

# Electrical and Computer Engineering

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## Department Information

- **Department Chair:**  
Benjamin Braaten, Ph.D.
- **Graduate Coordinator:**  
Sudarshan Srinivasan, Ph.D.
- **Department Location:**  
101 Electrical Engineering Building
- **Department Phone:**  
(701) 231-7019
- **Department Web Site:**  
[www.ndsu.edu/ece/](http://www.ndsu.edu/ece/) (<http://www.ndsu.edu/ece/>)
- **Application Deadline:**  
February 28 for fall and October 15 for spring (openings may be very limited for spring)
- **Credential Offered:**  
Ph.D., 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

## Master of Engineering and Master of Science

The Master of Engineering and the Master of Science degrees require 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. For the Master of Science, 6 hours of the 30 must be assigned to the thesis. All students must pass a final oral examination covering both course work, and the thesis.

## Ph.D. Program

The Doctor of Philosophy degree requires a minimum of 90 credits beyond the baccalaureate with an overall GPA of 3.0 or higher. Of these 90 credits, a minimum of 36 credits of graduate-level coursework and a minimum of 30 credits of dissertation are required, including ECE 702: Advanced Research Topics, 1 credit.

## Academic Good Standing

All graduate students must maintain a 3.00 GPA or better and make significant progress towards their degree to remain in good standing. Failing to do either may hinder the student's financial assistance and/or ability to register for courses in the ECE graduate program.