California State University, Chico
2020/2021 Curriculum

Department of Electrical and Computer Engineering
BS in Electrical/Electronic Engineering

Freshman Year
Fall
Math 120
Analytic Geometry & Calculus
4 Units (FS)
C- or higher req'd
Chem 111
General Chemistry
4 Units (FS)
EECE 101
Introduction to ECE
3 Units (FA)
CMST 131
Speech Comm. Fund.
3 Units (FS)
C- or higher req'd
ENGL 130W
Academic Writing
3 Units (FS)

Spring
Math 121
Analytic Geometry & Calculus
4 Units (FS)
C- or higher req'd
PHYS 204A
Physics for Engineering Mechanics
4 Units (FS)
C- or higher req'd
EECE 144
Digital Logic Fund.
4 Units (FS)
POLS 155
American Government
3 Units (FS)

Sophomore Year
Fall
Math 220
Analytic Geometry & Calculus
4 Units (FS)
C- or higher req'd
PHYS 204B
Physics for Engineering Elec. & Mag.
4 Units (FS)
EECE 211
Linear Circuits I
4 Units (FS)

Spring
Math 260
Elementary Differential Equations
4 Units (FS)
MATH 350
Intro to Probability & Statistics
3 Units (FS)
CSCI 111
Program & Algorithms I
4 Units (FS)
C or higher req'd

Junior Year
Fall
EECE 311
Linear Circuits II
4 Units (FS)
GE Area C1 or C2
3 Units
WI Suggested
GE Area B1
3 Units

Spring
EECE 315
Electronics I
4 Units (FS)
GE Area D1 or D2
3 Units
WI Suggested
GE Area B2
3 Units

Senior Year
Fall
EECE 316
Electronics II
4 Units (SP)
Restricted EECE Elective
4 Units

Spring
EECE 481
Electro-Mechanical Conversion
4 Units (SP)
EECE 465
Digital Signal Processing
4 Units (FA)
EECE 482
Control System Design
4 Units (FA)

GE Area B2
3 Units
GE UD Pathway
3 Units

17 Units
15 Units
16 Units
17 Units
17 Units
15 Units
15 Units
15 Units

August 2019

Restricted EECE Electives are 300- and 400-level EECE classes that not used as required courses for EE major.
Department Chair’s approval required for other classes.