Cyber Security (B.S.)

Start your new career path in the exciting world of cybersecurity, helping to tackle vulnerabilities and strengthen security.

Today's computer systems provide critical functionality and services to energy networks, transportation, health care, and manufacturing infrastructure of our modern society. Security, reliability and resiliency vulnerabilities make these systems prone to cyber-attacks and costly denial of service threats to critical infrastructure. The cyber security program offers an opportunity to be a part of the solution to this growing threat.

Program Snapshot

Program type: Major
Format: On-campus or online
Est. time to complete: 4-5 years
Credit hours: 120

Why Study Cyber Security at UND?

Cybersecurity is an immense priority in today's technology-dependent world. Threats from home and abroad make it essential to have skilled individuals that can protect mission-critical infrastructure, defense technologies and other vital systems from attacks.

With the cyber security undergraduate program, you'll benefit from a degree that:

• Gives you the expertise to be a part of a highly educated technical workforce with cyber-physical security skills to address the complexity of critical infrastructure security concerns
• Offers you opportunities to participate in cybersecurity research
• Provides the knowledge and technical skills for working in the cybersecurity sector, along with a strong liberal arts foundation for a well-rounded education

Priority Application Deadlines

FALL: FEB. 1* (FRESHMEN) | APRIL 15* (TRANSFER STUDENTS)
SPRING: DEC. 1
SUMMER: APRIL 1
*academic scholarship priority deadline

Cyber Security Program

• The cyber security program creates new opportunities for interdisciplinary education and research in areas of strategic importance to our state, region and nation.
• Get a broad, high quality undergraduate-level education, along with the specialized cybersecurity expertise and skills needed to excel in this high-demand field.
• Gain access to significant UND computer resources and technologies, including the Secure Cyber Physical Energy Systems & Data Sciences Laboratory.
• Customize your curriculum to focus on specific areas of cybersecurity that interest you the most.
Careers in Cyber Security

** According to the Bureau of Labor Statistics (BLS), the median salary for an information security analyst is $92,600.

** BLS estimates job growth will grow by 28 percent through 2026, much faster than the average of all jobs.

*U.S. Bureau of Labor Statistics*

According to Forbes magazine, the burgeoning cyber security market and employment is expected to grow from $75 billion in 2015 to $170 billion by 2020. The protection of data assets, and for the security of our infrastructure and country are vital, and cybersecurity skills are highly valued. The cyber security undergraduate program at UND will help you attain the skills sets needed to thrive in this strategically important function.

UND graduates can expect a range of opportunities in careers with many kinds of institutions, and in many different industries. It is anticipated that students completing this program will be in demand by:

- Local, regional, national, and international cybersecurity-focused businesses
- Companies expanding into the Red River Valley, such as Northrup-Grumman and General Atomics
- Local start-up and emerging companies
- Government agencies