

B.S. COMPUTER & NETWORK SECURITY

Graduates with a B.S. in Computer and Network Security have a strong background in computing, networking, and business administration.

Coursework in the degree program helps students develop a strong understanding of computer security, database design, computer programming (including HTML and JAVA), as well as other current client-side and server-side technologies, value-added networks, intranets, communications protocols, and privacy.

The degree program prepares graduates for corporate careers in network administration and network security – two of the fastest-growing business areas in the twenty-first century, with jobs available throughout the United States and in Sioux Falls. Graduates also have the academic background needed for admissions to the master's degree program in information assurance, offered online by Dakota State University.

WHO TO CONTACT

Contact an on-site advisor in person, by email or by phone at 605-367-5640 or 1-866-220-7085. Or, go to www.SDUniversityCenter.org and click on "Request Information" or try the live chat.



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SOUTH DAKOTA PUBLIC UNIVERSITIES & RESEARCH CENTER

University Center makes getting an affordable, high-quality education easy. Choose from over 50 degrees offered right here in Sioux Falls. With convenient day, evening and weekend class times, you can pick a schedule that fits around your life. We also have on-site advisors and financial aid available to those who qualify.

HOW TO APPLY

- In person- pick up an application at the front desk or from an on-site advisor at University Center.
- Online - click on prospective student under admissions at www.SDUniversityCenter.org. Fill out the application on line, mail or bring it to University Center. Readmit students will need to bring it in person to an advisor at UC.

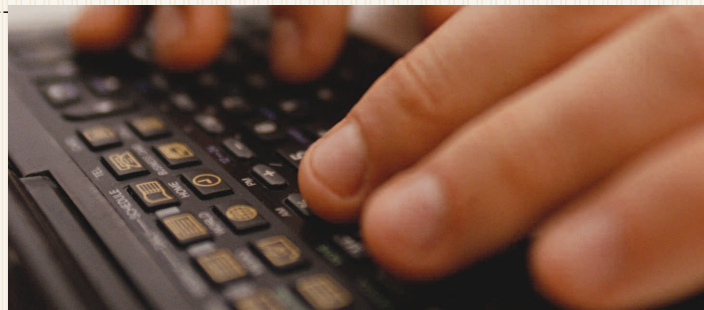
Graduates of this 4-year degree program in computer and network security have the job skills needed to work in network administration and network security. While graduates often work in large, data-intensive corporations, positions are also available in small- to medium-sized companies. Graduates are qualified for these types of positions: computer security analyst, web security manager, webmaster, database manager, and networking analyst.

Because of their unique mix of skills, graduates often accept mid-management positions rather than entry-level positions in data-intensive corporations. Graduates also have the academic background needed for admission to the master's degree in information assurance, offered on-line by Dakota State University.

WHAT OUR STUDENTS & GRADUATES SAY

"DSU offers great technology, with teachers that have real-world experience. The classes are small enough to learn, but large enough to offer any and all opportunities to students. The courses taught focus on theories and ideas rather than specific applications. The job possibilities are endless."

"I like the content of the technical classes such as network security and software security. In today's world, information and data security is a management problem, and the really fun stuff happens in the technical classes!"



System-wide General Education Requirements	30
ENGL 101	Composition I 3
ENGL 201	Composition II 3
MATH 102	College Algebra 3
ECON 201	Principles of Microeconomics 3
	Oral Communication (one course from Gen Ed list) 3
	Social Studies (one course from Gen Ed list) 3
	Arts and Humanities (two courses from Gen Ed list) 6
	Natural Sciences (two courses from Gen Ed list) 6
DSU Institutional Graduation Requirements	11
CSC 105	Introduction to Computers 3
CSC 150	Computer Science I 3
	Written Communication (one course from list) 3
WEL 100	Wellness for Life 1
WEL 100L	Wellness for Life Lab 1
Required Courses	54
CIS 245	Introduction to Computer Security 3
CIS 275	Web Application Programming I 3
CIS 328	Operating environments 3
CIS 332	Structured Systems Analysis & Design 3
CIS 350	Computer Hdw, Data Comm, Networking 3
CIS 375	Web Application Programming II 3
CIS 383	Networking I 3
CIS 385	Networking II 3
CIS 388	Computer Forensics Fundamentals 3
CIS 414	Computer Security Fundamentals 3
CIS 416	Network Security 3
CIS 418	Adv Computer Forensics 3
CIS 422	Software Security 3
CIS 424	Internet & E-Commerce 3
CIS 484	Database Management Systems 3
CIS 494	Internship 3
Or CIS 498	Undergraduate Research/Scholarship 3
CSC 250	Computer Science II 3
CSC 409/509	System and Security Programming 3
Required Support Courses	18
BADM 336	Entrepreneurship I 3
BADM 406	Accounting for Entrepreneurs 3
BADM	elective 3
ENGL 208	Documentation & Presentation 3
MATH 201	Intro to Applied Math 3
MATH 281	Introduction to Statistics 3
Or BADM 220	Business Statistics 15
Electives	15
Total required credits	128