



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 65 (Calculus 1) | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | MAJOR PREP REQUIREMENTS |
| | MATH 66 (Calculus 2) | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | |
| | MATH 67 (Calculus 3) | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | |
| | MATH 80 (Linear Algebra) | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | |
| | MATH 81 (Differential Equations) | | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | |
| CHEMISTRY | CHEM 1 (General Chemistry 1) | ✓ | ✓ | ✓ | ✓ | | | ✓ | ✓ | ✓ | ✓ | |
| | CHEM 2 (General Chemistry 2) | ✓ | ✓ | ✓ | ✓ | | | | | ✓ | ✓ | |
| | CHEM 12 (Organic Chemistry 1) | | ✓ | ✓ | | | | | | | | |
| | CHEM 13 (Organic Chemistry 2) | | ✓ | ✓ | | | | | | | | |
| PHYSICS | PHYS 55 (Physics 1: Mechanics & Waves) | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | |
| | PHYS 56 (Physics 2: E&M and Heat) | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | |
| | PHYS 57 (Physics 3: Modern Physics) | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | |
| PROGRAMMING (choose one) | MATLAB Programming | ★ | ★ | ★ | ★ | | | | | ★ | ★ | |
| | CSCI 1 (Programming Concepts/Method 1) | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | |
| | CSCI 2 (Programming Concepts/Method 2) | ✓ | ✓ | ✓ | ✓ | ★ | ★ | ★ | ★ | ✓ | ✓ | |
| Writing/ GE | ENGL 1 (College Reading & Composition) | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | |
| | ENGL 2 or ENGL 4 or PHIL 25 (choose one) | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | |
| | General Education (Social Sciences, Arts, or Humanities) | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | |
| OTHER | BIOL 1 (Principles of Biology 1) | | ◆ | | | | | | | | | |
| | BIOL 2 (Principles of Biology 2) | | ◆ | | | | | | | | | |
| | ENGR 1 (Engineering Graphics) | | | | | | | | | | ◆ | |
| | | | | | | | | | | | | TRANSFER REQUIREMENTS |
| | | | | | | | | | | | | OPTIONAL |

- ★ - 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.