

ELECTRICAL ENGINEERING

Department Website (https://www.sc.edu/study/colleges_schools/engineering_and_computing/departments/electrical_engineering/)

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Graduate programs of the Department of Electrical Engineering emphasize research-oriented graduate study through the Doctor of Philosophy (Ph.D.) and Master of Science (M.S.) programs, and professional development through the Master of Engineering (M.E.) program. Financial assistance is available for the EE graduate students pursuing Ph.D. and M.S. degrees, but applicants should be aware that both financial assistance and the availability of faculty to supervise research are decided on a highly competitive basis.

APOGEE (A Program of Graduate Engineering Education) provides a mechanism for qualified engineers to earn a graduate-level degree while maintaining full-time employment. The program delivers graduate courses through a media-based system incorporating television, videotapes, the Internet, digital video, and periodic visits to campus.

The electrical engineering department is currently highly ranked in both program quality and faculty research productivity in the South (as per National Research Council), and strives to prepare the graduate students for highly successful careers in academia, industry, and government laboratories.

Research Focus Areas

The EE Department's core research expertise is in the following areas:

- Power and Energy Systems
- Communication and Electromagnets
- Electronic Materials and Devices
- Decision and Control