

# ELECTRICAL ENGINEERING

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## Admission Requirements

Requirements for admission to graduate degree programs in electrical engineering (M.E., M.S., Ph.D.) include the general admission requirements of The Graduate School as well as more stringent departmental requirements, as described below. In general, the admissions process is highly competitive. Admissions decisions are based on the quality of the applicant's previous university-level academic work (as reflected by grade point average, or GPA), letters of recommendation (at least two letters are required for evaluation), GRE scores for Ph.D. program, and other evidence of past accomplishments.

For admission to the M.E., M.S., and Ph.D. degree programs in electrical engineering, applicants normally hold the B.S. degree in electrical engineering from an ABET-accredited engineering program. Students holding B.S. degrees may apply for direct admission to the doctoral program; it is not necessary to complete a master's degree first. Applicants with degrees (B.S. or higher) in other engineering disciplines or physics may be admitted with additional remedial course requirements in electrical engineering at the undergraduate level. Remedial courses will typically include the prerequisites for required graduate courses, and may include additional courses in mathematics. The detailed specification of course requirements and substitutions of courses from other universities will be considered on a case-by-case basis.

M.S. and Ph.D. applicants are strongly encouraged to distinguish their area of specialization when applying to the Graduate Program in order to identify a Research Advisor. The M.S. and Ph.D. applicants must secure an advisor who is willing to supervise him or her before being admitted into the program.

GRE scores are not required for the Electrical Engineering ME or M.S. program; however GRE scores are required for the Electrical Engineering Ph.D. program. Students applying for the Ph.D. program who have obtained a BS degree from the University of South Carolina are exempt from the GRE requirement. International applicants must also submit TOEFL or IELTS Intl. Academic Course Type 2 exam scores. All applicants should submit a statement of purpose (or similar essay) that describes the applicant's background, research interests, and whether or not financial aid is required. For students seeking a research-oriented degree (M.S. or Ph.D.), a preliminary contact with a research advisor is strongly suggested.

Typical successful students have GRE scores of at least 153 (verbal), 155 (quantitative), and 3.0 (analytical). A TOEFL score greater than 80 (internet-based) or 570 (paper-based) is also required by the Graduate School. The typical overall band score on the IELTS Intl. Academic Course Type 2 exam is 6.5.