Due to six different college requirements, only major requirements are listed below.

Students must speak to their College Advisor for questions regarding General Education and University of California requirements.

ALL courses used to satisfy major requirements must be taken for a letter grade and passed with a C– or better.

### Lower Division (68 units)

PHYS 2A, 2B, 2C, 2D  
CHEM 6A  
ECE 15, 25, 30, 35, 45, 65

### Upper Division (72 units)

**Breadth:**  
ECE 100, 101, 102, 103, 107, 109

**Depth (5 courses. Pick one below):**

**Communication Systems:** ECE 153, ECE 154A, ECE 154B, ECE 154C, and ECE 158A  

*Students must select an upper division ECE course to satisfy the 5th Depth course in the following Depth sequences:*

**Electronics Circuits & Systems:** ECE 163, 164, 165, 166  
**Electronic Devices & Materials:** ECE135A, ECE 135B, ECE 136L, ECE 183  
**Machine Learning & Controls:** ECE 171A, ECE 174, ECE 175A, one of ECE 171B, ECE 172A, or ECE175B  
**Photonics:** ECE 181, ECE 182, ECE 183 and either ECE 184 or ECE 185  
**Signal and Image Processing:** ECE 153, ECE 161A, ECE 161B, ECE 161C  
**Computer System Design:** CSE 141, ECE 165 and any two of ECE 118, ECE 158A, ECE 111 or CSE 143

**Technical Electives:**  
four upper division engineering, math, or physics courses

**Professional Electives:**  
three upper-division courses

**Design:**  
one of ECE 111, 190, or 191