

# COLLEGE OF NATURAL AND SOCIAL SCIENCES COMPUTER SCIENCE & INFORMATION TECHNOLOGY



## INFORMATION TECHNOLOGY Emphasis: General Information Technology

Students majoring in the general information technology emphasis of the information technology program at the University of Nebraska at Kearney will have a broad study of several information technology sectors including programming, databases, web systems, human computer interaction, information management, system administration, computer security and networking.

Undergraduates will receive a solid foundation to solve technology problems and learn skills to develop a technology plan that will meet clients' requests. Graduates will be able to apply the necessary tools on existing operating systems, software and applications that will solve businesses' needs.

**Studying Information Technology is great training for a variety of careers. After graduating, you will qualify for positions in:**

- System administration
- Database/web development
- User support

At a variety of locations such as:

- Health care organization; corporations
- Technical consulting offices
- Educational units; software publishers

**Did you know  
UNK offers the only  
Information  
Technology  
Bachelor of Science  
program in  
Nebraska?**

**100% JOB  
PLACEMENT  
FOR DEDICATED  
STUDENTS – WITH  
OFTEN MORE THAN  
ONE OFFER**

## Alumni profile

Casey Glatter had several great options after high school to study computer science, but he chose UNK because of the smaller campus size, personal interactions with dedicated professors, and the growing CS program.

"I really enjoyed having smaller class sizes, as I was not just a number in an ocean of students. I felt the professors really cared about my education and took time to meet one-on-one for any help I needed."

Glatter says UNK provided a great educational environment, where professors didn't just tell students what to do, but rather worked with them. "The best education I received at UNK was learning 'how to learn.' I wasn't handed answers to my many questions. Instead, my professors encouraged me to dig deeper and look closer at the problem at hand to find the solution. This was by far the greatest asset going into my career as a CS security professional."

Glatter graduated in May 2010 with a computer science major and telecommunications minor. He says his experience at UNK provided him with a solid foundation of knowledge and the skills to learn on his own and truly succeed in the "real world" when he was hired by Sandia National Laboratories working in cybersecurity.



**CASEY GLATTER**

**My favorite thing about the CSIT department is the individual attention that I am able to receive from my instructors as class sizes are relatively small compared to other classes that I've taken on campus. I feel like my instructors know me on a personal level and are eager to see me advance my skill sets.**

*Brian Norman – Web Development emphasis in Information Technology major.*

**INFORMATION TECHNOLOGY: Bachelor of Science**  
**Emphasis: General Information Technology**

**FOUR YEAR CLASS SCHEDULE**

The schedule is a guideline for progress toward a degree. Consult with your academic advisor.

<p><b>Semester 1 (13 credits)</b></p> <p>CSIS 130GS Intro to Computer Science                  Math 102 or 103 College Alg or Trig                  English 101 Expository Writing                  Portal 188 of your choice</p>	<p><b>Semester 2 (15 or 17 credits)</b></p> <p>CSIS 150 00 Programming                  English 102 Expository Writing                  Natural Science elective                  Math 115 or 123 Calculus I or Applied Calculus                  Minor course requirement</p>
<p><b>Semester 3 (16 credits)</b></p> <p>CSIS 223 Comp. Org                  Speech 100 Fundamentals of Speech                  Natural Science Lab course                  Social Science elective                  Minor course requirement</p>	<p><b>Semester 4 (18 credits)</b></p> <p>CSIS 350 Concepts                  MGT 233 or STAT 241                  Humanities elective                  Social Science elective                  Democracy elective                  Minor course elective</p>
<p><b>Semester 5 (15 credits)</b></p> <p>CSIS 380 Sys Anal &amp; Design                  CSIS 425 Database Systems                  Aesthetics elective                  Information technology elective                  Minor course elective</p>	<p><b>Semester 6 (18 credits)</b></p> <p>Information technology elective                  Information technology elective                  Humanities elective                  Minor course elective                  Minor course elective</p>
<p><b>Semester 7 (15 credits)</b></p> <p>Information technology elective                  CSIS 497 CIS Seminar                  Capstone 388 of choice                  General Studies elective                  Minor course elective</p>	<p><b>Semester 8 (15 credits)</b></p> <p>Information technology elective                  Information technology elective                  General Studies elective                  General Studies elective                  Minor course elective</p>

**Association for Computing Machinery**

(An organization for CSIT majors)

**Activities at the local level**

- Guest speakers invited to campus
- Sponsor of Disinfection Day
- Tours of business IT departments and data centers

**...and at the national level**

- Yearly conference hosted
- Journal, magazine and newsletter publications provided to enrich a student's education

**Personal traits for CSIT success:**

- Solves problems
- Thinks at multiple levels
- Adapts to new technology
- Works professionally
- Collaborates
- Perseveres
- Communicates clearly (oral/written)

**Scholarships available:**

**Freshman scholarship**

- The Buckle scholarship

**Continuing Student scholarships**

- Northwestern scholarship
- Buckle Continuing scholarship
- Association for Computing Machinery

**Reasons to choose CSIT at UNK:**

- 100% job placement for dedicated students
- Extensive partnerships with businesses
- Low instructor/student ratio
- Hands-on practical experience
- Mobile application, gaming, and robotics development
- One-on-one attention from award winning professors
- Professional certification and online education opportunities
- High rate of acceptance into grad schools

**For more information, contact:**

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**I like the low faculty-to-student ratio and individual attention in the CSIT department, which have certainly made me grow by making me feel like a member of the team rather than another student in the crowd.**

*Daniel Russell, a CSIT student from Freeport, Bahamas, expected to graduate May 2015.*