

Civil Engr. (Environmental)

FIRST YEAR		SECOND YEAR		THIRD YEAR		FOURTH YEAR	
FALL	SPRING	FALL	SPRING	FALL	SPRING	FALL	SPRING
CE 110	CE 108	CE 119	CE 225	CE 358L	CE 363L	CE 410L	CE 467L
ENGR 102	MATH 226	CE 215	CE 309	CE 408	CE 402	WRIT 340	CE 480
MATH 126	PHYS 151L	ENE 215	ENE 200	CE 456	CE 451	GEN ED	CE 485
CHEM 105aL	GEN ED	MATH 245	CHEM 105bL	ISE 460	CHE 330	GEN ED	ENE 428
WRIT 150	GEN ED	PHYS 152L	OPTIONAL ELECTIVE	GEN ED	BISC 220L	OPTIONAL ELECTIVE	OPTIONAL ELECTIVE
OPTIONAL ELECTIVE				OPTIONAL ELECTIVE			

ENGINEERING

CE 108: Intro to Computer Methods in Civil Engr.
CE 110: Introduction to Environmental Engineering
CE 119: Probability Concepts & Civil Engineering
CE 215: Statics & Dynamics
CE 225: Mechanics of Deformable Bodies
CE 309: Fluid Mechanics
CE 358L: Elementary Theory of Structures
CE 363L: Water Chemistry & Analysis
CE 408: Risk & Decision Analysis in Civil Engr.
CE 410L: Introduction to Environmental Engineering Microbiology
CE 451: Water Resources & Coastal Engineering
CE 456: Structural Design
CE 467L: Geotechnical Engineering
CE 480: Civil & Environmental Engineering Capstone Design
CE 485: Wastewater Treatment Design
CHE 330: Chemical Engineering Thermodynamics
ENE 200: Environmental Engineering Principles
ENE 215: Energy Systems & Environmental Tradeoffs
ENE 428: Air Pollution Fundamentals
ENGR 102: Engineering Freshman Academy
ISE 460: Engineering Economy

MATHEMATICS

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

SCIENCE

BISC 220L: Cell Biology & Physiology
CHEM 105aL: General Chemistry
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.