

Minor in Electrical and Computer Engineering

For students who are not ECE majors and are interested in broadening their exposure to and understanding of electrical and computer engineering, the ECE department offers a Minor. The Minor in Electrical and Computer Engineering provides an exciting opportunity to acquire a solid knowledge of electrical and computer engineering as needed in today's diverse and technology driven society.

Successful candidates for the ECE Minor must meet the following requirements:

1. Complete two units of work from courses with the prefix "ECE" at the 2000-level or above.
2. Of the work in (1), at least 2/3 unit must be from ECE courses at the 3000-level or above which are thematically related.

The two thematically related courses at the 3000-level or above can be taken from areas of concentration such as:

- a. ECE3311, ECE4305, ECE4703 (*Communications and Signals*)
- b. ECE3829, ECE3849, ECE4801 (*Computer Engineering*)
- c. ECE3204, ECE3113 (*RF Circuits*)
- d. ECE3204, ECE4902, ECE4904 (*Analog Microelectronics*)
- e. ECE3501, ECE3503 (*Power Electronics*)
- f. ECE4011, ECE4023 (*Biomedical Engineering*)

Additional areas of concentration, for example in *Robotics*, can be made in consultation with relevant ECE faculty members.

Students seeking an ECE Minor should complete this form and submit it to the ECE office as early in the program of study as possible. The chair of the ECE curriculum committee will be responsible for review and approval of all ECE Minor requests.

WPI policy requires that no more than one unit of course work can be double counted toward other degree requirements.

Application for Electrical & Computer Engineering Minor

Last Name: _____ First Name: _____

Student Number: _____ - _____ - _____ Major Department: _____

Anticipated Graduation Date: _____ Email: _____ @ wpi.edu

Instructions:

- i. In the table below, list the six courses with prefix “ECE” satisfying requirement (1) for two units of work.
- ii. In the shaded cells, list the two courses satisfying requirement (2) for at least 2/3 unit from ECE courses at the 3000-level or above which are thematically related
- iii. Check to indicate which courses are being double-counted for other degree requirements. Note that WPI policy requires that no more than one unit of course work can be double counted.
- iv. Verify that you have consulted with your academic advisor regarding the ECE Minor.
- v. Obtain approval from the Chair of the ECE Curriculum Committee

COURSE NUMBER	COURSE TITLE	TERM	GRADE	
ECE				<input type="checkbox"/>
ECE				<input type="checkbox"/>
ECE				<input type="checkbox"/>
ECE				<input type="checkbox"/>
ECE				<input type="checkbox"/>
ECE				<input type="checkbox"/>

IF DOUBLE COUNTED ↑

Have you discussed your application for the ECE minor with your academic advisor? Yes _____ No _____

Minor Approval: _____ Date: _____
For ECE Curriculum Committee