

COMPUTER SCIENCE 2021-22

Units

PREPARATION FOR THE MAJOR	57
CMPSC 16	4
CMPSC 24	4
CMPSC 32	4
CMPSC 40	5
CMPSC 64	4
MATH 3A-B, 4A-B, 6A	20
PSTAT 120A	4
PHYS 1, 2, 3, 3L	12

UPPER DIVISION MAJOR	71
CMPSC 111 or 140	4
CMPSC 130A-B	8
CMPSC 138	4
CMPSC 148 or 156 or 172	4
CMPSC 154	4
CMPSC 160 or 162	4
CMPSC 170	4
ENGR 101	3
PSTAT 120B	4
Major Field Electives	32

Eight courses 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 177	ECE 153B
CMPSC 140 ¹	CMPSC 178	ECE160
CMPSC 148 ²	CMPSC/ECE 181	ECE 178
CMPSC/ECE 153A	CMPSC 184	MATH 108A-B
CMPSC 156 ²	CMPSC 185	MATH 119A-B
CMPSC 160 ³	CMPSC 189 A-B	MATH 124A-B
CMPSC 162 ³	CMPSC 190 AA-ZZ	PSTAT 122
CMPSC 165A-B	CMPSC 192 ⁴	PSTAT 130
CMPSC 171/ECE 151	CMPSC 196 ⁴	PSTAT 160A-B
CMPSC 172 ²	CMPSC 196B ⁵	
CMPSC 174A-B	ECE 130A-B-C	
CMPSC 176A-B-C	ECE 152A	

¹ CMPSC 111 or 140 can be used as an elective if not taken as a major course.

² CMPSC 148 or 156 or 172 can be used as an elective if not taken as a major course.

³ CMPSC 160 or 162 can be used as an elective if not taken as a major course.

⁴ Four units maximum from CMPSC 192 and 196 combined; only for students with GPA of 3.0 or higher.

⁵ Only for students who have met the requirements. Please see department advisor for more information.

Major Field Electives taken:

SCIENCE COURSES

Science Electives (see Dept. for list) 8

Science Electives taken:

To satisfy major requirements, courses taken inside or outside the Department of Computer Science, 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 184

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This grid is intended to serve as a guide and should be adjusted for individual circumstances in consultation with academic advisors.
Course availability subject to change. Changes will be announced by the department.

FRESHMAN YEAR

FALL	units	WINTER	units	SPRING	units
G.E. Elective or CMPSC 8 ¹	4	CMPSC 16 ¹	4	CMPSC 24	4
MATH 3A	4	MATH 3B	4	MATH 4A	4
WRIT 1, 2, or G.E. Elective	4/5	PHYS 1	4	PHYS 2	4
G.E. Elective	4	WRIT 1, 2, or G.E. Elective	4/5	Science or Free Elective	4
TOTAL	16/17		16/17		16

SOPHOMORE YEAR

FALL	units	WINTER	units	SPRING	units
CMPSC 32	4	CMPSC 64	4	CMPSC 138	4
CMPSC 40	5	MATH 4B	4	MATH 6A	4
PSTAT 120A	4	WRIT 50	4	G.E.	4
PHYS 3	3	CMPSC 130A	4	Science or Free Elective	4
PHYS 3L	1				
TOTAL	17		16		16

JUNIOR YEAR

FALL	units	WINTER	units	SPRING	units
CMPSC 148 or 156 or 172	4	G.E.	4	CMPSC 154	4
CMPSC 130B	4	Field Elective	4	PSTAT 120B	4
CMPSC 111 ³	4	Free Elective	4	Field or Free Elective	4
Science or Free Elective	4	G.E.	4	G.E.	4
TOTAL	16		16		16

SENIOR YEAR

FALL	units	WINTER	units	SPRING	units
Field or Free Elective	4	CMPSC 170	4	Field or Free Elective	4
CMPSC 160 ²	4	Field Elective	4	Field or Free Elective	4
Field or Free Elective	4	ENGR 101 ⁴	3	G.E. or Free Elective	4
		Field or Free Elective	4		
TOTAL	12		15		12

¹ Consult Computer Science academic advisor for placement information.

² Or you may take CMPSC 162 to satisfy this requirement.

³ Or you may take CMPSC 140 in Winter Quarter to satisfy this requirement.

⁴ ENGR 101 may be taken any quarter of senior year.