

## MS in Information Assurance (off-campus)

**Home Department:** Computer Engineering (ECpE)

**Primary department admission contact:** Ginny Anderson [ginny@iastate.edu](mailto:ginny@iastate.edu)

**Primary faculty contact:** Doug Jacobson [dougi@iastate.edu](mailto:dougi@iastate.edu)

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

- Bachelor's or master's degree in computer engineering or closely related field
- GPA of 3.0 or better at an undergraduate level
- Graduate Records Examination (GRE) score of 700 or better on the Quantitative section; Waivers may be granted under extenuating circumstances
- Statement of Purpose and three letters of recommendation

### Typical Program of Study Masters of Science (30 credits total):

Course	Credits	Course Title
Core		
InfAs 530	3	Advanced Computer Networking
InfAs 531	3	Computer Security
InfAs 532	3	Information warfare
InfAs 534	3	Ethical and Legal Issues in Computer Security
2 out of 4:		
InfAs 533	3	Cryptography
CprE 535	3	Steganography
Cpr E 536	3	Forensics
CprE 537	3	Wireless Security
InfAs 632	3	Capstone course
Electives:		
Department list	6-9	Any 500 level course in CprE or CS (CS courses on not offered on-line)
One of two options:		
CprE 599	3	Creative Component (non-thesis MS)
Cpr E 699	6	Thesis based (thesis MS)

### Co-Major with Computer Engineering

Students in INFAS with Computer Engineering as the home department can co-major in computer engineering by meeting the following requirements. (In most cases all courses can be counted for both degrees.)

- Of the 24 course credit hours, six (6) credits must be from non-security courses.
- Each student is required to attend 2 Ph.D. or M.S. defenses during her/his tenure as requirements for graduation.
- Each student needs to fulfill the publication requirement of at least 1 journal or peer-reviewed conference paper submission.