

ELECTRICAL ENGINEERING 2019-20

FRESHMAN YEAR

FALL	units	WINTER	units	SPRING	units
CHEM 1A or 2A	3	ECE 5	4	CMPSC 16	4
CHEM 1AL or 2AC	2	MATH 3B	4	MATH 4A	4
ECE 3	4	PHYS 1	4	PHYS 2	4
MATH 3A	4	WRIT 2E or 50E	4	WRIT 50E or G.E.	4
WRIT 1E or 2E	4				
TOTAL	17		16		16

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
		PHYS 4L	1		
TOTAL	13		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. or Free Elective	4	G.E. or Free Elective	4	G.E. or Free Elective	4
TOTAL	16		16		17

SENIOR YEAR

FALL	units	WINTER	units	SPRING	units
ECE Electives ⁴	12	ECE Electives	8	ECE Electives	8
G.E. or Free Elective	4	G.E. or Free Electives	8	ENGR 101 ³	3
				G.E. or Free Electives	6
TOTAL	16		16		17

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 ECE Electives must include at least two sequences, one of which must be an approved EE senior capstone design project sequence.