

COMPUTER ENGINEERING 2024-25

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 181/ ECE 181	ECE 178
CMPSC 138	ECE 122A-B	ECE 179D, 179P
CMPSC 153A/ ECE 153A	ECE 123	ECE 180
CMPSC 156	ECE 130A-B-C	ECE 184
CMPSC 160	ECE 133	ECE 194AA- 194ZZ
CMPSC 162	ECE 147A-B	(except 194R)
CMPSC 165A-B	ECE 149	ECE 192 or 196/CMPSC
CMPSC 170	ECE 150	192 or 196
CMPSC 171	ECE 152B	(4 units
CMPSC 174A	ECE 153B	combined
CMPSC 176A-B-C	ECE 154B	max)
CMPSC 177	ECE 157A-B-C	
CMPSC 178	ECE 160	

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