Nebraska Wesleyan University

CYBER 4800 Cybersecurity Capstone

Catalog

2026-2027

Course Description

The Capstone course is the culmination of the Cybersecurity program, allowing students to apply their knowledge to real-world challenges. Students will undertake a comprehensive project integrating various aspects of cybersecurity, including log analysis, vulnerability assessment, incident response, ethical hacking, and cloud security. This project will develop critical thinking skills and prepare students for major cybersecurity certifications.

Prerequisites: CYBER 1700 Introduction To Cybersecurity, CYBER 2400 Network & System Security, CYBER 2700 Cybercrime And Governance, CYBER 3200 Security Operations, CYBER 3400 Ethical Hacking, and CYBER 3600 The Future Of Cybersecurity

This course is offered online through a consortium of accredited colleges and universities. Instruction is provided by faculty employed by partner institutions within the consortium, with technology and administrative support provided by Rize Education. Oversight of courses offered through the consortium are reviewed and approved by Nebraska Wesleyan University. Students register through Nebraska Wesleyan University and receive academic credit from Nebraska Wesleyan University.

Course Hours

3 hours

Departments

1. Business, Accounting and Economics (Undergraduate)