prep [Change]	GEOL 100	3		
Major Preparation:	PHYS 180B	3	Major Preparation:	CONE 201	3		
Major Preparation:	CIVE 225	3	Major Preparation:	CONE 215	3		
Major Preparation:	CIVE 218	3	Major Preparation:	CONE 240	3		
Major Preparation:	ACCTG 201	3	Major Preparation:	CONE 262	3		
			Major Preparation:	CONE 280	3		
Total Units		15	Total Units		18		
Cumulative Total		46	Cumulative Total		64		

FALL			THIRD YEAR		SPRING		
<u>SEMESTER 5</u>		UNITS	<u>SEMESTER 6</u>		UNITS		
Major:	CIVE 301	3	GE Social and Behavioral Science/American Institutions/Ethnic Studies		3		
Major:	CONE 301	3	GE Arts & Humanities: Arts		3		
Major:	CONE 312	3	Major:	CONE 340	3		
Major:	CONE 320	3	Major:	CONE 350	3		
Major:	CONE 330	3	Major:	BA 350	3		
Total Units		15	Total Units		15		
Cumulative Total		79	Cumulative Total		94		

FALL			FOURTH YEAR		SPRING		
<u>SEMESTER 7</u>		UNITS	<u>SEMESTER 8</u>		UNITS		
GE Exploration: Humanities/Cultural Diversity		3	Major:	CONE 495	3		
GE Social and Behavioral Science/American Institutions/Ethnic Studies		3	Major:	CONE 590	3		
Major:	CONE 400	3	Major:	Technical Elective A*	2		
Major:	CONE 401	3	Major:	Technical Elective B**	3		
GE Natural Sciences/ Major:	ENVE 320	3					
Total Units		15	Total Units		11		
Cumulative Total		109	Total for Degree		120		

*Technical Elective A 2 units of CON E 499

**Technical Elective B choose 3 units from Technical Electives: CON E 520, ACCTG 202, BA 360, FIN 331 or 437, MGMT 352

This map considers the potential changes approved by SDSU Senate and awaiting review at the Chancellor's Office Level

Legend - GE Areas:

	Communication & Critical Thinking
	Natural Sciences
	Social & Behavioral Sciences
	Humanities

New Construction Management (CONM) major

Approved to start during Fall 2021.

(Excerpts from the proposal approved by CSU System in October 2020)

1. Narrative description of the program

Construction management addresses the ever-changing conditions of construction projects. The major prepares students to manage critical issues as the industry evolves to deliver more resilient infrastructure (e.g., airports, bridges, dams, new forms of water recovery/recycling, roads, water distribution and treatment) and sustainable commercial, housing, and infrastructure projects. Construction managers are expected to bridge the gap between architects, communities, engineers, owners, regulatory agencies, suppliers, and trades in public and private sectors. The profession requires graduates with strong communication skills who are able to engage with professionals and the local community, while negotiating differences and evaluating the consequences of their actions.

2. Admission requirements

The construction management major is an impacted program. To be admitted to the construction management major, students must meet the following criteria:

- a. *Complete with a grade of C (2.0) or better: Civil Engineering 225, Chemistry 100, Mathematics 150, Physics 180A, 180B. These courses cannot be taken for credit/no credit (Cr/NC);*
- b. *Have an overall cumulative GPA of 2.7.*

To complete the major, students must fulfill the degree requirements for the major described in the catalog in effect at the time they are accepted into the pre-major at SDSU (assuming continuous enrollment).

Please note that all SDSU majors and pre-majors are impacted as described in the university's catalog:

“All San Diego State University majors and pre-majors are designated as impacted, meaning they have more students wanting to declare that major than can be accommodated. Students who are admitted to SDSU are placed in the pre-major of that program (if all requirements are met at the time of admission).

All premajors must meet department-specific criteria to move from the premajor to the major, such as a specified minimum grade point average, completion of prerequisite courses, tests, and completion of a certain number of units. Students are advised to review the degree evaluation in WebPortal and review the Major Prep section for details on the impactation requirements for their major. In addition, students should refer to the General Catalog of the year in which they declared a major for official requirements.” (Available at: https://advising.sdsu.edu/majors/impacted_majors on 09/22/2020)

3. A list of all required courses for graduation including electives, specifying course catalog numbers, course titles, prerequisites or co-requisites (ensuring there are no “hidden prerequisites” that would drive the total units required to graduate beyond the total reported in 2e above), course unit requirements, and any units associated with demonstration of proficiency beyond what is included in university admission criteria.

[Course units are indicated in parenthesis]

- *All candidates for a degree in applied arts and sciences must complete the graduation requirements listed in the section of this catalog on “Graduation Requirements.”*

- *A minor is not required for this major.*
- *Preparation for the Major. Construction Engineering 101 (3), 102 (1), 201 (3), 215 (3), 240 (3), 262 (3), 280 (3); Accountancy 201 (3); Geology 100 (3); Chemistry 100 (4); Civil Engineering 218 (3), 225 (3); Economics 101 (3) or 102 (3); Mathematics 150 (4); Philosophy 101 (3); Physics 180A (3), 180B (3), 182A (1); Statistics 119 (3). (55 units)*
- *Chemistry 100 (4); Civil Engineering 225 (3); Mathematics 150 (4); Physics 180A (3), and 180B (3) must be completed with a grade of C (2.0) or better. These courses cannot be taken for credit/no credit (Cr/NC).*
- *Graduation Writing Assessment Requirement. Passing the Writing Placement Assessment with a score of 10 or completing one of the approved upper division writing courses (W) with a grade of C (2.0) or better. See “Graduation Requirements” section for a complete listing of requirements.*
- *Major 44 units total:*
 - *A minimum of 42 upper division units to include Construction Engineering 301 (3), 312 (3), 320 (3), 330 (3), 340 (3), 350 (3), 400 (3), 401 (3), 495 (3), 590 (3); Business Administration 350 (3); Civil Engineering 301 (3); Environmental Engineering 320 (3), and three units selected from the following Technical Electives: Construction Engineering 520 (3); Accounting 202 (3); Business Administration 360 (3); Finance 331 (3) or 437 (3); Management 352 (3). (Please note that Philosophy 332 (3) was a required course for the major in the original proposal. In the revised version, students can choose any course in CSU Area C Explorations Humanities – Area IV-C at SDSU.)*
 - *2 units of Construction Engineering 200B (new course to address experiential learning in Construction Management.)*

(Observation: Please note that the underlined courses have been changed/added since the original proposal was approved at SDSU in 2019 to reflect potential changes to reduce the numbers of units in the major considering: 1. Changes of courses in the major; OR 2. The GE requirements exceptions requested by the College of Engineering at SDSU, where this major will be offered. These changes were also made considering ABET requirements.)

4. Total units required to complete the degree

120 according to the review submitted to the College of Engineering and CSU in May 2020. (127 as originally submitted)