

COLLEGE OF NATURAL AND SOCIAL SCIENCES

COMPUTER SCIENCE & INFORMATION TECHNOLOGY



INFORMATION TECHNOLOGY

Emphasis: Web Development

Students majoring in the Web development emphasis of the information technology program at the University of Nebraska at Kearney learn how to design, create and manage Web software systems. Undergraduates will gain a solid knowledge of technical fundamentals, emerging technologies, as well as advanced principles of Web page layout, website architecture, database integration and Web standards.

Studying information technology is great training for a variety of careers. After graduating, you will qualify for positions as a:

- Web administrator, designer, or developer at a variety of locations: corporate communication departments, online service providers, or in marketing/advertising firms.

Responsibilities will include:

- Gathering relevant content and information from key company personnel
- Developing the Web design concept and page organization
- Presenting the site for approval or refinement from company personnel
- Designing, building and testing Web pages and links
- Updating contents and maintaining the site

Department profile

A new agreement between the University of Nebraska at Kearney and Kansas State University will put some students on a fast-track to graduate school.

The Department of Computer Science and Information Technology at UNK and



DR. SHERRI HARMS

KSU Department of Computing and Information Science have signed a Memorandum of Understanding that will speed up the admissions process for UNK students entering the KSU master of science in computer science or the master

of software engineering in computer science programs.

"The MOU offers a high-quality graduate program for UNK students," said Dr. Sherri Harms, UNK CSIT chair. "It provides KSU with regional students prepared for graduate-level research, and it provides the Midwest with computer science professionals who will likely stay in the Midwest."

Dr. Harms noted that there is a high demand for computer science professionals in the United States.

"For the past several years, we have had 100 percent placement for our students," she said. This trend can be seen in the growth of the CSIT program at UNK. According to Dr. Harms, the number of students in CSIT classes has more than doubled since 2007.

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

[What do Web page visitors like?
A few seconds for the page to load and lively images.]

INFORMATION TECHNOLOGY: Bachelor of Science
Emphasis: Web Development

FOUR YEAR CLASS SCHEDULE

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

<p>Semester 1 (13 credits)</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>Semester 2 (15 or 17 credits)</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>Semester 3 (16 credits)</p> <p>CSIS 223 Comp. Org Speech 100 Fundamentals of Speech Science Lab course Social Science elective Minor course requirement</p>	<p>Semester 4 (18 credits)</p> <p>CSIS 350 Concepts MGT 233 or STAT 241 Humanities elective Social Science elective Democracy elective Minor course elective</p>
<p>Semester 5 (15 credits)</p> <p>CSIS 440 Client-side Dev CSIS 425 Database Systems CSIS 380 Sys Anal & Design Aesthetics elective Minor course elective</p>	<p>Semester 6 (15 credits)</p> <p>CSIS 406 Internet IS Dev CSIS 450 Ecommerce IS JMC 300 or 304 Humanities elective Minor course elective</p>
<p>Semester 7 (15 credits)</p> <p>Information technology elective CSIS 497 CIS Seminar Capstone 388 of choice Minor course elective Minor course elective</p>	<p>Semester 8 (13 credits)</p> <p>Information technology elective General Studies elective General Studies elective Minor course elective</p>



Kelsey Bard
 2012 UNK graduate
 major computer science
 minor MIS
 (management information systems)

“Coming from Wakefield, a small Nebraska town, Kearney was just the size of city I was looking for without being too intimidating. The professors care about each of their students professionally and personally and encouraged me to look for an internship early in my college years.

I found a position as a junior web developer at the Buckle and after graduating was offered a full-time position which made for a smooth transition into my professional career. I currently work on a team that is responsible for the maintenance, upkeep and improvements of the Buckle’s global eCommerce website. I would not be in the position I am now without the education I received from UNK’s Computer Science program.”

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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