

Cybersecurity

Department Information

- **Department Web Site:**
<https://www.ndsu.edu/cs/>
- **Credential Offered:**
B.S.; UG Certificate
- **Official Program Curriculum:**
catalog.ndsu.edu/undergraduate/program-curriculum/cybersecurity/ (<http://catalog.ndsu.edu/undergraduate/program-curriculum/cybersecurity/>)

Cybersecurity is designed to provide students with the knowledge and skills to allow students to succeed in the rapidly growing field of cybersecurity. It will prepare students to identify security issues with computing systems and networks, prior to attacks, and to detect and respond to ongoing attacks. This program will provide students with the skills that they will need to understand and respond to the computing, cybersecurity and relevant scientific challenges of today and tomorrow. Students will be prepared for entry level positions in a number of careers, such as cybersecurity analyst, defensive cybersecurity, penetration testing and computer and network forensics.

The cybersecurity certificate draws from the set of courses that are specific to the B.S. in Cybersecurity and the Cybersecurity track of B.S. in Computer Science degrees. The certificate can be of interest to professionals with computer science degrees who wish to expand their expertise in the area of cybersecurity. It is also targeted at current students who complete a different track of the B.S. in Computer Science and wish to cover more than one specialization.