Nebraska Wesleyan University

CYBER 4800 Cybersecurity Capstone

Catalog

2025-2026

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*

Course Hours

3 hours

Departments

1. Business, Accounting and Economics (Undergraduate)