Cyber Security (M.S.)

Elevate your career prospects with an online graduate degree in the fast-growing, high-demand field of cyber security.

Energy networks, defense, transportation, health care and manufacturing are all run on vital systems that makeup our infrastructure. But there are vulnerabilities with these systems — some known and others yet unknown — that are ripe for harmful cyberattacks. UND’s online master’s degree in cyber security offers a graduate-level education to give you the skill to lead the way in thwarting cyber attacks.

Program Snapshot

Program type: Master’s Degree
Format: Online
Est. time to complete: 2 years
Credit hours: 30 (non-thesis and thesis options)

Why Study Cyber Security at UND?

Today’s world is highly dependent on technologically driven systems. Threats can come from anywhere in the world, so it’s vital that to have a workforce that has advanced skills to lead the next generation of protectors. Skilled cyberattack guardians are needed for the ongoing fight to keep systems and communities safe from infrastructure cyber attacks, and individuals protected from theft of financial and personal information.

With the cyber security UND graduate program, you’ll benefit from a program that offers you a chance to gain advanced expertise to be able to address the complexity of critical infrastructure and information security concerns. In addition, you’ll have plenty of opportunities to participate in cyber security research.

Application Deadlines

FALL: AUG 1
SPRING: DEC 1
SUMMER: MAY 1

Online Cyber Security Master’s Degree

- This online graduate program offers a chance to elevate your existing cybersecurity knowledge foundation to a new level.
- Gain expertise in a variety of cybersecurity fronts, including network architectures, data operations and security, wireless sensor networks, penetration testing, and many other mission-critical areas.
- Gain access to significant UND computer resources and technologies, including the Secure Cyber Physical Energy Systems & Data Sciences Laboratory.
- Stay abreast of emerging and evolving technologies that may be vulnerable to cyber attacks, such as the plethora of Internet of Things devices.

Cyber Security Careers

92K  Median salary for an information security analyst*
28%  Estimated job growth through 2026, much faster than the average of all jobs*
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 online cyber security graduate program will help you elevate your cyber security skills for greater job opportunities in this fast-paced field.

Cyber security 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 master’s degree 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