MS INFORMATION SECURITY FOR COMPUTING PROFESSIONALS

ELEVATE YOUR ORGANIZATION'S RISK READINESS

Gain professional skills and competencies to build, evaluate and secure systems through course assignments and projects. Assignments will utilize cutting edge security techniques and software, real-world examples, and require students to respond to simulated security challenges to develop secure systems with appropriate defense mechanisms.

Compromises, breaches, and intrusions are a constant occurrence. Cyber and information security professionals are in demand, as organizations are increasingly allocating budgets and resources to battle cyber crime to ensure systems and data are secure and protected.

The curriculum includes training in cryptography, network security, software security, security analytics, and more infused with hands-on projects applying tools and approaches to prevent and confront security issues

WHAT YOU WILL LEARN

> Analyze information systems to identify threats, vulnerabilities and attack vectors.
> Develop and deploy solutions for defending information systems from attacks.
> Demonstrate advanced knowledge of data privacy concepts, challenges, and protection techniques and help guide decision making.

FOCUS AREAS COVERED

Foundations of Information Security
Cryptography
Network Security
Social, Economic, and Legal Aspects
Security Analytics
Data Security and Privacy

PROGRAM AT A GLANCE

10 COURSES | **30** CREDITS | **3** SEMESTERS

TUITION PER CREDIT HOUR
$850 IN-STATE   **$1,000** OUT OF STATE

PROSPECTIVE STUDENTS

This degree is intended for early and mid-career professionals who feel a need to enhance their skills, are seeking to expand their educational credentials, or looking to advance their careers more swiftly.

FACULTY SPOTLIGHT
EUGENE SPAFFORD, PhD

Professor of Computer Science
Executive Director Emeritus, Purdue CERIAS

"We need more professionals who understand the fundamentals of secure software, networks, and system design, but who also have the ability to think broadly about human elements to better anticipate the kinds of attacks we may not yet have seen," says Purdue Professor Eugene Spafford, the internationally acclaimed cybersecurity researcher. "If organizations make the investment in better design and better deployment, they won't need to invest as much in incident response and security operation centers."

FOR MORE INFORMATION, GO TO: https://purdue.link//online-iscp
OR CONTACT: onlineadmissions@purdue.edu | 765-496-0990

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