Bachelor of Science in Electrical Engineering

The Electrical Engineering program offers study in all areas fundamental to Electrical Engineering and the electrical sciences: circuit analysis and design, electronics, communications, electromagnetics, controls, solid state, system analysis, and microelectromechanical systems (MEMS), bioelectrical devices and systems, and power engineering. Basic concepts are augmented with well-equipped laboratories in circuits, electronics, digital systems, microwave techniques, wireless circuits & systems, and controls and communications. In addition, a general-purpose computer facility, a microprocessor and digital signal processing laboratory, and a microelectronics fabrication, design/test and metrology laboratory are available.

Entry-Level Positions

- Electrical Engineer
- Firmware Engineer
- Integrated Systems Engineer

Curriculum Information

- Electrical Engineering Eight Semester Plan

Positions with a Graduate Degree

- Engineering Teachers, Postsecondary

Professional Organizations and Related Resources

- Institute of Electronics and Electrical Engineers
- Institute of Electronics and Electrical Engineers - Power and Energy Society
- National Society of Professional Engineers
- Sloan Career Cornerstone Center
- Society of Women Engineers
- American Society for Engineering Education

Where else can I find information on this major?

- Occupational Outlook Handbook
- O*Net Online
- USF Career Services