

GRADUATE PROGRAM

Networked Systems



The networked systems program provides education and research opportunities to M.S. and Ph.D. students in the areas of computer and telecommunication networks.

Networked systems include the internet, cell phone networks, cable television networks, wireless networks, sensor networks, Internet of Things and other emerging networks.

DEGREES OFFERED

M.S. & Ph.D.

HIGHLIGHTS

- Interdisciplinary environment
- Top rated by academic analytics
- Excellent record of placing graduates
- Great location and connections to industry

RESEARCH FOCUS AREAS

- Network Architecture and Protocols
- Network Security
- Multimedia Protocols
- Middleware
- Wireless Networks
- Mobile Systems
- Internet of Things (IoT)
- Network Embedded Systems
- Net Neutrality
- Network Privacy
- Sensor Networks

ADMISSION

Applicants who do not hold a bachelor's degree in computer science, computer engineering or electrical engineering may be required to take supplementary coursework to obtain and demonstrate sufficient background in the field.

Applicants are evaluated based on their prior academic record and their potential for creative research and teaching, as demonstrated in their application materials including university transcripts, letters of recommendation and a statement of purpose.

PROGRAM REQUIREMENTS

The graduate program in networked systems includes core, breadth and concentration courses. Core courses are taken by all networked systems students and form a foundation for networking topics. Breadth courses may be selected from computer science & engineering courses (including cryptography, data management and structures, algorithms and random processes) and from management and applications of technology (including security and privacy, social analysis and network theory). Concentration courses may be selected from courses in networks, performance, middleware and communications.

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