



INTERNET OF THINGS (CERTIFICATE)

Description

The Internet of Things (IoT) is a network of everyday items, such as devices, vehicles, and home appliances, that connect to the Internet and to each other. IoT technologies have had a transformative impact on key industries such as healthcare, agriculture, manufacturing, and defense.

Program-Related Information

Graduate Chair

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Support Staff

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Program Website

<https://computing.unl.edu/>

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.

Certificate programs are not considered degree programs, so international students should be aware that admission to this program is ineligible for immigration forms for an F-1 student visa.

Admission Application Deadlines

Rolling deadline.

Requirements

Complete 12 credit hours as described below with a grade of B or better:

Required Courses (3 credits)		3
CSCE 838	Internet of Things	3
Electives (9 credits)		9
CSCE 829	Information Theory	3
CSCE 836	Advanced Embedded Systems	3
CSCE 839	Robotics: Algorithms and Applications	3
CSCE 858	Molecular and Nanoscale Communication	3
CSCE 863	Data and Network Security	3
CSCE 865	Wireless Communication Networks	3
CSCE 875	Multiagent Systems	3
CSCE 878	Introduction to Machine Learning	3
CSCE 892	Special Topics in Computer Science	1-3