California State University, Chico
2021/2022 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
  - EECE 101: Introduction to ECE
    - 3 Units (FA)
- **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
  - POLS 155: American Government
    - 3 Units (FS)
    - 3 Units (FS)
    - C- or higher req'd
  - ENGL 130I: Academic Writing
    - 3 Units (FS)
    - C- or higher req'd
  - MATH 119
  - 16 Units

**Sophomore Year**
- **Fall**
  - Math 260: Elementary Differential Equations
    - 4 Units (FS)
  - PHYS 204B: Physics for Engineering Elec. & Mag.
    - 4 Units (FS)
    - C- or higher req'd
  - EECE 144: Digital Logic Fund.
    - 4 Units (FS)
    - C- or higher req'd
  - EEECE 141 & EECE 141L: Linear Circuits I
    - 4 Units (FS)
    - C- or higher req'd
  - GE Area B2
    - 3 Units
  - GE Area C1 or C2
    - 3 Units
    - WI Suggested
  - 15 Units

**Junior Year**
- **Fall**
  - MATH 350: Intro to Probability & Statistics
    - 4 Units (FS)
    - C- or higher req'd
    * CHEM 111: General Chemistry
    or EECE 314/314L: Biomedical Instrument.
    or 4 units
  - EECE 211 & EECE 211L: Linear Circuits I
    - 4 Units (FS)
    - C- or higher req'd
  - EECE 311: Linear Circuits II
    - 4 Units (FS)
  - GE Area F
    - 3 Units
  - 18 Units
- **Spring**
  - EECE 315: Electronics I
    - 4 Units (FS)
  - EECE 344: Digital System Design
    - 4 Units (FS)
  - EECE 465: Digital Signal Processing
    - 4 Units (FA)
  - EECE 490AW: ECE Design Project I
    - 4 Units (FA)
    - C- or higher req'd
  - GE UD Pathway
    - 3 Units
  - 15-16 Units

**Senior Year**
- **Fall**
  - EECE 465: Digital Signal Processing
    - 4 Units (FA)
    - Restricted
  - EECE Elective
    - 3 – 4 Units
  - EECE 490B: ECE Design Project II.
    - 4 Units (SP)
  - GE UD Pathway
    - 3 Units
  - 14-15 Units
- **Spring**
  - EECE elective pre-requisites and semester offered vary. Details will be provided in a department email issued before registration each semester.
  - EECE 490B: ECE Design Project II.
    - 4 Units (SP)
  - EECE UD Pathway
    - 3 Units
  - GE UD Pathway
    - 3 Units
  - 15 Units

**Permitted**
* EECE 314/314L is offered in Fall; EECE 211/211L is a pre-requisite. CHEM 111 is offered every semester, but EENG students should take it in Spring.
** EECE elective pre-requisites and semester offered vary. Details will be provided in a department email issued before registration each semester.

June 2021