



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& 151 (Calculus I)	✓	✓	✓	✓	✓	✓	✓	✓	✓	
	MATH& 152 (Calculus II)	✓	✓	✓	✓	✓	✓	✓	✓	✓	
	MATH& 153 (Calculus III)	✓	✓	✓	✓	✓	✓	✓	✓	✓	
	MATH& 254 (Calculus IV)	✓	✓	✓	✓	✓	✓	✓	✓	✓	
	MATH 240 (Topics in Linear Algebra)	✓	✓	✓	✓	✓	✓	✓	✓	✓	
	MATH 238 (Differential Equations)	◆	✓	✓	✓	✓	✓	✓	✓	✓	◆
CHEMISTRY	CHEM& 161 (General Chemistry with Lab I)	✓	✓	✓	✓			✓	✓	✓	
	CHEM& 162 (General Chemistry with Lab II)	✓	✓	✓	✓			✓	✓	✓	
	CHEM& 163 (General Chemistry with Lab III)	✓	✓	✓	✓				✓	✓	
	CHEM& 261 (Organic Chemistry with Lab I)		✓	✓					✓	✓	
	CHEM& 262 (Organic Chemistry with Lab II)		✓	✓							
	CHEM& 263 (Organic Chemistry with Lab III)		✓	✓							
PHYSICS	PHYS& 221 (Engr Physics I with Lab)	✓	✓	✓	✓	✓	✓	✓	✓	✓	
	PHYS& 222 (Engr Physics II with Lab)	✓	✓	✓	✓	✓	✓	✓	✓	✓	
	PHYS& 223 (Engr Physics III with Lab)	✓	✓	✓	✓	✓	✓	✓	✓	✓	
PROGRAMMING (choose one)	ENGR 250 (Numerical Methods Using MATLAB)	★	★	★	★				★	★	
	CS& 131 (Computer Science I C++)	✓	✓	✓	✓	✓	✓	✓	✓	✓	
	CS& 141 (Computer Science I Java)	✓	✓	✓	✓	✓	✓	✓	✓	✓	
	CS& 131 + CS 132 (Comp Sci I C++ & C++ Data Structures)	✓	✓	✓	✓	★	★	★	★	✓	✓
Writing/ GE	ENGL& 101 (English Composition I)	✓	✓	✓	✓	✓	✓	✓	✓	✓	
	ENGL 128 (Research Writing: Science/Engr/Business)	✓	✓	✓	✓	✓	✓	✓	✓	✓	
	General Education (Social Sciences, Arts, or Humanities)	✓	✓	✓	✓	✓	✓	✓	✓	✓	
OTHER	CS 132 (C++ Data Structures)					◆	◆	◆			
	ENGR& 204 (Electrical Circuits)	◆	◆					◆	◆	◆	
	ENGR& 214 (Statics)				◆				◆		
	ENGR& 215 (Dynamics)	◆			◆					◆	
	ENGR& 224 (Thermodynamics)	◆			◆						◆
	ENGR& 225 (Mechanics of Materials)				◆						◆
	ENGR& 214 + 225 (Statics + Mechanics of Materials)	◆									◆
	MATH 210 (Discrete Mathematics)					◆	◆	◆			

MAJOR PREP REQUIREMENTS

TRANSFER REQUIREMENTS

OPTIONAL

- ★ - 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.