

Computer Science

FIRST YEAR		SECOND YEAR		THIRD YEAR		FOURTH YEAR	
FALL	SPRING	FALL	SPRING	FALL	SPRING	FALL	SPRING
CSCI 102L	CSCI 103L	CSCI 104L	CSCI 201L	CSCI 310	CSCI 353	CSCI 360	CSCI 350
ENGR 102	CSCI 170	EE 109L	CSCI 270	TECHNICAL ELECTIVE	CSCI 356	TECHNICAL ELECTIVE	CSCI 401 or 404
MATH 125	MATH 126	MATH 226	MATH 225	BASIC SCIENCE	EE 364 or MATH 407	WRIT 340	TECHNICAL ELECTIVE
WRIT 150	GEN ED	GEN ED	BASIC SCIENCE	GEN ED	GEN ED	REQUIRED ELECTIVE	GEN ED
GEN ED	OPTIONAL ELECTIVE	OPTIONAL ELECTIVE	OPTIONAL ELECTIVE	OPTIONAL ELECTIVE	OPTIONAL ELECTIVE	OPTIONAL ELECTIVE	OPTIONAL ELECTIVE

ENGINEERING

CSCI 102L: Fundamentals of Computation
CSCI 103L: Introduction to Programming
CSCI 104L: Data Structures & Object-Oriented Design
CSCI 170: Discrete Methods in Computer Science
CSCI 201L: Principles of Software Development
CSCI 270: Introduction to Algorithms & Theory of Computing
CSCI 310: Software Engineering
CSCI 350: Introduction to Operating Systems
CSCI 353: Introduction to Internetworking
CSCI 356: Introduction to Computer Systems
CSCI 360: Introduction to Artificial Intelligence
CSCI 401: Capstone: Design & Construction of Large Software Systems
CSCI 404: Capstone: Creating Your High-Tech Startup
EE 109L: Introduction to Embedded Systems
EE 364: Introductions to Probability & Statistics or **MATH 407:** Probability Theory
ENGR 102: Engineering Freshman Academy
TECHNICAL ELECTIVES: Specialized upper division courses you choose for your major/specialization.

MATHEMATICS

MATH 125: Calculus I
MATH 126: Calculus II
MATH 226: Calculus III
MATH 225: Linear Algebra & Differential Equations

BASIC SCIENCE

Choose from Biology, Chemistry, or Physics. Both courses must be taken in sequence in the same subject.

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.