

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.