

## COMPUTER ENGINEERING 2023-24

Units

### PREPARATION FOR THE MAJOR

CMPSC 16 . . . . .	4
CMPSC 24 . . . . .	4
CMPSC 32 . . . . .	4
CMPSC 40 . . . . .	5
ECE 1A-1B . . . . .	2
ECE 5 . . . . .	4
ECE 10A, 10AL, 10B, 10BL, 10C, 10CL . . . . .	15
ECE 15A . . . . .	4
MATH 2A-B or 3A-B, 4A-B, 6A . . . . .	20
PHYS 7A, 7B, 7C, 7D, 7L . . . . .	16

### UPPER DIVISION MAJOR 68

CMPSC 130A . . . . .	4
ECE 139 or PSTAT 120A . . . . .	4
ECE 152A . . . . .	5
ECE 154A . . . . .	4
ENGR 101 . . . . .	3
CMPSC 189 A-B* / ECE 189+ A-B-C . . . . .	8-12

\* Prerequisite to CMPSC 189A is CMPSC 156  
 + Prerequisite to ECE 189A is ECE 153B (offered twice per year)

Computer Engineering electives selected from the following list: . . . . . 36-40

*Prior approval of the student's departmental electives must be obtained from the student's faculty adviser.*

Must include at least 2 sequences. See ECE Department student office for list of approved sequences.

CMPSC 130B	CMPSC 177	ECE 154B
CMPSC 138	CMPSC 178	ECE 157A-B
CMPSC 153A/ ECE 153A	CMPSC 181/ ECE 181	ECE 160
CMPSC 156	ECE 122A-B	ECE 178
CMPSC 160	ECE 123	ECE 179D, 179P
CMPSC 162	ECE130A-B-C	ECE 180
CMPSC 165A-B	ECE 133	ECE 194AA- 194ZZ
CMPSC 170	ECE 147A-B	(except 194R)
CMPSC 171	ECE 149	
CMPSC 174A	ECE 150	
CMPSC 176A-B-C	ECE 153B	

Computer Engineering electives taken: \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

To satisfy major requirements, courses taken inside or outside the Department of Electrical and Computer Engineering, must be taken for a letter grade.

### UNIVERSITY REQUIREMENTS

UC Entry Level Writing Requirement: English Composition  
 Must be fulfilled within three quarters of matriculation

American History and Institutions – (one 4-unit course, may be counted as G.E. if selected from approved list)

### GENERAL EDUCATION

#### General Subject Areas

Area A: English Reading & Comprehension – (2 courses required)

**A-1:** \_\_\_\_\_ **A-2:** \_\_\_\_\_

Area D: Social Science  
 (2 courses minimum)

Area E: Culture and Thought  
 (2 courses minimum)

Area F: The Arts  
 (1 course minimum)

Area G: Literature  
 (1 course minimum)

#### Special Subject Areas

Ethnicity (1 course): \_\_\_\_\_

European Traditions  
**or** World Cultures (1 course): \_\_\_\_\_

Writing (4 courses required):  
 \_\_\_\_\_  
 \_\_\_\_\_

### NON-MAJOR ELECTIVES

Free Electives taken:  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

**TOTAL UNITS REQUIRED FOR GRADUATION ..... 191**