California State University, Chico 2021/2022 Curriculum

Department of Electrical and Computer Engineering
BS in Computer Engineering

Freshman Year
Fall
Math 120
Analytic Geometry & Calculus
4 Units (FS)

C- or higher req’d

EECE 101
Exploration of ECE
3 Units (FA)

MATH 119
CMST 131
Speech Comm. Fund.
3 Units (FS)

C- or higher req’d

Sophomore Year
Fall
PHYS 204B
Physics for Engineering Mechanics
4 Units (FS)

C- or higher req’d

EECE 211 & EECE 211L
Linear Circuits I
4 Units (FS)

C- or higher req’d

EECE 237
Embedded System Devel.
3 Units (FS)

C or higher req’d

Spring
Math 121
Analytic Geometry & Calculus
4 Units (FS)

C- or higher req’d

EECE 311
Linear Circuits II
4 Units (FS)

C- or higher req’d

EECE 343
Advanced Logic Design
4 Units (FA)

C or higher req’d

Junior Year
Fall
MATH 260
Elementary Differential Equations
4 Units (FS)

C- or higher req’d

EECE 315
Electronics I
4 Units (FS)

C or higher req’d

EECE 344
Digital System Design
4 Units (FS)

C or higher req’d

Spring
GE Area C1 or C2
3 Units (FS)

GE Area F
3 Units

WI Suggested

Senior Year
Fall
GE UD Pathway
3 Units

GE UD Pathway
3 Units

Spring
GE UD Pathway
3 Units

Concurrent Permitted
Prerequisite

Select one:
EECE 416, CSCI 430, EECE 555, or CINS 448
Take CMPE Restricted Elective in the other semester

Restricted Electives must be selected from a list of authorized EECE, CSCI, CINS and MATH courses.

April 2021