

Bachelor of Science in Computer Engineering[†]

Department of Electrical and Computer Engineering

Program Educational Objectives

- Objective 1:** To provide a first-rate education in the principles of computer hardware, computer architecture, computer-aided digital system design, computer networks, software engineering, circuits, and basic electronics that incorporate open-ended design and theoretical experiences and the use of hardware and software systems and tools.
- Objective 2:** To prepare students for careers and/or graduate education in computer engineering as it applies to digital systems, computer architecture, computer-aided design, computer networks, and software engineering.
- Objective 3:** To develop skills for clear verbal and written communication and responsible teamwork, and to foster professional attitudes and awareness of the benefits of life-long learning.
- Objective 4:** To provide a learning environment that is based on open interaction with experienced faculty and staff and a curriculum that is dynamic, rigorous, and innovative.