Electrical and Computer Engineering

The ECE department offers a non-thesis, coursework-only masters degree. A candidate receives the Master of Science (M.S.) degree by successfully completing a set of courses, online or on campus, approved by a major professor or the ECE Graduate Program Officer (GPO). The applicant must hold a bachelor’s degree or its equivalent from an institution of recognized standing. All applicants must submit GRE (Graduate Record Examination) scores for the General Test, and TOEFL (Test of English as a Foreign Language) scores in the case of international applicants.

Minimum Requirements for Master of Science Degree

- A minimum of 33 semester hours of graduate 6000/7000/8000 level course work
- A minimum of 21 semester hours in the major area
- A minimum of 24 semester hours taken at Auburn University

Additional Electrical and Computer Engineering Requirements

- At least 18 semester hours of ECE graduate courses, excluding 7900 and seminar, must be taken. A deviation from this requirement may be allowed, as appropriate, with the approval by the major professor and department chair.
- At least one course must be taken in three of the six research areas:
  - Computer Systems (62x6, 72x6, 82x6, 6156)
  - Electromagnetics (63x6, 73x6, 83x6)
  - Communications (64x6, 74x6, 84x6, 6106, 6116, 6126)
  - Control Systems (65x6, 75x6, 85x6)
  - Power Systems (66x6, 76x6, 86x6)
  - Electronics (67x6, 77x6, 87x6, 6136)
- No more than three semester credits of independent study (ELEC 7900 or equivalent) can be included.
- 7980 cannot be included
- 7990 cannot be included

A formal plan of study must be approved by the student’s major professor and the department chair, and filed with the Graduate School.

List of online courses

- ELEC 6256 Computer Aided Design of Digital Circuits
- ELEC 6266 Embedded Computing Systems
- ELEC 6346 Microwave and RF Engineering
- ELEC 6416 Digital Signal Processing
- ELEC 6626 Power System Analysis
- ELEC 6636 Electric Machines
- ELEC 6656 Power System Protection
- ELEC 6766 Solid State Sensors
- ELEC 6816 Computed Imaging Systems
- ELEC 6976 Power Quality
Application Procedures

- Fill out the online graduate application at app.applyyourself.com/?id=auburn-g (you will be required to create an account)
- Provide GRE scores (also TOEFL scores if international), resume, statement of purpose, and three letters of recommendation
- For more information, visit grad.auburn.edu

Application Deadlines (Late applications will be reviewed at the next deadline)

Fall Semester
Domestic Applicants - May 1

Spring Semester
Domestic Applicants - September 15

www.eng.auburn.edu/ece