COMPUTER ENGINEERING 2019-20

PREPARATION FOR THE MAJOR	Units 75
CHEM 1A, 1AL or 2A, 2AC	5
CMPSC 16	4
CMPSC 24	4
CMPSC 32	4
CMPSC 40	5
ECE 1A- 1B	2
ECE 10A, 10AL, 10B, 10BL, 10C, 10CL	15
ECE 15A	4
MATH 3A-B, 4A-B	16
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
Computer Engineering electives selected from the following list:	48

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

Must include at least 2 sequences and 8 units of senior computer systems project CMPSC 189 A-B/ECE 189A-B-C.

CMPSC 130B	ECE 122A-B
CMPSC138	ECE 123
CMPSC 153A/ECE153A	ECE 130A-B-C
CMPSC 160	ECE 147A-B
CMPSC 162	ECE 150
CMPSC 165A-B	ECE 153B
CMPSC 170	ECE 154B
CMPSC 171/ ECE 151	ECE 156A-B
CMPSC 174A	ECE 160/CMPSC 182
CMPSC 176A-B/ECE 155A-B	ECE 178
CMPSC 176C	ECE 179D, 179P
CMPSC 177	ECE 189A-B-C/ CMPSC
CMPSC 178	189A-B
CMPSC 181/ECE 181	

Computer Engineering electives taken:

MATH, SCIENCE, ENGR. ELECTIVE	4

(See ECE Dept. student office for the approved list)

Elective taken: _____

Courses that can apply toward the major, inside or outside of the Departments of Computer Science or Electrical and Computer Engineering, cannot be taken for the passed/not passed grading option. They must be taken for **letter** grades.

UNIVERSITY REQUIREMENTS	Units

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

_____

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

Satisfied by: _____

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	44

General Education and Free Electives taken:

TOTAL UNITS REQUIRED FOR GRADUATION 191