

ELECTRICAL ENGINEERING 2021-22

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	MATH 3B	4	MATH 4A	4
CHEM 1AL or 2AC	2	PHYS 1	4	PHYS 2	4
ECE 3	4	ECE 5	4	WRIT 50E or G.E.	4
MATH 3A	4	WRIT 2E or 50E	4		
WRIT 1E or 2E	4				
TOTAL	17		16		12

SOPHOMORE YEAR

FALL	units	WINTER	units	SPRING	units
ECE 10A	3	ECE 10B	3	ECE 10C	3
ECE 10AL	2	ECE 10BL	2	ECE 10CL	2
MATH 4B	4	ECE 15A	4	MATH 6B	4
PHYS 3	3	MATH 6A	4	PHYS 5	3
PHYS 3L	1	PHYS 4	3	PHYS 5L	1
CMPSC 16	4	PHYS 4L	1		
TOTAL	17		17		13

JUNIOR YEAR

FALL	units	WINTER	units	SPRING	units
ECE 130A	4	ECE 130B	4	ECE 137B	4
ECE 132	4	ECE 137A	4	ECE 139 ¹	4
ECE 134	4	ECE Elective	4	ECE 152A ²	5
G.E.	4	G.E.	4	G.E.	4
TOTAL	16		16		17

SENIOR YEAR

FALL	units	WINTER	units	SPRING	units
ECE 188A	3	ECE 188B	3	ECE 188C	3
ECE Electives	8	ECE Electives	8	ECE Electives	8
G.E.	4	G.E.	4	Free Elective ⁴	4
		ENGR 101 ³	3		
TOTAL	15		18		15

¹ ECE 139 may also be taken in the spring quarter of the sophomore year.

² ECE 152A may also be taken in the spring quarter of the sophomore year.

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

⁴ This course may not be required. Students must complete at least 189 units to graduate.