



TELECOMMUNICATIONS ENGINEERING (MS)

Description

This graduate program provides advanced education and research to develop a breadth of knowledge and depth of expertise in the engineering of telecommunication networks and systems.

This University of Nebraska-Lincoln program is housed in Omaha, Nebraska at the Peter Kiewit Institute of Information Science, Technology, and Engineering (PKI) which is approximately 50 minutes from the Lincoln campus. Students, however, may take some of the courses through the electrical engineering and computer science departments on the Lincoln campus.

The partnership with PKI provides graduate students with unique opportunities for both academic and career exploration. Specialized state-of-the-art laboratories and computer facilities are available including optical, wireless, and telecommunications laboratories; IBM supercomputer facilities; and high-speed connections to Internet2 and AccessGrid.

For admission to this program, a student must have a bachelor of science in computer engineering, electrical engineering, electronics engineering, or a closely related field. Applicants with undergraduate degrees in other areas may be admitted to the master's degree program with the requirement of additional course work to eliminate the deficiencies.

Program-Related Information

Graduate Chair

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Support Staff

Teresa Ryans
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Program Website

<https://engineering.unl.edu/ece/ms-telecommunications-engineering/>

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

- GRE (optional)
- Minimum English proficiency: Paper TOEFL (<http://www.toefl.org/>) 550, Internet TOEFL (<http://www.toefl.org/>) 79, IELTS (<https://www.ielts.org/>) 6.5
- Three letters of recommendation
- Personal Statement: In 1-2 pages, this statement should describe why you chose this program, your research interests and/or previous research, your qualifications, and your career goals. If you've identified a faculty member with whom you would like to work, name them, describe how your interests align with their work, and indicate whether you've been in contact with them.

Admission Application Deadlines

For full financial consideration, students must apply by January 15 for Fall and September 15 for Spring.

Requirements

Hours required: 30-36

Options for the Master's Degree (<https://catalog.unl.edu/graduate-professional/policies/academic-program-requirements/#masters>)