

COMPUTER ENGINEERING 2023-24

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
ECE 3 or CMPSC 8 ¹	4	CMPSC 16	4	CMPSC 24	4
ECE 5 ²	4	ECE 1A	1	ECE 1B	1
MATH 3A	4	MATH 3B	4	MATH 4A	4
WRIT 1E or 2E	4	PHYS 7A	4	PHYS 7B	4
		WRIT 2E or 50E	4	WRIT 50E or G.E.	4
TOTAL	16		17		17

SOPHOMORE YEAR

FALL	units	WINTER	units	SPRING	units
ECE 10A	3	ECE 10B	3	ECE 10C	3
ECE 10AL	2	ECE10BL	2	ECE 10CL	2
MATH 4B	4	ECE 15A	4	ECE 139 or PSTAT 120A ⁴	4
CMPSC 32 ³	4	PHYS 7C	4	ECE 152A	5
CMPSC 40 ³	5	MATH 6A	4	PHYS 7D	3
				PHYS 7L	1
TOTAL	18		17		18

JUNIOR YEAR

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

SENIOR YEAR

FALL	units	WINTER	units	SPRING	units
ECE 189A ⁵ / CMPSC 189A ⁶	4	ECE 189B/ CMPSC 189B	4	ECE 189C or CMPEN Elective	4
CMPEN Electives	8	ENGR 101 ⁷	3	CMPEN Elective	4
G.E.	4	CMPEN Elective	4	G.E.	4
		G.E.	4		
TOTAL	16		15		12

¹ Students with no prior computer programming background should take either ECE 3 or CMPSC 8.

² ECE 5 is also offered in winter quarter.

³ CMPSC 32 is also offered in spring quarter. CMPSC 40 is also offered in winter and spring quarters.

⁴ PSTAT 120A is offered each quarter. ECE 139 is offered only in the spring quarter and is better suited for future upper division electives for the Computer Engineering major.

⁵ ECE 153B is the prerequisite to ECE 189A. ⁶ CMPSC 156 is the prerequisite for CMPSC 189A.

⁷ ENGR 101 may be taken any quarter of the senior year.