**California State University, Chico**

**2023/2024 Curriculum**

**Department of Electrical and Computer Engineering**

**BS in Electrical/Electronic Engineering**

---

**Freshman Year**

**Fall**
- Math 120 Analytic Geometry & Calculus 4 Units (FS)
- EECE 101 Exploration of ECE 2 Units (FA)
- CSCI 111 Programming and Algorithms I 4 Units (FS)
- CMST 131 Speech Comm. Fund. 3 Units (FS)
- ENGL 130W Academic Writing 3 Units (FS)

**Spring**
- Math 121 Analytic Geometry & Calculus 4 Units (FS)
- PHYS 204A Physics for Engineering Mechanics 4 Units (FS)
- PHYS 204B Physics for Engineering Elec. & Mag. 4 Units (FS)
- POLS 155 American Government 3 Units (FS)

---

**Sophomore Year**

**Fall**
- Math 260 Elementary Differential Equations 4 Units (FS)
- EECE 144 Linear Logic Fund. 4 Units (FS)
- EECE 211 Linear Circuits I 3 Units (FS)
- GE Area C1 or C2 3 Units
- HIST 130 United States History 3 Units (FS)

**Spring**
- Math 220 Analytic Geometry & Calculus 4 Units (FS)
- EECE 311 Linear Circuits II 4 Units (FS)
- EECE 237 Embedded System Devel. 3 Units (FS)
- GE Area F 3 Units

---

**Junior Year**

**Fall**
- MATH 314 Probability & Statistics for STEM 4 Units (FS)
- EECE 311 Linear Circuits II 4 Units (FS)
- EECE 211L Linear Circuits I Activity 1 Units (FS)
- GE Area C or higher req’d

**Spring**
- EECE 365 Signals, Systems, & Transforms 4 Units (FS)
- EECE 315 Electronics I 4 Units (FS)
- EECE 344 Digital System Design 4 Units (FS)
- GE UD Pathway 3 Units

---

**Senior Year**

**Fall**
- GE Area B2 3 Units
- EECE 314/314L is offered in Fall; EECE 211/211L is a prerequisite. CHEM 111 is offered every semester, but EENG students should take it in Spring.
- EECE 475 Field & Waves or Com. Sys. Design EECE 375 or EECE 453 4 Units
- EECE 101 Exploration of ECE 2 Units (FA)
- EECE 237 Embedded System Devel. 3 Units (FS)
- EECE 315 Electronics I 4 Units (FS)
- GE UD Pathway 3 Units

**Spring**
- EECE 465 Digital Signal Processing 4 Units (FA)
- EECE 450AW ECE Design Project I 4 Units (FA)
- EECE 465 Digital Signal Processing 4 Units (FA)
- GE UD Pathway 3 Units
- Restricted EECE Elective 3 Units

---

*EECE 314/314L is offered in Fall; EECE 211/211L is a prerequisite. 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.*