

## WHY A GRADUATE DEGREE AT IS&T IN COMPUTER SCIENCE

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Master's education is the fastest-growing and largest segment of graduate education. Many students and professionals recognize that in order to be competitive in the marketplace, additional skills and education are necessary. A master's degree may provide the foundations for a Ph.D.

According to the Bureau of Labor Statistics, computer scientists' job outlook will increase 19% between 2016 and 2026. This profession typically requires a master's degree for entry-level positions.

What's more, computer scientists who hold a master's degree could earn up to 26% more than someone with a bachelor's degree.

## BENEFITS

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- » Advance your career
- » Gain credentials
- » Hone professional skills
- » Earn a higher salary
- » Change careers
- » Increase leadership abilities

## STUDENTS AND ALUMNI

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Our world relies on the advancing technologies that computer scientists develop. Our alumni work all over the world in government, business, and academia. Just a few examples of job titles are:

- |                             |                           |
|-----------------------------|---------------------------|
| » Chief Information Officer | » Web Developer/Webmaster |
| » Lead Programmer           | » Video Game Programmer   |
| » Software Developer        | » Software Engineer       |
| » Information Scientist     |                           |



UNIVERSITY OF NEBRASKA AT OMAHA  
COLLEGE OF INFORMATION SCIENCE & TECHNOLOGY



WHAT'S NEXT?  
**MASTER OF  
SCIENCE IN  
COMPUTER  
SCIENCE**



UNIVERSITY OF NEBRASKA AT OMAHA  
**GRADUATE STUDIES**

**cs.unomaha.edu**

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UNIVERSITY OF  
**Nebraska**  
Omaha



# MASTER OF SCIENCE IN COMPUTER SCIENCE

The University of Nebraska at Omaha (UNO) College of Information Science and Technology (IS&T)'s Computer Science faculty offer a wide variety of courses spanning from programming languages to artificial intelligence. The faculty prides itself in teaching a portfolio of courses that directly ties in their research expertise. Our graduate students receive the most up-to-date instruction and the opportunity to conduct cutting-edge research in computer science at the Peter Kiewit Institute, a state-of-the-art facility in the heart of Omaha.

Your degree experience will boast top-notch computer science faculty and an international culture that is unparalleled. As a student, you'll have opportunities to conduct both applied and basic research, as well as produce innovative and usable concepts, all while working directly with our award-winning faculty.

Our graduate program in computer science will deliver you a solid foundation of information technology principles, while providing you with a ground breaking education. The fast-paced field of computer science requires critical thinking, sharp technical skills, and agility to solve some of our most pressing problems. Our program will not only educate computer scientists, but prepare you for the ever-changing challenges of today's technological advances.

## ADMISSION REQUIREMENTS

We invite applicants from computer science and other fields. Some deficiency courses may be assigned for non-CS majors.

- » GPA minimum of 3.0
- » GRE: Quantitative minimum score of 158 or 740 (paper-based prior scale), Verbal minimum score of 146 or 400 (paper-based prior scale)\*
- » For International Applicants: minimum test scores on TOEFL (550 paper-based, 213 computer-based), iBT (80), or IELTS (6.5)
- » Two recommendation letters and a professional resume

\* Please contact the Graduate Program Committee regarding GRE waivers.

## OMAHA

- » #1 in The Top 10 Best American Cities to Work in Tech 2015 - SmartAssest
- » #1 in Top U.S. City for Paid Internships - InternMatch
- » #1 in Best City in the Midwest - Time.com/money
- » #2 in Best U.S. Cities for Millennial College Students - CNBC
- » #3 in The Best Cities to Find a Job in 2016 - ZipRecruiter
- » #5 in Best Metro Area (Omaha-Council Bluffs) for STEM Professionals - WalletHub

## FINANCIAL SUPPORT

UNO is the **most affordable metropolitan university** among peer institutions across the country.

We offer multiple ways to financially support students earning their graduate degrees:

- » Graduate Assistant positions
- » Advantage Scholarship for non-residents
- » Tuition Waiver Scholarship for outstanding new students
- » Hourly-paid student worker positions
- » Internships available at 40+ Omaha-based companies
- » Graduate Research and Creative Activity Summer Scholarship
- » Special payment plans are available for students participating in Employer Reimbursement programs
- » Metropolitan Advantage Program: Eligible Iowa counties\* will pay a special reduced tuition rate of 150% of in-state resident tuition.
- » Midwest Student Exchange Program: Eligible states\*\* will pay a special reduced tuition rate of 150% of in-state resident tuition.

\* Cass, Crawford, Fremont, Harrison, Mills, Monona, Montgomery, Page, Pottawattamie, Shelby and Woodbury

\*\* Illinois, Indiana, Kansas, Michigan, Minnesota, Missouri, North Dakota, Ohio, and Wisconsin

## APPLICATION DEADLINES



## CONCENTRATIONS

- » Artificial Intelligence
- » Database and Knowledge Engineering
- » Dependable Computing Systems
- » Network Technologies
- » Software Engineering
- » Systems

## PROGRAM HIGHLIGHTS

### Thesis and Project

This option allows you to gain experience in research and receive one-on-one training with one of our faculty.

### Graduate Certificates

- » Artificial Intelligence
- » Communication Networks
- » Software Engineering
- » Systems and Architecture

The credits that you earn during the certificate program can be counted towards your master's degree.