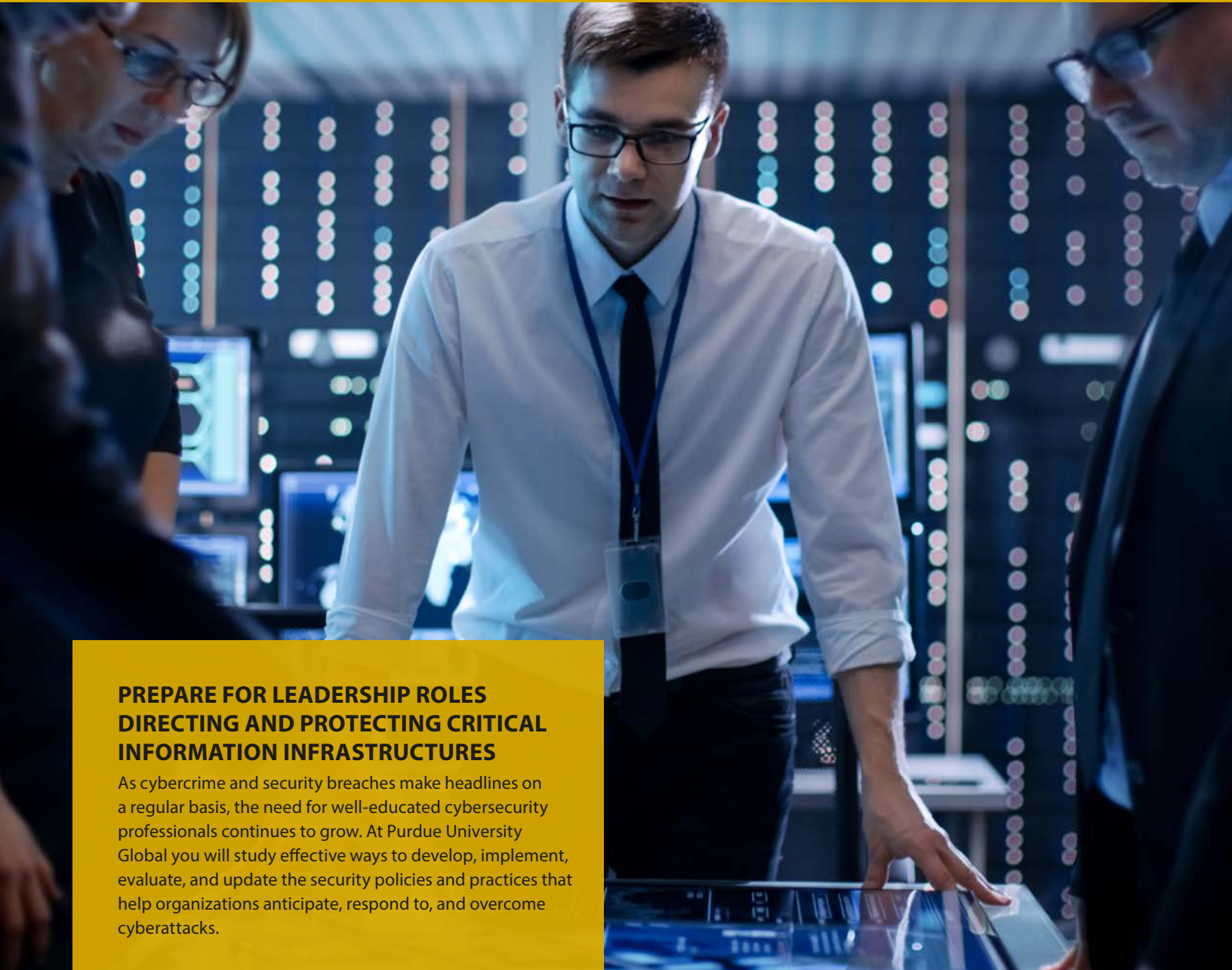


MASTER OF SCIENCE IN CYBERSECURITY MANAGEMENT



PREPARE FOR LEADERSHIP ROLES DIRECTING AND PROTECTING CRITICAL INFORMATION INFRASTRUCTURES

As cybercrime and security breaches make headlines on a regular basis, the need for well-educated cybersecurity professionals continues to grow. At Purdue University Global you will study effective ways to develop, implement, evaluate, and update the security policies and practices that help organizations anticipate, respond to, and overcome cyberattacks.

