COMPUTER ENGINEERING 2019-20

	Units		Units
PREPARATION FOR TH	E MAJOR 75	UNIVERSITY REQUIREME	
CHEM 1A, 1AL or 2A, 2AC		American History and Institution (may be counted as G.E. if selected	ns – (one 4-unit course)
CMPSC 40		UC Entry Level Requirement: E Must be fulfilled within three qua Satisfied by: GENERAL EDUCATION	arters of matriculation
UPPER DIVISION MAJO	R 68	General Subject Areas Area A: English Reading & Com	1
ECE 139 or PSTAT 120A ECE 152A	s departmental electives must s faculty adviser. quences and 8 units of senior	A-1:	Area G: Literature (1 course minimum)
CMPSC 181/ECE 181 Computer Engineering electiv	ves taken:	NOV. MA LOD DI EGTIVES	
MATH, SCIENCE, ENG (See ECE Dept. studen Elective taken:	R. ELECTIVE 4 t office for the approved list)	NON-MAJOR ELECTIVES General Education and Free Elec	tives taken:
	the major, inside or outside of the ience or Electrical and Computer	TOWN INVESTIGATION	

Engineering, cannot be taken for the passed/not passed grading

option. They must be taken for letter grades.

TOTAL UNITS REQUIRED FOR GRADUATION 191

COMPUTER ENGINEERING 2019-20

FRESHMAN YEAR

FALL	units	WINTER	units	SPRING	units
CHEM 1A or 2A	3	ECE 1A	1	CMPSC 16	4
CHEM 1AL or 2AC	2	Math, Science,		ECE 1B	1
MATH 3A	4	Engr. Elective	4	MATH 4A	4
G.E. Elective or CMPSC 8	1 4	MATH 3B	4	PHYS 2	4
WRIT 1E or 2E	4	PHYS 1	4	WRIT 50E or G.E. Electiv	e 4
		WRIT 2E or 50E	4		
TOTAL	17		17		17
SOPHOMORE YEAR					
FALL	units	WINTER	units	SPRING	units
CMPSC 24	4	CMPSC 40	5	CMPSC 32	4
ECE 10A	3	ECE 10B	3	ECE 10C	3
ECE 10AL	2	ECE10BL	2	ECE 10CL	2
MATH 4B	4	ECE 15A	4	ECE 152A	5
PHYS 3	3	PHYS 4	3	ECE 139 or PSTAT 120A ²	4
PHYS 3L	1	PHYS 4L	1		
TOTAL	17		18		18

FALL	units	WINTER	units	SPRING	units
ECE 154A	4	CMPSC 130A	4	CMPEN Electives	8
CMPEN Elective	8	CMPEN Elective	4	G.E. or Free Elective	4
G.E. or Free Electives	4	G.E. or Free Electives	8		
TOTAL	16		16		12

SENIOR YEAR

FALL CMPEN Electives	units 12	WINTER CMPEN Electives	units 8	SPRING CMPEN Electives	units 8
Free Elective	4	ENGR 101 ³ Free Elective	3 4	G.E. or Free Elective	4
TOTAL	16		15		12

¹ CS 8 may be used to satisfy the Math, Science, Engineering Elective requirement.

² PSTAT 120A is offered each quarter. ECE 139 is offered only in spring quarter, and is better suited for future upper division electives for the Computer Engineering major.

³ ENGR 101 may be taken any quarter of senior year.