**MEng in Cybersecurity**

*(Primarily online but can be completed 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**

This program aligns with the application requirements for the graduate program in the Department of Electrical and Computer Engineering. Please see the “Application Requirements” section here: [https://www.ece.iastate.edu/admissions/graduate-admissions/](mailto:https://www.ece.iastate.edu/admissions/graduate-admissions/)

**Typical Program of Study for Masters of Engineering (30 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 |
| CYBSC 5340 | 3 | Legal and Ethical Issues in Computer Security |
| Choose 2: |  |  |
| CYBSC 5330 | 3 | Cryptography |
| Cpr E 5350 | 3 | Steganography and Digital Image Forensics |
| Cpr E 5360 | 3 | Computer and Network Forensics |
| CprE 5370 | 3 | Wireless Network Security |
| CYBSC 5380\* | 3 | Reverse Engineering and Security Testing |
| Cpr E 5390\* | 3 | Cyber Physical System Security for the Smart Grid |
| Cpr E 5620X | 3 | Secure Software Engineering |
| Electives: |  |  |
| Department list | 12 | Any 4000 or 5000-level course in CprE |