WHY STUDY TECHNOLOGY AT PURDUE GLOBAL?

ONLINE FLEXIBILITY FOR WORKING ADULTS

Earn your degree 100% online, while meeting the demands of your career. You can also visit one of our regional locations to take advantage of local, onsite support and services.

HANDS-ON VIRTUAL LABS

Gain tangible experience through learning labs that simulate real-world, on-the-job situations. This also helps you build a portfolio of diverse learning skills.

FACULTY EXPERTISE

Learn from practicing professionals with extensive experience in cybersecurity and education. All professors possess advanced degrees, and many hold industry certifications, have significant industry experience, contribute to academic journals, and present at conferences.

ONE-ON-ONE MENTORING

Work directly with faculty via online discussion boards, live seminars, and faculty office hours, and enjoy no-cost individual tutoring. In addition, academic and career advisors are dedicated to helping you successfully balance school with your work, family, and community responsibilities.

NATIONALLY RANKED AND RESPECTED

Purdue Global is part of the respected Purdue University system. One of the most prestigious research universities in the world, Purdue University is ranked in the top 10 best public universities in the U.S. by *The Wall Street Journal/Times Higher Education*.¹

PROGRAM OUTCOMES SUPPORT YOUR CAREER GROWTH

Build the Core Skills and Competencies That Employers Demand of Cybersecurity Leaders

Theory and Principles

Evaluate theories, framework, principles, and best practices related to cybersecurity science and technology by assessing and reviewing recent cybersecurity literature and industry publications.

Industry Research

Demonstrate the maturity to develop research topics based on underlying principles learned throughout the master's degree program.

Decision Analysis

Analyze data using statistical principles for the purpose of developing and/or supporting a hypothesis.

Critical and Analytical Thinking

Apply appropriate theories, including Request for Comments (RFCs), within cybersecurity science and technology to evaluate and mitigate risk in contexts of uncertainty.

Prepare to Manage Cybersecurity Teams

As a graduate, you can apply your knowledge to the management of information continuity, asset classification and control, compliance management, and the secure administration of IT infrastructure, as well as incident response.

CURRICULUM

Our rigorous curriculum prepares you for leadership and management roles across the field of cybersecurity.² All courses are continually reviewed by our dedicated faculty and curriculum department to ensure they reflect the most recent developments and breakthroughs.

COURSES

- **Writing and Critical Thinking for the IT Professional**
- **Foundations in Data Analytics**
- **Quantitative Risk Analysis**
- **Computer Networks**
- **Introduction to Cybersecurity**
- **Management of Information Security**
- **Computer and Network Security**
- **Ethical Hacking and Network Defense**
- **Platforms, Applications, and Data Security**
- **Wireless, Mobile, and Cloud Security**
- **Computer Forensics and Investigations**
- **Legal and Ethical Issues in IT**
- **IT Security Auditing and Assessments**
- **Financial Investment of Cybersecurity**
- **Master's Capstone in Cybersecurity Management**

