COMPUTER ENGINEERING 2022-23

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 1, 2, 3, 3L, 4, 4L	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

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 <u>2</u> sequences. See ECE Department student office for list of approved sequences.

CMPSC 130B	ECE 181	ECE 180
CMPSC138	ECE 122A-B	ECE 194AA-194ZZ
CMPSC 153A/	ECE 123	(except 194R)
ECE153A	ECE130A-B-C	
CMPSC 156	ECE 133	
CMPSC 160	ECE 147A-B	
CMPSC 162	ECE 149	
CMPSC 165A-B	ECE 150	
CMPSC 170	ECE 153B	
CMPSC 171	ECE 154B	
CMPSC 174A	ECE 157A-B	
CMPSC 176A-B-C	ECE 160	
CMPSC 177	ECE 178	
CMPSC 178	ECE 179D,	
CMPSC 181/	179P	

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

<u>General Subject Areas</u>
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   Area G: Literature
(1 course minimum)   (1 course minimum)

_____   _____

<u>Special Subject Areas</u>

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