

UNIVERSITY OF NEBRASKA AT OMAHA
COLLEGE OF INFORMATION SCIENCE & TECHNOLOGY



POINTS OF PRINTS OF





We're bigger, and more diverse, than ever before.

68% enrollment increase*

93% increase of female students⁺

28 average ACT of incoming 2017 freshman class

\$60K median salary earned upon graduation 40+
companies offer
IT internships for
IS&T students

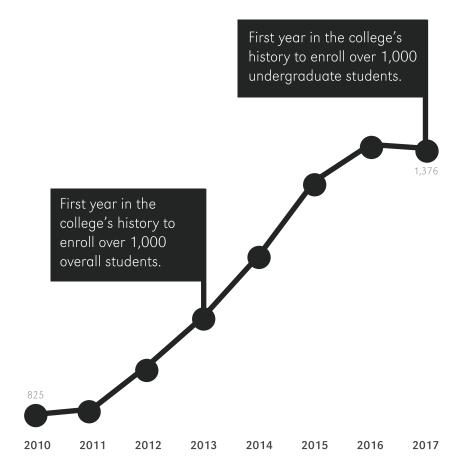
#2
"Best Cybersecurity
Programs"
Military Times



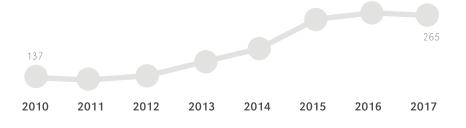


IS&T now boasts 13 undergraduate and graduate degrees in core IT areas and interdisciplinary areas.

TOTAL STUDENTS



FEMALE STUDENTS



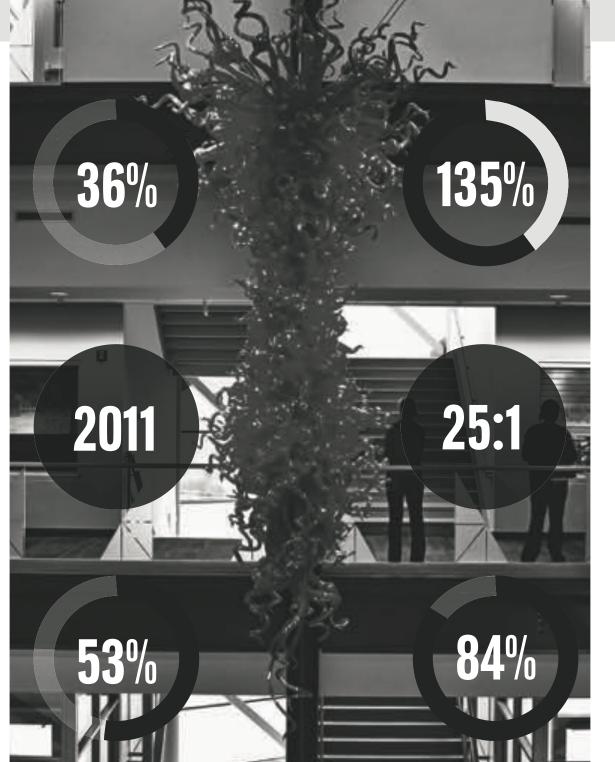
* 2013 - 2017 + 2017

FAST FACTS

IS&T has issued 36% more bachelor degrees over the past five years.

In 2011 ISQA was awarded the University Departmental Teaching Award.

IS&T has had a 53% increase in student credit hours in the past five years.



IS&T has issued 135% more graduate degrees over the past five years.

IS&T student to faculty ratio is 25:1.

IS&T has a retention rate of 84% for freshman to sophomore students. **ACADEMICS**

FIVE UNDERGRADUATE DEGREES



Management Information Systems



Computer Science



Bioinformatics



Cybersecurity



IT Innovation

Cybersecurity is **1 of only 16 programs** designated by the NSA Center of Excellence for Cyber Operations.

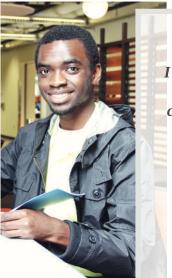


UNO took the time to address my unique situation and the teachers [were] excellent, taking the time to explain things and to meet outside of class. They really care.

Rachel Ostrander
IT Innovation alumni



"



I want to create something that gives people jobs, and I think that the computer science field gives you the opportunity to create in ways that people haven't been able to create in a long time.

