

ELECTRICAL AND COMPUTER ENGINEERING, M.S.E.C.E.

The Department of Electrical and Computer Engineering offers a Master of Science in Electrical and Computer Engineering (M.S.E.C.E.). This program is designed for students who are interested in engineering careers that require education beyond the baccalaureate degree. Examples of those include engineers performing industrial research and development or students who plan to pursue a doctoral degree.

Admission and Financial Aid

Admission is based on undergraduate academic record, the Graduate Record Examination (GRE), and letters of recommendation for the candidate. Tuition waivers and stipends are available on a competitive basis.

Requirements

Thesis Option Requirements

A discovery-oriented thesis is required in accordance with the criteria listed in the graduate catalog general requirements.

Code	Title	Hours
Course Work		24
ELC 5V99	Master's Thesis	6
Total Hours		30

Non-Thesis Option Requirements

A 3 credit MS-level project to be completed under the supervision of a ECE graduate faculty member that results in a project report submitted to the Department of Electrical and Computer Engineering.

Code	Title	Hours
Course Work		27
ELC 5397	Special Projects in Engineering (MS Project)	3
Total Hours		30

Courses will be selected in consultation with the student's advisor. Courses in the departments of Mechanical Engineering, Mathematics, Statistics, Physics, Chemistry, Biology, or Environmental Science may be included in this total with consent of the advisor.