**Graduate Certificate in Cybersecurity**

*(Offered online and on campus)*

**Home Department:** Electrical and Computer Engineering

**Primary department admission contact:** Stacia Fortune (sfortune@iastate.edu)

**Primary faculty contact:** Doug Jacobson (dougj@iastate.edu)

This degree is offered both on and off campus, but is designed to be completed by those who have been working in the professional world. This degree is intended to be flexible enough to be completed without having to resign from your job.

**Application Guidelines for Domestic (U.S.) Citizens**

* Direct admission to the Certificate in Cybersecurity is limited to off-campus students only
* Bachelor's or master's degree in computer engineering or closely related field
* GPA of 3.0 or better at an undergraduate level
* Statement of Purpose

**Program of Study for Certificate (12 credits total):**

|  |  |  |
| --- | --- | --- |
| Course | Credits | Course Title |
| Core |  |  |
| CYBSC 5300 | 3 | Network Protocols and Security |
| CYBSC 5310 | 3 | Information System Security |
| CYBSC 5320 | 3 | Information Warfare |
| 1 out of 5: |  |  |
| CYBSC 5330 | 3 | Cryptography |
| CYBSC 5340 | 3 | Legal and Ethical Issues in Computer Security |
| CYBSC 5350 | 3 | Steganography and Digital Image Forensics |
| CYBSC 5360 | 3 | Computer and Network Forensics |
| CPR E 5370 | 3 | Wireless Network Security |
| CPR E 5620X | 3 | Secure Software Engineering |