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:**
- Unconditional admission requires an undergraduate degree in Electrical Engineering from an ABET accredited institution with an overall 3.0 GPA in all engineering courses.

**Degree requirements**
- Total credit hours: 30
- Required courses (12 credits): ECEN 621, ECEN 629, ECEN 650, ECEN 668
- **Thesis Option**
  - ECEN electives (6 credits): Take 6 credits from ECEN 600-800 with approval of advisor
  - Technical Electives (6 credits): Take 6 credit hours with approval of advisor
  - Thesis (ECEN 797: 6 credits)
  - Attend master’s seminar
  - Pass thesis defense
  - At least 60% of the 30 credits (18) should be at 600-700 level
- **Project Option**
  - ECEN electives (6 credits): Take 6 credits from ECEN 600-800 with approval of advisor
  - Technical Electives (9 credits): Take 9 credit hours with approval of advisor
  - Project (ECEN 796: 3 credits)
  - Attend master’s seminar
  - At least 60% of the 30 credits (18) should be at 600-700 level
- **Course Only Option**
  - ECEN electives (6 credits): Take 6 credits from ECEN 600-800 with approval of advisor
  - Technical Electives (12 credits): Take 12 credit hours with approval of advisor
  - Attend master’s seminar
  - Pass MSEE degree exit examination (ECEN 791: 0 credits)
  - At least 60% of the 30 credits (18) should be at 600-700 level