



Transfer Requirements

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

	Aerospace Engineering	Bioengineering	Chemical Engineering	Civil Engineering	Computer Engineering	Computer Science	Computer Science & Engineering	Electrical Engineering	Materials Engineering	Mechanical Engineering	
MATH	MATH 265 (Calculus with Analytical Geometry I)	✓	✓	✓	✓	✓	✓	✓	✓	✓	MAJOR PREP REQUIREMENTS
	MATH 266 (Calculus with Analytical Geometry II)	✓	✓	✓	✓	✓	✓	✓	✓	✓	
	MATH 267 (Calculus with Analytical Geometry III)	✓	✓	✓	✓	✓	✓	✓	✓	✓	
	MATH 270 (Linear Algebra)	✓	✓	✓	✓	✓	✓	✓	✓	✓	
	MATH 275 (Ordinary Differential Equations)	◆	✓	✓	✓	✓	✓	✓	✓	◆	
CHEMISTRY	CHEM 101 (General Chemistry I)	✓	✓	✓	✓			✓	✓	✓	
	CHEM 102 (General Chemistry II)	✓	✓	✓	✓				✓	✓	
	CHEM 211 (Organic Chemistry for Science Majors I)		✓	✓							
	CHEM 212 (Organic Chemistry for Science Majors II)		✓	✓							
PHYSICS	PHYSICS 37 (Physics for Engineers and Scientists I)	✓	✓	✓	✓	✓	✓	✓	✓	✓	
	PHYSICS 38 (Physics for Engineers and Scientists II)	✓	✓	✓	✓	✓	✓	✓	✓	✓	
	PHYSICS 39 (Physics for Engineers and Scientists III)	✓	✓	✓	✓	✓	✓	✓	✓	✓	
PROGRAMMING (choose one)	MATLAB Programming (no course articulated at LA Mission College)	★	★	★	★				★	★	
	CO SCI 440 (Programming in C++)	✓	✓	✓	✓	★	★	★	✓	✓	
	CO SCI 439 (Programming in C)	✓	✓	✓	✓	✓	✓	✓	✓	✓	
	CO SCI 452 (Programming in Java)	✓	✓	✓	✓	✓	✓	✓	✓	✓	
Writing/GE	ENGLISH 101 (Reading and Composition I)	✓	✓	✓	✓	✓	✓	✓	✓	✓	TRANSFER REQUIREMENTS
	ENGLISH 102 or PHILOS 5 (Choose one)	✓	✓	✓	✓	✓	✓	✓	✓	✓	
	General Education (Social Sciences, Arts, or Humanities)	✓	✓	✓	✓	✓	✓	✓	✓	✓	
OTHER	MATH 272 (Methods of Discrete Mathematics)					◆	◆	◆			OPTIONAL
	CO SCI 436 (Introduction to Data Structures)					◆	◆	◆	◆		
	CO SCI 416 (Beginning Computer Architecture and Organization)					◆	◆	◆			
	BIOLOGY 6 (General Biology I)		◆								
	BIOLOGY 7 (General Biology II)		◆								

★ - strongly preferred (EE, CE, CS and CS&E applicants who complete this have higher priority over those who haven'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.