Electrical and Computer Engineering

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/)
- **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.