

**COMPUTER ENGINEERING 2021-22**

	Units
<b>PREPARATION FOR THE MAJOR</b>	<b>75</b>
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

<b>UPPER DIVISION MAJOR</b>	<b>68</b>
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 2 sequences. See ECE Department student office for list of approved sequences.

CMPSC 130B	CMPSC 181/	ECE 194AA-194ZZ
CMPSC138	ECE 181	(except 194R)
CMPSC 153A/	ECE 122A-B	
ECE153A	ECE 123	
CMPSC 156	ECE130A-B-C	
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	ECE 160	
CMPSC 176C	ECE 178	
CMPSC 177	ECE 179D,	
CMPSC 178	179P	
	ECE 180	

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

**MATH, SCIENCE, ENGR. ELECTIVE 4**

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

Elective 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**