Nebraska Wesleyan University

Cybersecurity (B.A., B.S.)

Catalog

2026-2027

Program Description

The Cybersecurity major provides students with a comprehensive foundation in the principles, technologies, and strategies used to secure digital systems and protect sensitive information. The program emphasizes both the theoretical and practical aspects of cybersecurity, equipping students with the skills to identify, assess, and mitigate cybersecurity threats.

Departments

1. Business, Accounting and Economics (Undergraduate)

Cybersecurity Major (B.A. or B.S., 39 hours)

Required Courses	36 hours
BUSAD 2300 Business Communication	3 hours
BUSAD 2500 Principles of Management	3 hours
BUSAD 3100 Managing Information Systems	3 hours
BUSAD 3300 Quantitative Methods	3 hours
CYBER 1700 Introduction To Cybersecurity*	3 hours
CYBER 2200 Career Nav & Exploratn In Cybersecurity*	3 hours
CYBER 2400 Network & System Security*	3 hours
CYBER 2700 Cybercrime And Governance*	3 hours
CYBER 3200 Security Operations*	3 hours
CYBER 3400 Ethical Hacking*	3 hours
CYBER 3600 The Future Of Cybersecurity*	3 hours
BUSAD 4970 Business Internship	3 hours
Capstone	**3 hours**
CYBER 4800 Cybersecurity Capstone*	3 hours
Recommended Courses	

- CMPSC 2200 Python Programming I
- CMPSC 3200 Python Programming II
- CYBER 2250 Google Cloud Computing Foundations
- CYBER 3150 Networking Technologies and Telecommunications

*This course is offered remotely via NWU's partnership with a Consortium. The partnership allows students to earn NWU credit for specific courses. Classes are designed by top academics and industry leaders, vetted by NWU, and taught by experts in the field.