

ELECTRICAL AND COMPUTER ENGINEERING

Graduate Faculty: Professors: Lu (Chair), Malinowski, Shastry; Associate Professors: Imtiaz, Miah; Emeritus Professors: Anakwa, Schertz, Stewart; Emeritus Associate Professors: Huggins, Jetton; Assistant Professor in Residence: Gutschlag (Emeritus)

Department Mission

The mission of the Electrical and Computer Engineering Department is to educate the next generation of electrical and computer engineers to meet the challenges of the future, and empower our graduates for immediate and sustained success in their professional practice.

Program Educational Objectives

The Department of Electrical and Computer Engineering offers a graduate program leading to the degree of Master of Science in Electrical Engineering (MSEE) (<https://catalog.bradley.edu/graduate/programs/master-science-electrical-engineering/>) and a combined undergraduate and graduate program leading to the degree of Bachelor of Science/ Master of Science in Electrical Engineering (BSEE/MSEE 4+1) (<https://catalog.bradley.edu/graduate/programs/bachelor-science-electrical-engineeringmaster-science-electrical-engineering-bseemsee-41-program/>). The goal of the MSEE program is to enhance the student's understanding of advanced concepts in electrical and computer engineering and to enrich the student's research and design development skills in their professional field. The MSEE degree program educational objectives (PEOs) are given by

1. To graduate electrical engineers who can design experiments and conduct projects independently.
2. To graduate electrical engineers who understand and employ state-of-the-art software tools for simulation, validation, and implementation of hardware and software.
3. To graduate electrical engineers who can read technical literature, acquire new knowledge, and apply new findings into practice.
4. To educate electrical engineers who will further seek for advanced education in their chosen fields.