The Master of Science Program in Electrical Engineering provides graduate level education for advanced professional practice or further graduate studies. The program offers the following four tracks: Computer Engineering, Communications and Signal Processing, Electronic and Optical Materials and Devices, and Power Systems and Control.

**Additional Admission Requirements:**
An applicant may be unconditionally admitted to the MSEE program if he/she possesses an undergraduate degree in Electrical Engineering from an ABET accredited institution with an overall GPA of 3.0 or better on a 4.0 scale. In addition, each applicant must have a 3.0 average in all of his or her engineering courses. International students are not given unconditional status unless they submit the GRE scores to the School of Graduate Studies.

**Degree Requirements**

Total Credit Hours: 30

- Required Core Courses for All Options (12 credits): ECEN 621, ECEN 629, ECEN 650, and ECEN 668

**Thesis Option**
- ECEN Electives (6 credits): Take 6 credits from ECEN 600-800
- Technical Electives (6 credits): Take 6 credit hours with Advisor’s Approval
- Thesis (6 credits): ECEN 797
- At least 60% of the 30 credits (18 credit hours) must be at the 600 or 700 level

**Project Option**
- ECEN Electives (6 credits): Take 6 credits from ECEN 600-800
- Technical Electives (9 credits): Take 9 credit hours with Advisor’s Approval
- Project (3 credits): ECEN 796
- At least 60% of the 30 credits (18 credit hours) must be at the 600 or 700 level

**Course option**
- ECEN Electives (6 credits): Take 6 credits from ECEN 600-800
- Technical Electives (12 credits): Take 12 credit hours with Advisor’s Approval
- Pass Exit Examination (0 credits): ECEN 791
- At least 60% of the 30 credits (18 credit hours) must be at the 600 or 700 level