

Graduate Admissions Requirements for Electrical Engineering applies to students without a B.S. Degree in Electrical Engineering from an ABET-accredited institution.

Basic Science: at least one course in a basic science, preferably chemistry (Ch 101).

Physics: at least two courses in calculus-based physics including at least one laboratory (PHYS 122, 221, 223).

Mathematics: the equivalent of the Clemson calculus sequence (MthSC 106, 108, and 206), ordinary differential equations (MthSC 208), and theory of probability (ECE 317 or MthSC 400).
Equivalent of ECE courses through junior year.

ECE 201 Logic and Computing Devices

ECE 202 Electric Circuits I

ECE 262 Electric Circuits II

ECE 272 Computer Organization

ECE 317 Random Signal Analysis

ECE 320 Electronics I

ECE 321 Electronics II

ECE 330 Signals, Systems, and Transforms

ECE 360 Electric Power Engineering

ECE 371 Microcomputer Interfacing

ECE 380 Electromagnetics

ECE 381 Fields, Waves, and Circuits