

COMPUTER ENGINEERING 2020-21

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
CHEM 1A or 2A	3	ECE 1A	1	ECE 1B	1
CHEM 1AL or 2AC	2	CMPSC 16	4	MATH 4A	4
MATH 3A	4	MATH 3B	4	PHYS 2	4
G.E. Elective or CMPSC 8 ¹	4	PHYS 1	4	WRIT 50E or G.E. Elective	4
WRIT 1E or 2E	4	WRIT 2E or 50E	4	MATH, SCIENCE, ENGR. ELECTIVE	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

JUNIOR YEAR

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

SENIOR YEAR

FALL	units	WINTER	units	SPRING	units
ECE 189A*/ CMPSC ⁺ 189A	4	ECE 189B/ CMPSC 189B	4	ECE 189C or CMPEN Elect.	4
CMPEN Electives	8	ENGR 101 ³	3	CMPEN Elective	4
G.E.	4	G.E.	4	G.E.	4
		CMPEN Elective	4		
TOTAL	16		15		12

¹ CMPSC 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.

*ECE 189A-B-C is taken fall, winter, and spring quarters. Prerequisite to ECE 189A is ECE 153B, taken winter of junior year.

+CMPSC 189A-B is taken fall and winter quarters. Prerequisite to CMPSC 189A is CMPSC 156.