COMPUTER SCIENCE 2016-17

Units

PREPARATION FOR THE MAJOR	53
CMPSC 16	4
CMPSC 24	4
CMPSC 32	4
CMPSC 40	5
CMPSC 48	4
CMPSC 56	4
CMPSC 64	4
MATH 3A-B, 4A-B, 6A	20
PSTAT 120A	4

UPPER DIVISION MAJOR	63
CMPSC 111 or 140	4
CMPSC 130A-B	8
CMPSC 138	4
CMPSC 154	4
CMPSC 160	4
CMPSC 162	4
CMPSC 170	4
ENGR 101	3
PSTAT 120B	4

Major Field Electives 24
(selected from the following list (at least 8 units must be CMPSC courses))

Prior approval of the student's major field electives must be obtained from the faculty advisor.

CMPSC 111[1]	CMPSC 185	MATH 119A-B
CMPSC 140[1]	CMPSC 189 A-B	MATH 124A-B
CMPSC/ECE 153A	CMPSC 190 AA-ZZ	PSTAT 122
CMPSC 165A-B	CMPSC 192[2]	PSTAT 130
CMPSC 171/ECE 151	CMPSC 196[2]	PSTAT 160A-B
CMPSC 174A	ECE 130A-B-C	
CMPSC 176A-B-C	ECE 152A	
CMPSC 177	ECE 153B	
CMPSC 178	ECE160	
CMPSC 180	ECE 178	
CMPSC 181B/ECE 181B	MATH 108A-B	

[1]CMPSC 111 or CMPSC 140 can be used as an elective if not taken as a major course.
[2]Four units maximum from CMPSC 192 and CMPSC 196 combined; only for students with GPA of 3.0 or higher.

Major Field Electives taken:

_____

_____|_____

SCIENCE COURSES	20
PHYS 1, 2, 3, 3L	12
Science Electives (see Dept. for list)	8

Science Electives taken:

_____

_____

Courses required for the major, inside or outside of the Department of Computer Science, cannot be taken for the passed/not passed grading option. They must be taken for **letter** grades.

Units

UNIVERSITY REQUIREMENTS	

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**: _____

Areas D & E: Social Sciences, Culture and Thought
(2 courses minimum)

_____   _____

Areas F & G: The Arts, Literature
(2 courses minimum)

_____   _____

2 additional courses from Areas D, E, F, G, or H

_____   _____

Special Subject Areas

Depth:

_____   _____

_____   _____

Ethnicity (1 course):_____

European Traditions (1 course):_____

Writing (4 courses required):

_____   _____

_____   _____

NON-MAJOR ELECTIVES	48

General Education and Free Electives taken:

_____	_____
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____

TOTAL UNITS REQUIRED FOR GRADUATION 184

COMPUTER SCIENCE 2016-17

FRESHMAN YEAR

FALL	units	WINTER	units	SPRING	units
G.E. Elective or CMPSC 8*	4	CMPSC 16	4	CMPSC 24	4
MATH 3A	4	MATH 3B	4	MATH 4A	4
WRIT 1, 2, or G.E. Elective	4	PHYS 1	4	PHYS 2	4
G.E. Elective	4	WRIT 1, 2, or G.E. Elective	4	Science or Free Elective	4
TOTAL	**16**		**16**		**16**

SOPHOMORE YEAR

FALL	units	WINTER	units	SPRING	units
CMPSC 32	4	CMPSC 56	4	CMPSC 48	4
CMPSC 40	5	CMPSC 64	4	Math 6A	4
MATH 4B	4	PSTAT 120A	4	G.E. Elective	4
PHYS 3	3	WRIT 50	4	Science or Free Elective	4
PHYS 3L	1				
TOTAL	**17**		**16**		**16**

JUNIOR YEAR

FALL	units	WINTER	units	SPRING	units
CMPSC 130A	4	CMPSC 130B	4	CMPSC 154	4
CMPSC 138	4	Field Elective	5	PSTAT 120B	4
G.E. Elective	4	Free Elective	3	Field or Free Elective	4
Science or Free Elective	4	G.E. Elective	4	G.E. Elective	4
TOTAL	**16**		**16**		**16**

SENIOR YEAR

FALL	units	WINTER	units	SPRING	units
CMPSC 111 **	4	CMPSC 170	4	Field or Free Elective	4
CMPSC 160	4	CMPSC 162	4	Field or Free Elective	4
Field or Free Elective	4	ENGR 101	3	G.E. or Free Elective	5
		Field or Free Elective	4		
TOTAL	**12**		**15**		**13**

* CMPSC 8 is recommended only for students who do not have prior programming experience; programming experience is a prerequisite for CMPSC 16.

** Or you may take CMPSC 140 in Winter Quarter to satisfy this requirement.