

# Electrical Engineering, Minor

## Requirements

The minor in electrical engineering requires 15 s.h. Students must maintain a grade-point average of at least 2.00 in all work for the minor. Coursework in the minor may not be taken as pass/nonpass. Enrollment in some courses for the minor may require prerequisites that will not count toward the minor. A maximum of 3 s.h. of transfer credit may be counted toward the minor with departmental approval.

The minor may be earned by students enrolled in an undergraduate degree-seeking program at the University of Iowa. Students majoring in computer science and engineering, computer engineering, or electrical engineering may not minor in electrical engineering.

The minor in electrical engineering requires the following coursework.

## Required Course

Course #	Title	Hours
This course:		
ENGR:2120	Electrical Circuits	3

### Elective Courses

Course #	Title	Hours
Four of these (at least 12 s.h.):		
ENGR:2730	Computers in Engineering	3
ECE:2400	Linear Systems I	3
ECE:2410	Principles of Electronic Instrumentation	4
ECE:3320	Introduction to Digital Design	3
ECE:3330	Introduction to Software Design	3
ECE:3350	Computer Architecture and Organization	3
ECE:3360	Embedded Systems	3
ECE:3400	Linear Systems II	3
ECE:3410	Electronic Circuits	4
ECE:3500	Communication Systems	3
ECE:3540	Communication Networks	3
ECE:3600	Control Systems	3
ECE:3700	Electromagnetic Theory	3
ECE:3720	Semiconductor Devices	3

Any electrical and computer engineering course (prefix ECE) numbered 4000 or above, excluding ECE:4880, ECE:4890, ECE:5000, and ECE:7930

Students may declare the electrical engineering minor and request an audit for the minor on MyUI.