



Sample four-year program for Computer Science (181 units)			
	FALL	WINTER	SPRING
Freshman (40 units)	ICS 21 (6 units)	ICS 22 (6 units)	ICS 23 (4 units)
	Math 2A (4 units)	Math 2B (4 units)	ICS 6B/Math 6B (4 units)
	UC Entry Level Writing (4 units)	Gen. Ed. (I) (4 units)	Gen. Ed. (I) (4 units)
	(14 units)	(14 units)	(12 units)
Sophomore (52 units)	ICS 51 (6 units)	ICS 52 (6 units)	CS UD Core (4 units)
	ICS 6D/Math 6D (4 units)	Math 6G (4 units)	Stats 67/Math 67 (4 units)
	Science Elective (4 units)	Science Elective (4 units)	Science Elective (4 units)
	Gen. Ed. (III/VII/VIII) (4 units)	Gen. Ed. (III/VII/VIII) (4 units)	Gen. Ed. (III/VII/VIII) (4 units)
	(18 units)	(18 units)	(16 units)
Junior (49 units)	CS 161* (4 units)	CS UD Core (4 units)	CS UD Core (4 units)
	CS UD Core (4 units)	CS UD Core (4 units)	CS UD Core (4 units)
	Phil 29/30 or Math 13 (4 units)	CS UD Core (4 units)	ICS 139W (4 units)
	Gen. Ed. (III/VII/VIII) (4 units)	Gen. Ed. (III/VII/VIII) (4 units)	Gen. Ed. (VI) (5 units)
	(16 units)	(16 units)	(17 units)
Senior (40 units)	CS Project (4 units)	CS Project (4 units)	CS Project (4 units)

CS Degree Academic Plan – March 2009

	CS Elective (4 units)	CS Elective (4 units)	CS UD Core (4 units)
	Gen. Ed. (IV) (4 units)	Gen. Ed. (IV) (4 units)	Gen. Ed. (IV) (4 units)
	Gen. Ed. (IX) (4 units)		
	(16 units)	(12 units)	(12 units)

* CS majors must enroll in CS 161 no later than the second quarter after they have earned 90 units.

Suggested Curriculum for the Computer Science major

Freshman

Introduction to Computer Science I and II
 Fundamental Data Structures
 Single Variable Calculus I and II
 Boolean Algebra and Symbolic Logic
 UC Entry Level Writing
 General Education (two courses)¹

Sophomore

Introduction to Computer Organization
 Introduction to Software Engineering
 Computer Science Upper-division Core (one course)
 Linear Algebra
 Discrete Mathematics for Computer Science
 Introduction to Probability and Statistics for Computer Science
 Science Electives (three courses)
 General Education (three courses)

Junior

Computer Science Upper-division Core (seven courses)
 Logic or Introduction to Abstract Mathematics
 Project Management
 Technical Writing
 General Education (three courses)

Senior

Computer Science Project (three courses)
 Concentration Upper-division Core Classes (one course)
 Computer Science Electives (two courses)
 General Education (three courses)

Purple courses are part of the UCI general education core courses.