

Civil Engr. (Building Science)

FIRST YEAR		SECOND YEAR		THIRD YEAR		FOURTH YEAR	
FALL	SPRING	FALL	SPRING	FALL	SPRING	FALL	SPRING
ENGR 102	CE 108	CE 106	CE 225	CE 119	CE 457	CE 334L	CE 460
PHYS 151L	PHYS 152L	CE 215	CE 309	CE 358L	CE 458	CE 408	ARCH 405bL
 MATH 126	MATH 226	ARCH 205aL	ARCH 114	CE 456	CE 467L	ARCH 214bg	GEOL 305L
WRIT 150	GEN ED	MATH 245	ARCH 205bL	ARCH 305aL	ARCH 305bL	ARCH 405aL	GEN ED
 GEN ED	OPTIONAL ELECTIVE	 CHEM 105aL	GEN ED	GEN ED	OPTIONAL ELECTIVE	WRIT 340	OPTIONAL ELECTIVE

ENGINEERING

CE 106: Introduction to Civil Engineering
CE 108: Intro. to Computer Methods in Civil Engr.
CE 119: Probability Concepts & Civil Engineering
CE 215: Statics & Dynamics
CE 225: Mechanics of Deformable Bodies
CE 309: Fluid Mechanics
CE 334L: Mechanical Behavior of Materials
CE 358L: Elementary Theory of Structures
CE 408: Risk & Decision Analysis in Civil Engr.
CE 456: Structural Design I
CE 457: Structural Design II
CE 458: Computational Structural Analysis
CE 460: Construction Engineering
CE 467L: Geotechnical Engineering
ENGR 102: Engineering Freshman Academy

ARCHITECTURE

ARCH 114: Architecture: Culture & Community
ARCH 205abl: Building Science I
ARCH 214bg: World History of Architecture
ARCH 305abl: Building Science II
ARCH 405abl: Building Science III

MATHEMATICS

MATH 126: Calculus II
MATH 226: Calculus III
MATH 245: Mathematics of Phys. & Engr.

SCIENCE

CHEM 105aL: General Chemistry
GEOL 305L: Intro. to Engineering Geology
PHYS 151L: Mechanics & Thermodynamics
PHYS 152L: Electricity & Magnetism

GENERAL EDUCATION

As a USC Viterbi student your General Education (Gen Ed) curriculum will include courses in the Arts, Humanistic Inquiry and Social Analysis.

WRITING

WRIT 150: Writing & Critical Reasoning
WRIT 340: Advanced Writing

ELECTIVES

Your optional electives are one way to build engineering+ into your curriculum by choosing classes of interest to you.



Courses with this symbol may be satisfied with certain AP, IB or A-Level exams.

With each requirement you replace with prior credit, you increase your optional electives, creating more flexibility for you to pursue additional electives and increase your engineering+ education.

This is a simplified version of a complex curriculum with options and choices made between advisor and student. Course choices can vary by semester and adjust to include relevant topics and materials. Although every attempt has been made to ensure accuracy, the program requirements listed in the USC Catalogue supersede any information which may be contained in this or any other publication of any school or department. The information found in this document is not intended for advising purposes. The University reserves the right to change its policies, rules, regulations, requirements and course offerings at any time.