California State University, Chico
2022/2023 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 Exploration of ECE 3 Units (FA)
- PHYS 204A Physics for Engineering Mechanics 4 Units (FS)
  C- or higher req’d
- POLS 155 American Government 3 Units (FS)
  C- or higher req’d
- CMST 131 Speech Comm. Fund. 3 Units (FS)
  C- or higher req’d
- ENGL 130W Academic Writing 3 Units (FS)
  C- or higher req’d

Spring
- Math 121 Analytic Geometry & Calculus 4 Units (FS)
  C- or higher req’d
- 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
- CSCI 111 Programming and Algorithms I 4 Units (FS)
- MATH 119

Sophomore Year
Fall
- Math 260 Elementary Differential Equations 4 Units (FS)
- EECE 211 Linear Circuits I 3 Units (FS)
  C- or higher req’d
- EECE 211L Linear Circuits I Activity 1 Unit (FS)
  C- or higher req’d
- GE Area C1 or C2 3 Units
  WI Suggested

Spring
- Math 220 Analytic Geometry & Calculus 4 Units (FS)
- EECE 211L Linear Circuits I Activity 1 Unit (FS)
  C- or higher req’d
- EECE 237 Embedded System Devel. 3 Units (FS)
  C- or higher req’d
- HIST 130 United States History 3 Units (FS)
- GE Area C1 or C2 3 Units
  WI Suggested

Junior Year
Fall
- MATH 350 Intro to Probability & Statistics 3 Units (FS)
- EECE 311 Linear Circuits II 4 Units (FS)
  C- or higher req’d
- EECE 315 Electronics I 4 Units (FS)
- EECE 344 Digital System Design 4 Units (FS)
  C- or higher req’d
- GE Area B2 3 Units

Spring
- EECE 365 Signals, Systems, & Transforms 4 Units (FS)
- EECE 316 or EECE 482 4 units
- EECE 316 or EECE 482 4 units
- EECE 375 or EECE 453 3 or 4 Units
- GE Area F 3 Units

Senior Year
Fall
- EECE 465 Digital Signal Processing 4 Units (FA)
- EECE 490AW ECE Design Project I 4 Units (FA)
  C- or higher req’d
- ECE Design Elective 3 – 4 Units
- GE UD Pathway 3 Units

Spring
- EECE elective pre-requisites and semester offered vary. Details will be provided in a department email issued before registration each semester.
- Electro Convert or Power Sys. Operation EECE 481 or EECE 483 4 Units (SP)
- Bioimaging Sys. Or Appl. Image Proc. EECE 565 or EECE 566 4 Units (SP)
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* 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.

April 2022