ELECTRICAL ENGINEERING 2020-21

PREPARATION FOR THE MAJOR	Units 80
CHEM 1A, 1AL or 2A, 2AC	5
CMPSC 16	4
ECE 5	4
ECE 10A, 10AL, 10B, 10BL, 10C, 10CL	15
ECE 15A	4
ECE 3	4
MATH 2A-B or 3A-B, 4A-B, 6A-B	24
PHYS 1, 2, 3, 3L, 4, 4L, 5, 5L	20

UPPER DIVISION MAJOR	68
ECE 130A-B	8
ECE 132	4
ECE 134	4
ECE 137A-B	8
ECE 139	4
ECE 152A	5
ENGR 101	3
ECE 188 A-B-C	9
Departmental electives selected from the following list:	23

Approval of the student's departmental electives must be obtained from the student's faculty adviser.
Must include at least 1 sequence, see ECE Department student office for list of approved sequences. Minimum six courses.

Approved Departmental Electives:

ECE 120A-B	ECE 147A-B-C	ECE 179D, P
ECE 122A-B	ECE 148	ECE 181
ECE 123	ECE 149	ECE 183
ECE 125	ECE 150	ECE 192 or 196 (4 units combined max)
ECE 130C	ECE 153A-B	ECE 194AA-ZZ(excluding ECE 194R)
ECE 135	ECE 154A-B	TMP 120, 122, 132, 135 (1 course max)
ECE 141A-B	ECE 157A-B	MATRL 100A, C
ECE 142	ECE 158	MATRL 100B or MATRL 101
ECE 144	ECE 160	MATRL 162A-B
ECE 145A-B-C	ECE 162A-B-C	
ECE 146A-B	ECE 178	

Departmental 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	Units

UC Entry Level 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 189