"No day is the same and I am learning something new every single day. And the best part --I get to apply this knowledge, create something unique and contribute to science."

Adithi Chakravarthy
Ph.D. in IT student

UNIVERSITY OF NEBRASKA AT OMAHA
COLLEGE OF INFORMATION SCIENCE & TECHNOLOGY

Ph.D. in IT

MULTIDISCIPLINARY EMPHASIS, COMPETITIVE, RESEARCH INTENSIVE

ADMISSIONS REQUIREMENTS

For more information on applying, please visit our website at cist.unomaha.edu/phd

1. For most international applications, a TOEFL score of at least 577 paper-based, 233 computer-based, 90 iBT, 7 IELTS, or 61 PTE.
2. GRE: 310 with the conditional standard error of measurement for the GRE general test measures, or GMAT: must score above the 80th percentile.
3. Proficiency in English, both written and verbal.
4. Demonstrated superior performance in mathematics, computer science, information systems, or a closely related field.
5. Letters of recommendation.
6. High quality publications.
7. Documented interest and commitment to scholarly activities and research.

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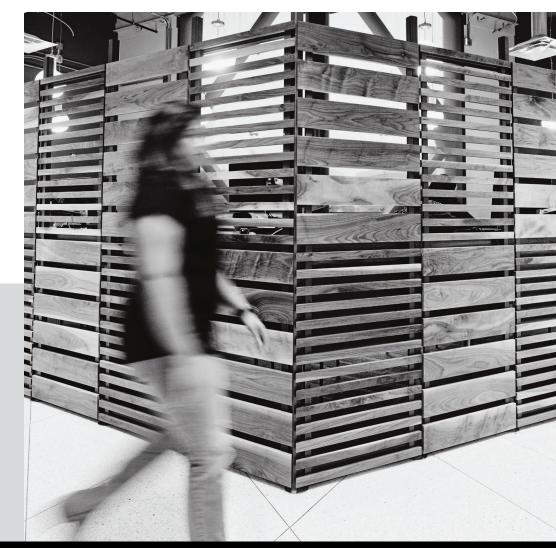1110 South 67th Street | Omaha, NE 68182-0116

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IS&T IS IT

Our Ph.D. program in Information Technology at the University of Nebraska Omaha is a research-intensive program focused around the core areas of computer science, information systems, quantitative analysis, cybersecurity, and IT innovation. The program admits exceptional students that have demonstrated a strong foundation in these core areas with high potential and commitment towards future academic achievement and success.

LOCATED IN THE HEART OF OMAHA
A thriving city, UNO is proud to call Omaha home.

- #1 The Top 10 Best American Cities to work in Tech in 2015 by SmartAsset
- #5 Best Metro Area for STEM Professionals by Wallet Hub
- #1 Best City in the Midwest by Time.com/money

PUBLICATIONS

Our Ph.D. students are often published in prestigious publications and present at international conferences receiving best paper awards. With over 150 publications in journals, conferences and workshops per annum, selected highlights include:

Peer reviewed Journals:
Communications of the Association for Information Systems (CAIS)
IEEE Computer
IEEE Transactions on Systems, Man, Cybernetics: Systems
IEEE International Conference on Robotics and Automation
Journal of Universal Computer Science
Journal of Defense
Software Engineering
Journal of Experimental and Theoretical Artificial Intelligence
Journal of Robotics
Web Intelligence Journal

Peer reviewed Conferences and Workshops:
Robotics and Autonomous Systems (RAS),
Association for Information Systems (AIS) SIG on ICT & Global Development Workshops (SIG GlobDev)
AIS SIGOPEN Developmental Workshops
Americas Conference on Information Systems (AMCIS)
European Conference on Information Systems (ECIS)
International Conference on Information Systems (ICIS)
IEEE International Requirements Engineering Conference.
International Design Engineering Technical Conferences
International Symposium on the Foundations of Software Engineering

PLACEMENTS

Our alumni find fulfilling faculty positions at universities in the United States and abroad. Placements include but not limited to:

- Appalachian State University (NC)
- University of North Florida (FL)
- Penn State Hazelton (PA)
- The College of New Jersey (NJ)
- St. Ambrose University (IA)
- State University of New York, (NY)
- East Central University (OK)
- Bowling Green State University

RESEARCH TOPICS

Faculty members are very productive in their research and compete for funding from competitive sources such as Federal agencies, foundations, non-profits, and industry. Research areas include:

- artificial intelligence
- data and text mining
- software engineering
- biomedical informatics
- cybersecurity
- data analytics
- database management
- IT infrastructure
- robotics
- health informatics
- and many more

If you're willing to do the work, IS&T is dedicated to helping you earn this prestigious degree.

AWARDS

Grants and awards often enable students to travel to collect data and conferences to present their papers and receive awards. Some include:

- Association for Information Systems Doctoral Student Service Award
- Grace Hopper Celebration of Women in Computing
- NASA Nebraska Space Grant Fellowship
- University of Nebraska Foundation
- University of Nebraska at Omaha Graduate Research and Creative Activity (GRACA)