ENGINEERING (PHD) - COMPUTER ENGINEERING - ELECTRICAL AND COMPUTER ENGINEERING

Description

The Electrical and Computer Engineering (ECE) Department at the University of Nebraska-Lincoln offers graduate programs in Telecommunications and Computer Engineering leading to master's and doctoral degrees. The graduate program prepares students for professional and research careers in industry and academia through providing a strong breadth of knowledge and depth of expertise in telecommunications engineering and computer engineering.

Graduate students have the opportunity to experience and contribute to innovative engineering research in areas of wireless communications, wireless sensor networks, multimedia processing, network security, optical communications, biomedical communications engineering, and other related research areas. Students are able to participate in interdisciplinary studies with other departments and programs at the University of Nebraska including the University of Nebraska Medical Center.

The ECE Department has extensive state-of-the-art research and computing facilities for all areas of active research including access to the Holland Computing Center which has over 5,600 processors and is capable of a sustainable computation rate of more than 20 trillion floating-point operations per second (20 TFlops).

The ECE Department is a University of Nebraska-Lincoln program located in the Peter Kiewit Institute in Omaha. The Peter Kiewit Institute was established to support high-quality research by faculty and students coupled with business and economic development initiatives to generate unity-of-effort among academic, industry and local, state and federal government organizations in solving local, regional and national problems.

Program Website

https://engineering.unl.edu/ece/

Applying for Admission

Standard requirements for all graduate programs

- Application for Admission with $50 non-refundable application fee (https://graduate.unl.edu/admissions/requirements#appfee).
- Transcripts (https://graduate.unl.edu/admissions/requirements#transcripts) (unofficial): Uploaded as part of application form.

  If International: Uploads must include all college- or university-level transcripts or mark sheets (records of courses and marks earned), with certificates, diplomas, and degrees plus certified English translations.

  After admission: Official documents are required from all students who are admitted and enroll. Photocopies of certified records are not acceptable. International students enrolled in other U.S. institutions may have certified copies of all foreign records sent directly to the Office of Graduate Studies by their current school's registrar office.
- If applicant's native language is not English, verification of English proficiency (https://graduate.unl.edu/admissions/english-proficiency) is required.

  When sending TOEFL scores, our institution code is 6877 and a department code is not needed.
- If applicant is not a US citizen and expects an F or J visa: financial information (https://graduate.unl.edu/prospective/international/financial).
- Applicants must also fulfill any additional requirements the department specifies at the time of application.

Additional requirements specific to this program

- Entrance exam(s): GRE (http://www.ets.org/gre) (optional)
- Minimum English proficiency: Internet TOEFL (http://www.toefl.org/) 90, IELTS (https://www.ielts.org/) 6.5
- Resume
- Personal Statement: Why did you choose our program? Tell us about your research interests and/or previous research and your qualifications, along with your career goals. Do you have a faculty member that has research in your area of interest that you would like to work with or have contacted? (1-2 pages)
- Faculty and Research: Review current faculty and their research areas, and indicate your interests in the application form.
- Three recommendation letters

Admission Application Deadlines

- For full financial consideration, students must apply by January 15 for Fall or by October 1 for Spring.