

Electrical & Electronic Engineering Bachelor of Science Degree - Curriculum Roadmap

Total number of units: 122

Freshman Year (32 Units)

Sophomore Year (30 Units)

Junior Year (33 Units)

Senior Year (Product) (27 Units)

Senior Year (Power) (27 Units)

MATH 30
(4 units)

ALEKS 76
OR
Math 29
OR
Math 29B

MATH 31
(4 units)

Math 30

MATH 32
(4 units)

Math 31

MATH 45
(3 units)

Math 31

EEE 117/L
(4 units)

Engr 17
Math 45
Phys 11C
EEE 117L***

EEE 108/L
(4 units)

EEE 117/L
EEE 108L***

EEE 109+
(4 units)

EEE108/L

EEE 193B
(2 units)

EEE 193A

EEE 142
(3 units)

EEE 141
EEE 161
EEE 184*

EEE 192B
(2 units)

EEE 192A
EEE 142
EEE 143

ENGR 1 (96A)
(1 units)

PHYS 11A
(4 units)

Math 30

Math 31*

PHYS 11C
(4 units)

Math 31

Phys 11A

ENGR 17
(3 units)

Math 45**
Phys 11C**

ENGR 140
(2 units)

Engr 17
OR
Engr 30

EEE 141
(3 units)

EEE117/L

EEE 185
(3 units)

EEE 180
Engr 120*

Broad-Elective
(3 units)

EEE 143+
(1 units)

EEE 142*

Broad-Elective
(3 units)

Chem 1E
(4 units)

CARA 85
OR
Chem 4

ENGR 50
(3 units)

Math 30
Phys 11A*

EEE/CpE 64
(4 units)

Engr 50
OR
CSC 15
OR
CSC 25

ENGL 20
(3 units)

Engl 5
OR
Engl 5M
OR
Engl 11
OR
Engl 1M

EEE 161
(4 units)

Math 32
Math 45
Phys 11C
Engr 17

EEE 174
(4 units)

EEE/CpE 64
Junior status

EEE 193A+
(2 units)

EEE 108/L
EEE 109*
EEE 161
EEE 174
EEE 180

Broad-Elective
(3 units)

EEE 185
(3 units)

EEE 180
Engr 120*

Broad-Elective
(3 units)

Gen. Ed.
(6 units)

Gen. Ed.
(6 units)

Gen. Ed.
(3 units)

Gen. Ed.
(6 units)

EEE 180
(3 units)

EEE 117/L*
ENGR 17
MATH 45

EEE 184
(3 units)

EEE 180

ENGR 120
(3 units)

EEE 180*

Depth-Elective
& Lab (4 units)

Gen. Ed.
(3 units)

EEE 192A+
(2 units)

EEE 141
EEE 142*
EEE 143*

Gen. Ed.
(3 units)

Depth-Elective
& Lab (4 units)

Depth-Elective
(3 units)

LEGEND

*May be taken concurrently

**Either concurrent, not both

*** Must be taken concurrently

+WPJ score of 70+ or ENGL 109W/M required

Course number
(Number of units)

Prerequisite(s)

Note: This is one workable plan of study.

Alternatives that satisfy prerequisites are acceptable.

Discuss with advisor.