Electrical Engineering, Minor

A minor in electrical engineering is particularly designed for majors in math, science, computer science, or other engineering departments who would like a coherent background in the theory and laboratory practice of electrical engineering. This minor is not open to students in the Department of Electrical and Computer Engineering.

Minor Requirements

Complete all courses listed below unless otherwise indicated. Also complete any corequisite labs, recitations, clinicals, or tools courses where specified.

This minor is not open to students in the Department of Electrical and Computer Engineering because of overlap with the majors.

Complete a total of four courses for the minor.

Students need to complete the program requirements with at least three courses that are not part of their major required coursework.

Required Core Course

Code	Title	Hours
Complete one of the following:		5
EECE 2150	Circuits and Signals: Biomedical Applications	
EECE 2210 and EECE 2211	Electrical Engineering and Lab for EECE 2210	

Fundamental Core Courses

Code	Title	Hours
Complete two of the following:		9-10
EECE 2412 and EECE 2413	Fundamentals of Electronics and Lab for EECE 2412	
EECE 2520	Fundamentals of Linear Systems	
EECE 2530 and EECE 2531	Fundamentals of Electromagnetics and Lab for EECE 2530	

Electrical Engineering Technical Electives

Code	Title	Hours
Fundamentals not taken to satisfy the above requirement may be used as a technical elective.		
Complete one of the following:		4
EECE 2322 to EECE 2750		
EECE 3324 to EECE 4698		
EECE 5670	Sustainable Energy: Materials, Conversion, Storage, and Usage	
EECE 5576 to EECE 5698		

GPA Requirement

2.000 GPA required in the minor