Jonathan Allou Computer Science major



ACADEMICS

SEVEN GRADUATE DEGREES



Management Information Systems



Computer Science



Biomedical Informatics



Cybersecurity



IT Innovation

TWO PHD DEGREES



Biomedical Informatics



Information Technology

ESTABLISHED IN 2016

Executive Master of Science in IT (EMIT)

EMIT is the only program of its kind in the country. It is the perfect combination of community engagement and academics for developing IT and corporate leaders of the future.



Master of Computer Science Education

The only program in Midwest that offers in-service teachers an opportunity to obtain a graduate degree to teach computer science. Research Experience for Teachers to a supplemental endorsement for current education undergrads, are available.



66

I am aytromaly ny

I am extremely proud of the fact that I chose to pursue MS in MIS degree at [IS&T,] with other priorities like family and a full-time job. The course has helped me get ahead in my career and gave me the confidence to go for my dream job.

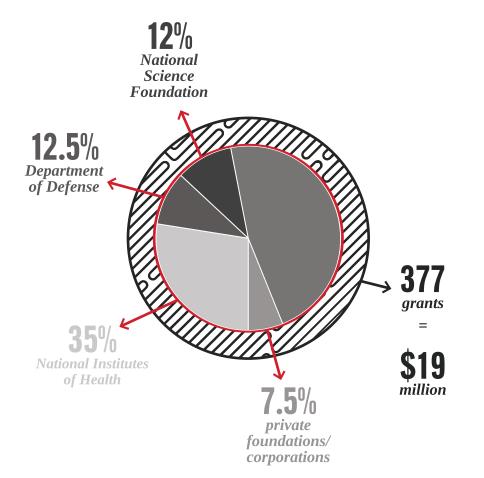
Deep Khandelwal, MS in MIS alumni Manager Device Engineering at Pandora Music





IS&T has received 385 grants and contracts totaling over \$19 million; 67% are awards from federal agencies.

75% of tenure-track or tenured faculty are leading and/or participating in funded research.



TOTAL RESEARCH FUNDING DOLLARS

(In millions)



Homeland Security

Analytics

Informatics

Next Generation Artificial Intelligence



WOMEN IN IT INITIATIVES

Code Crush

Designed for 8th and 9th grade girls and their teacher mentors. CodeCrush is supported from private donations and grants. The program has directly impacted 200 girls, 45% of whom are from rural communities.

200 8th and 9th grade girls 45% from rural communities

National Center for Women & Information Technology

Pacesetters is a group of 45 committed organizations dedicated to the meaningful participation of technical women.

NCWIT Aspirations Award is a rotating celebration hosted by UNO in collaboration with UNL and UNK, awarding high school girls in the Nebraska and SW Iowa Region.



K-12 ACTIVITIES AND COMPETITIONS

Computer Science Education Week is full of activities geared toward technology, including the High School Quiz Bowl and High School Programming Competition where over 100 students competed this past year.

IT Innovation Cup is a seven-month long competition for high schoolers. Over 200 students have teamed up to compete and develop the most innovative solution to a pressing problem.

NULLify Hackathon is a student-group led day-long event for high school teams to compete in the exciting world of cybersecurity, last December a record 152 competed.



iSTEM After School inspires young students to explore IT through hands-on classes organized with their After-School program. The program targets diverse schools, and 70% of our participants qualify for free or reduce price lunch.

Techademy is a summer camp program where over 700 middle and high school students have enrolled in over 100 technology based classes.

High School IT Internship Program is a summer internship where students work 20 hours a week and learn directly in our groundbreaking research labs. Over 100 students have applied for the 12-15 open positions.



ENGAGEMENT



Since 2005, IS&T has hosted over 250 international students from our partners for **Road 2 Omaha**, a 7-10 day immersion experience held each summer that includes academic workshops, cultural activities, and corporate visits.

IS&T has been part of 6 international conferences:

Brain Informatics and Web Intelligence • Big XII+ MIS Research Symposium • ITQM 2017 • Bridging Big Data Workshops of Ager, Norway • Americas Conference on Information Systems 2005





College of IS&T • 1110 S. 67th Street • Omaha, NE 68106 402.554.2380 • ist.unomaha.edu

TThe University of Nebraska does not discriminate based on race, color, ethnicity, national origin, sex, pregnancy, sexual orientation, gender identity, religion, disability, age, genetic information, veteran status, marital status, and/or political affiliation in its programs, activities, or employment.