



Transfer Requirements

UCLA ENGINEERING
 Henry Samueli School of
 Engineering and Applied Science
Birthplace of the Internet

	Aerospace Engineering	Bioengineering	Chemical Engineering	Civil Engineering	Computer Science	Computer Science & Engineering	Electrical Engineering	Materials Engineering	Mechanical Engineering	
MATH	MATH 20 (Analytic Geometry and Calculus I)	✓	✓	✓	✓	✓	✓	✓	✓	MAJOR PREP REQUIREMENTS
	MATH 21 (Analytic Geometry and Calculus II)	✓	✓	✓	✓	✓	✓	✓	✓	
	MATH 22 (Analytic Geometry and Calculus III)	✓	✓	✓	✓	✓	✓	✓	✓	
	MATH 40 (Introduction to Linear Algebra)	✓	✓	✓	✓	✓	✓	✓	✓	
	MATH 23 (Differential Equations)		✓	✓	✓	✓	✓	✓	✓	
CHEMISTRY	CHEM 1 (General Chemistry)	✓	✓	✓	✓		✓	✓	✓	
	CHEM 2 (General Chemistry)	✓	✓	✓	✓			✓	✓	
	CHEM 3 (Organic Chemistry I)		✓	✓						
	CHEM 4 (Organic Chemistry II)		✓	✓						
PHYSICS	PHYS 6 (Physics for Science and Engineering)	✓	✓	✓	✓	✓	✓	✓	✓	
	PHYS 7 (Physics for Science and Engineering)	✓	✓	✓	✓	✓	✓	✓	✓	
	PHYS 8 (Physics for Science and Engineering)	✓	✓	✓	✓	✓	✓	✓	✓	
PROGRAMMING (choose one)	ENGR 26 (Math & Engineering Problem Solving Using Matlab)	★	★	★	★			★	★	
	CS 22 (Introduction to Programming)	✓	✓	✓	✓	✓	✓	✓	✓	
	C++ Programming	✓	✓	✓	✓	★	★	★	✓	
	CS 35 (Introduction to Java Programming)	✓	✓	✓	✓	✓	✓	✓	✓	
Writing/ GE	ENGL 1 (College Composition)	✓	✓	✓	✓	✓	✓	✓	✓	TRANSFER REQUIREMENTS
	ENGL 2 or 4 or 5 or PHIL 5 (Choose 1)	✓	✓	✓	✓	✓	✓	✓	✓	
	General Education (Social Sciences, Arts, or Humanities)	✓	✓	✓	✓	✓	✓	✓	✓	
OTHER	CIS 21 (Discrete Structures for Computer Science)					◆	◆			OPTIONAL
	CS 20 (Assembly Programming)					◆	◆			
	CS 23 (Data Structures and Algorithms)					◆	◆	◆		
	BIO 2 (Principles of Cell and Molecular Biology)		◆							
	ENGR 17 (Introduction to Electrical Engineering)	◆	◆		◆				◆	

★ - strongly preferred (CS and CS&E applicants who complete this have higher priority over those who don't)

◆ - recommended (will not affect your chances of admission, so only take these courses if you have finished all required major prep courses)

Applicants must have a minimum of 60 semester units in addition to completing the required major prep. California Community College students should check assist.org for specific transfer requirements.

Admission is highly competitive. Applicants must have a minimum 3.4 cumulative GPA to be considered. Competitive applicants have major prep GPAs of 3.8 or higher.