

GRADUATE INFORMATION SYSTEMS CYBERSECURITY CERTIFICATE

Degree Requirements

The School of Computing is responding to its industry need for a skilled workforce in Cybersecurity.

Training cybersecurity professionals to support and defend our nation's critical infrastructure continues to be crucial for the defense and health of our national economy. Continued security breaches against these systems requires advanced educational training to combat these threats.

The goal of the graduate information systems cybersecurity certificate is to ensure educational relevancy in the identification and defense of current cyber threats to critical infrastructure in both the public and private sector. The information systems certificate includes courses in information security, digital forensics, and network security as these have been deemed critical to the advancement of cybersecurity by the National Science Foundation.

This certificate can be completed by both graduate-level degree and non-degree seeking students that have completed an appropriate computing undergraduate degree. All of the courses currently exist within the School of Computing. The proposed information systems cybersecurity graduate certificate requires 15 graduate credits.

All courses must be completed (15 credits).

Code	Title	Hours
CIS 530	Information Assurance/IT Audit	3
CIS 535	Digital Forensic Analysis	3
CIS 538	OS Concepts and Security	3
CIS 540	Network Security Management	3
ISC 565	IS Project-Change Management	3
Total Hours		15