

Electrical and Computer Engineering Doctorate

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:**
Ph.D.
- **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)

Code	Title	Credits
Graduate Course Work		
ECE 702	Advanced Research Topics (to be taken in the first year)	1
Didactic 7xx/8xx NDSU courses of which		15
At least 9 hours of didactic ECE 7xx courses		
At least 6 credit outside of ECE		
ECE 796	Special Topics	at most 12 credits
ECE 899		at least 30
Total Credits		60-90

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.