

# Electrical + Computer Engineering

To qualify for both the BSEE and BSCmpE degrees from Purdue University Fort Wayne, the following minimum requirements must be met.

## Freshman Year Requirements (31 credit hours)

- CHM 11500, MA 16500, MA 16600, PHYS 15200, ENGR 12700, ENGR 12800, COM 11400, ENGL 13100

## ECE Requirements (83 credit hours)

### Core Courses for Both EE and CmpE Curriculum (29 credit hours)

- ECE 20100, ECE 20200, ECE 20700, ECE 20800, ECE 25500, ECE 27000, ECE 30100, ECE 30200, ECE 36200, ECE 22900

### Core Courses for EE Curriculum (16 credit hours)

- ECE 31100, , ECE 33300, ECE 42800, ECE 43600, ECE 46000

### Core Courses for CmpE Curriculum (17 credit hours)

- ECE 35800, ECE 36800, ECE 43700, ECE 46500, ECE 48500

### Senior Design (6 credit hours)

- ECE 40500 and ECE 40600

### ECE Electives (15 credit hours)

- Minimum of 6 credit hours must come from the Electrical Engineering Group 1 technical electives (except ECE 46500). Minimum of 3 credit hours must come from the Computer Engineering Group 1 technical electives (except ECE 42800). The rest of the credits must come from the list of approved technical electives for the electrical engineering and computer engineering programs

## Advanced Physics (5 credit hours)

- PHYS 25100 (Also listed as a General Education Elective in area B7)

## Mechanical Engineering Elective (2 credit hours)

- ME 25300

## Advanced Math (13 credit hours)

- MA 26100, MA 17500 or MA 27500, MA 35100, MA 36300

## **General Education Electives (6 credit hours)**

Meet the General Education Program requirements of both programs:

- 3 credit hours from area B5
- 3 credit hours from area B6

**Total credits: 140 credit hours**

## **GPA Requirements**

A graduation index of 2.0 or better is required to fulfill the BSEE and BSCmpE degree requirements. In addition, a minimum overall GPA of 2.0 is required for all ENGR and ECE courses.

Effective: Fall 2019