



Transfer Requirements - ELAC to UCLA

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 261 (Calculus I)	✓	✓	✓	✓	✓	✓	✓	✓	✓	MAJOR PREP REQUIREMENTS
	MATH 262 (Calculus II)	✓	✓	✓	✓	✓	✓	✓	✓	✓	
	MATH 263 (Calculus 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 1 (Mechanics of Solids)	✓	✓	✓	✓	✓	✓	✓	✓	✓	
	PHYSICS 2 (Mechanics of Fluids, Heat and Sound)	✓	✓	✓	✓	✓	✓	✓	✓	✓	
	PHYSICS 3 (Electricity & Magnetism)	✓	✓	✓	✓	✓	✓	✓	✓	✓	
	PHYSICS 4 (Optics and Modern Physics)	✓	✓	✓	✓	✓	✓	✓	✓	✓	
PROGRAMMING (choose one)	ENG GEN 122 (Programming and Problem Solving in MATLAB)	★	★	★	★				★	★	
	MATH 173 (Object Oriented Programming and Design)	✓	✓	✓	✓	★	★	★	✓	✓	
	CO SCI 243 (Programming in C++)	✓	✓	✓	✓	✓	✓	✓	✓	✓	
	CO SCI 290 (Programming in Java)	✓	✓	✓	✓	✓	✓	✓	✓	✓	
Writing/ GE	ENGLISH 101 (College Reading and Comprehension I)	✓	✓	✓	✓	✓	✓	✓	✓	✓	TRANSFER REQUIREMENTS
	ENGLISH 102 or ENGLISH 103 (choose one)	✓	✓	✓	✓	✓	✓	✓	✓	✓	
	General Education (Social Sciences, Arts, or Humanities)	✓	✓	✓	✓	✓	✓	✓	✓	✓	
OTHER	MATH 273 (Introduction to Data Structures and Algorithms)					◆	◆	◆	◆		OPTIONAL
	MATH 272 (Methods of Discrete Mathematics)					◆	◆	◆			
	BIOLOGY 6 (General Biology I)		◆								
	BIOLOGY 7 (General Biology II)		◆								

★ - 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.