

**PROGRESSIVE DEGREE PROGRAM
COURSE PLAN TEMPLATE**

USC SCHOOL	Viterbi School of Engineering
ACADEMIC DEPARTMENT	Sony Astani Civil and Environmental Engineering
GRADUATE PROGRAM	Construction Management
POST CODE	975
TERM EFFECTIVE DATE	Spring 2021

PROGRAM DESCRIPTION

A brief description of the graduate program.

Students possessing a bachelor's degree and with sufficient training in capital management and statistics may pursue the Master of Construction Management. The purpose of the Master of Construction Management program is to educate and train multidisciplinary professionals to understand and execute the broad array of technical and non-technical activities associated with construction management. The program provides special attention to the function of the constructor in real estate development.

The Master of Construction Management (MCM) is an interdisciplinary program with the participation of five graduate schools. It reflects USC signature blend of professional and liberal education, and educates multidisciplinary professionals to understand and execute the broad array of technical and non-technical activities associated with construction management.

COMMON BACHELOR DEGREE PROGRAM PATHWAYS

A list of common bachelor's degrees that undergraduate students pursue in advance of pursuing a progressive degree option with this graduate program. Some programs are restricted to certain majors while others are open to all students.

BS, Business Administration	BS, Public Policy
BS, Architecture	BS, Real Estate Development
BS, Civil Engineering	<i>This program is open to many majors the majors listed here are common but not comprehensive</i>

PREPARATORY UNDERGRADUATE COURSES

A list of courses at the undergraduate level that prepare students for the graduate program. Required coursework is listed first, followed by recommended courses. If not applicable, this section will be blank.

Dept. Prefix - Course #	Course Title	Required or Recommended	Units
CE 460	Construction Engineering	Recommended	4

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UNDERGRADUATE COURSES USED TO REDUCE GRADUATE LEVEL UNITS

A list of undergraduate level courses that may be used to reduce the number of graduate level units required for the graduate program. If there are none, that is specified instead.

Dept. Prefix - Course #	Course Title	Units
	NONE	

CORE GRADUATE PROGRAM REQUIREMENTS (# units required)

A list of all required graduate courses for the graduate program. None of these courses may be used toward satisfying undergraduate degree requirements.

If special exceptions for any of these courses are made by the academic department, the course # is marked with an asterisk () and the exception is explained in the "Department Notes" section at the end of this course plan template.*

Dept. Prefix - Course #	Course Title	Units
CE 501	Construction Practices	4
CE 502	Construction Accounting, Finance, and Strategy	4
CE 564	Construction Planning and Preconstruction	4
CE 569	Project Controls	4

PRE-APPROVED ELECTIVE COURSEWORK

Elective coursework is approved at the discretion of the academic department. Note the following details about the total number and units required of elective coursework.

16

TOTAL ELECTIVE UNITS REQUIRED FOR THE TRADITIONAL GRADUATE DEGREE

6

TOTAL ELECTIVE UNITS REQUIRED FOR THE PROGRESSIVE GRADUATE DEGREE

TOTAL UNIT COUNTS AND REQUIRED GRADUATE UNITS

32

TOTAL UNITS REQUIRED FOR THE TRADITIONAL GRADUATE DEGREE

10

TOTAL GRADUATE UNITS THAT MAY BE WAIVED (IF ANY)

22

MINIMUM NUMBER OF GRADUATE UNITS THAT MUST BE AT THE 500 LEVEL OR ABOVE

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NOTES FROM THE DEPARTMENT

This section highlights any unique considerations, exceptions, or requirements for the graduate program. If a program has specific restrictions (courses, majors, etc.), they are detailed below.

Pre-Approved Electives

CE 505: Data Management

CE 568: Fundamental Concepts of Computing & Programming in Civil & Environmental Engineering

CE 573: Advanced Technologies in AEC Practices

CE 574: Means & Methods

CE 575: Sustainability & Well-Being & Innovation in the Built Environmental

CE 578: Technology Enabled Integrated Design, an Architecture, Engr. and Construction Capstone

ARCH 511L: Building Systems: Materials & Construction

ARCH 513L: Seminar: Advanced Structures

ARCH 515L: Seminar: Advanced Environmental Systems

RED 510: Real Estate Practices & Principles

RED 511: Foundations of Real Estate Analysis

RED 512: Real Estate Project Analysis

MOR 569: Negotiation & Deal-Making

Kelly Goulis

April 27, 2021

Authorizing Dean's Name

Date Approved

Senior Associate Dean, Viterbi School of Engineering

Authorizing Dean's Title