

Computer Science (Games)

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 ELECTIVE	CSCI ELECTIVE	CSCI 491aL	CSCI 491bL
ENGR 102	CSCI 170	GAMES ELECTIVE	CSCI 270	MATH 225 or EE 141L	GEN ED	GEN ED	WRIT 340
CTIN 190	GAMES ELECTIVE	MATH 126	CTIN 484L	GEN ED	REQUIRED ELECTIVE	REQUIRED ELECTIVE	GEN ED
CTIN 488	MATH 125	PHYS 151L	CTIN 489	GEN ED	OPTIONAL ELECTIVE	REQUIRED ELECTIVE	REQUIRED ELECTIVE
GEN ED	WRIT 150	OPTIONAL ELECTIVE	ITP 380	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 491aL: Final Game Project
CSCI 491bL: Final Game Project
CTIN 190: Introduction to Interactive Entertainment
CTIN 484L: Intermediate Game Development
CTIN 488: Game Design Workshop
CTIN 489: Intermediate Game Design Workshop
ENGR 102: Engineering Freshman Academy
ITP 380: Video Game Programming
CSCI & GAMES ELECTIVES: Specialized upper division courses you choose for your major/ specialization.

MATHEMATICS

MATH 125: Calculus I
MATH 126: Calculus II
MATH 225: Linear Algebra & Differential Equations or **EE 141L:** Applied Linear Algebra for Engineering

SCIENCE

PHYS 151L: Mechanics & Thermodynamics

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.