

M.S. IN ELECTRICAL ENGINEERING

Two M.S. degrees are offered by the department – one in Electrical Engineering and the other in Engineering. Students studying under the HPCS or SIS focus groups receive the M.S. in Engineering, with concentration in Computer Science and Engineering, while those working under the other groups receive the M.S. in Electrical Engineering degree. The Master of Science degree is offered with the following options.

1. **Master of Science degree with Thesis option:** A minimum of 30 credit hours of approved graduate study, including nine credit hours of Master of Science thesis under the supervision of a faculty member, is required. Students are required to submit a written thesis and successfully complete the oral defense of the thesis work.
2. **Master of Science degree with Non-Thesis option:** The degree requirements for the Master of Science with non-thesis option are:
 - a. **Master of Science degree with Project option:** Students are required to complete 30 credit hours of approved graduate-level work, including six hours of Master of Science project as specified by the individual department guidelines and requirements. Students are required to submit a written project report to the department.
 - b. **Master of Science degree with Course Work-only option:** Students are required to complete 30 credit hours of approved graduate-level course work

Students must complete the following additional requirements:

- Submit a Plan of Study, which must be approved by a faculty advisor and the graduate program director.
- A minimum of 18 hours of EECS courses (including thesis/project and independent study).
- At least six hours of EECS courses at the 6000 level, excluding thesis and independent study.
- One credit hour (included in the required 30 hours for the program) of the EECS graduate seminar course EECS 5930 with a maximum of two excused absences in the semester.

Students are encouraged to include higher-level math courses in their program, subject to approval of their advisers.

Courses taken on an audit basis do not count toward the degree. Courses outside of the College of Engineering require prior approval.

In order to be awarded the Master of Science degree, the student must have at least a B average (a minimum GPA of 3.0/4.0) for all graduate course credits in the program of study as well as for the entire graduate transcript. Only credit hours obtained with a letter grade of “C” or higher, or an “S” grade for the limited number of classes offered on a satisfactory or unsatisfactory basis, will fulfill the degree requirements.