Program Description | Type | Degree
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Electrical Engineering, B.S. (http://coursecat.isu.edu/undergraduate/scienceengineering/electrical-and-computer-engineering/bs-electrical-engineering/ | Degree | B.S.
Electrical Engineering Technology, B.S. (http://coursecat.isu.edu/undergraduate/scienceengineering/electrical-and-computer-engineering/bs-electrical-engineering-technology/) | Degree | B.S.

General Information
Idaho State University ECE graduates are successfully employed in many and varied pursuits – private, commercial, industrial, government, etc. – throughout the region, the nation, and the world. Many have also chosen to continue advanced studies in a variety of specialized engineering disciplines.

Every student entering ECE is assigned a faculty advisor to guarantee selection of an appropriate plan of study and to ensure continuity throughout the program. Each student must complete appropriate university general education courses together with specialized ECE program requirements. A student pursuing a double major should regularly consult a faculty advisor from each of the two major programs.

Students entering electrical or computer engineering should have adequate preparation in math (algebra and trigonometry or higher) to enter the calculus sequence. Those not entering at the calculus level will not be eligible to register for any ECE course beyond EE 1101 until they have met this mathematics requirement. This may consequently require more than four years to succeed in graduation from the program.

Other academic opportunities available include a combined BSEE/MBA degree program, as well as a two-year post-ASEET program leading technicians and technologists with at least five years of on-the-job experience to a BS degree in electrical engineering technology (BSEET). Students who are interested in these programs should consult the ECE Chair for further details.

General Education Requirements
Students working toward the Bachelor of Science degree must complete 8 of the University’s 9 General Education Objectives (a minimum of 36 credits). See the General Education Requirements in the Academic Information section of the catalog for more information.

Fundamentals of Engineering Exam
Electrical engineering students are encouraged to take the Fundamentals of Engineering (FE) exam during their senior year, while the breadth of the engineering material covered on the examination is still fresh in their minds. This exam is the first step in professional licensure for engineers.

Accreditation
The Bachelor of Science program in Electrical Engineering (BSEE) is accredited by the Engineering Accreditation Commission of ABET, http://www.abet.org.

Educational Objectives
- **Depth and Breadth**: Produce graduates who demonstrate broad and in-depth knowledge in the practice of, or advanced study of, electrical and computer engineering.
- **Career Development**: Produce graduates who demonstrate and maintain the necessary knowledge and skills throughout their careers to solve problems in the complex modern work environment.
- **Professionalism**: Produce graduates who ethically execute their professional responsibilities.

Declaring an Electrical or Computer Engineering Major
To declare an Electrical or Computer Engineering major, a student must meet with an ECE faculty advisor to develop a plan of study leading to degree completion. Declaration of major should be done as early as possible upon consultation with the faculty advisor.

Faculty (http://coursecat.isu.edu/undergraduate/scienceengineering/electrical-and-computer-engineering/faculty/)

ECE Courses (http://coursecat.isu.edu/undergraduate/allcourses/ee/)