

Electrical and Computer Engineering Master's

Department Information

- **Program Information:**
ndsu.edu/programs/graduate/electrical-and-computer-engineering (<http://ndsu.edu/programs/graduate/electrical-and-computer-engineering/>)
- **Department Web Site:**
ndsu.edu/ece/ (<http://ndsu.edu/ece/>)
- **Application Deadline:**
Fall semester - February 28; Spring semester - October 15
- **Credential Offered:**
M.S., M. Engr.
- **Test Requirement:**
GRE
- **English Proficiency Requirements:**
TOEFL ibT 71, IELTS 6, Duolingo 105; To qualify for teaching assistantship TOEFL ibT 100, IELTS 7, Duolingo 125

Apply Now (https://ndsugrad.my.site.com/Application/TX_SiteLogin/?startURL=/Application/TargetX_Portal__PB)

Master of Science Curriculum

Code	Title	Credits
Minimum of 24 credit hours of graduate coursework subject to the following limitations and approved by the student's supervisory committee:		24
ECE 702	Advanced Research Topics (to be taken during first year)	
At most 6 hours of independent study, ECE 796 or ECE 896		
At least 15 hours of ECE courses		
At least 6 hours of didactic ECE 7xx courses, which excludes ECE 796		
ECE 798		6
Total Credits		30

Admission and Application Requirements

- Graduate School admission and application requirements are found on the Admission Information (<https://catalog.ndsu.edu/past-bulletin-archive/2025-2026/graduate/admission-information/>) page.
- In addition, this program prefers applicants to contact and work with an ECE professor before coming to NDSU, such that the professor recommends the applicant for admittance into the program. Each professor will have different expectations for the amount and type of work he/she will require you to do in order for him/her to recommend you for admittance into the NDSU ECE graduate program.
 - Applicants should review the department website and contact a faculty member working in a research area in which they are interested in pursuing their graduate studies.
- If the applicant is not recommended by a professor, the program requires applicants to complete the GRE with a score of at least 145 Verbal and 155 Quantitative, and have a minimum GPA of 3.0 on their latest Electrical Engineering or Computer Engineering degree, either B.S. or M.S.
 - The GRE subject area test is not required.

Master of Engineering Curriculum

The Master of Engineering degree requires a minimum of 30 semester credits beyond the B.S. degree. The Master of Engineering is a course-work only program requiring a capstone consisting of a portfolio or written exam.

Admission and Application Requirements

- Graduate School admission and application requirements are found on the Admission Information (<https://catalog.ndsu.edu/past-bulletin-archive/2025-2026/graduate/admission-information/>) page.
- In addition, this program requires applicants to have a
- GRE score of at least 145 Verbal and 155 Quantitative and a minimum GPA of 3.0 on your Electrical Engineering or Computer Engineering B.S. degree.

- The 3.0 minimum GPA admission requirement may be waived for applicants with substantial ECE industry experience.
- The GRE subject area test is not required.