PROGRAM DETAIL

Credit Hours: 60

Program Length: Less than 2 years of full-time study

Course Load: 1–2 courses per term

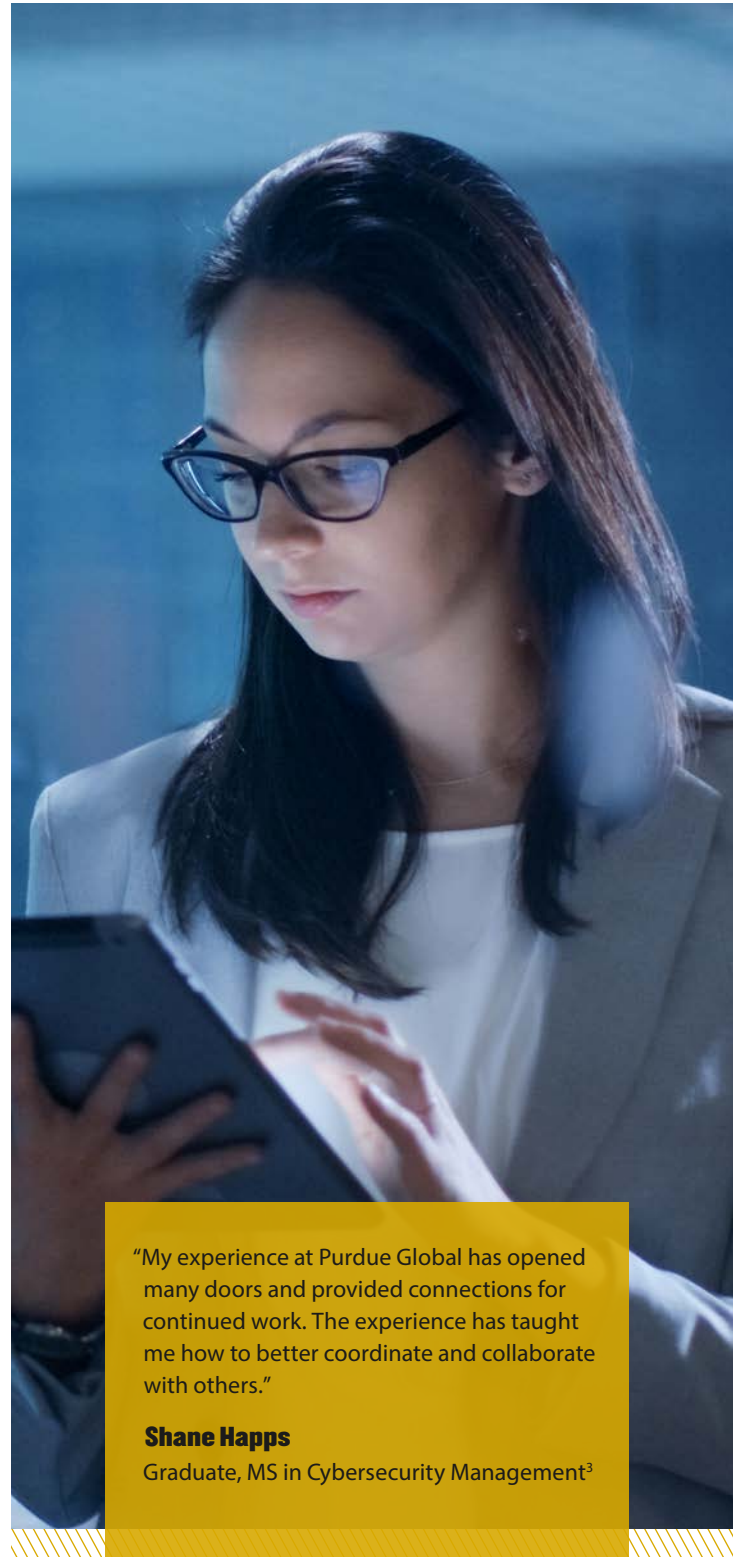
Terms: 6 weeks long

Start Dates: Throughout the year

Delivery: 100% online

ADDITIONAL PROGRAMS

- Master of Business Administration
- Master of Science in Information Technology
- Graduate Certificate in Information Technology



"My experience at Purdue Global has opened many doors and provided connections for continued work. The experience has taught me how to better coordinate and collaborate with others."

Shane Happs

Graduate, MS in Cybersecurity Management³

CAREER AND NETWORKING OPPORTUNITIES

INDUSTRY OUTLOOK

- Employment of information security analysts is projected to grow 28% from 2016 to 2026—much faster than average.⁴
- Employment of computer and information systems managers is also expected to grow as organizations seek qualified cybersecurity executives with an advanced degree and experience in the field to lead and protect their critical infrastructures.⁵
- A global shortage of 1.8 million cybersecurity professionals is expected by 2022.⁶

CAREER PATHWAYS AND OUTCOMES²

Roles

- Senior security policy analyst/specialist/manager
- Senior security administrator/engineer
- Security architect/programmer/researcher
- Senior forensics analyst/investigator
- Senior ethical hacker/penetration tester
- Senior IT auditor

Settings/Industries

- Financial services
- Government
- Military
- Manufacturing
- Health care
- Communications
- Transportation

CAREER SERVICES

Our Career Specialists connect cybersecurity students with job and networking opportunities and offer the following assistance:

- Career assessment/exploration
- Resume and cover letter review
- Interview preparation/mock interviews
- Portfolio development to showcase your skills
- Assistance in building an online presence
- Job search and networking support
- Virtual career fairs

STUDENT ORGANIZATIONS AND HONOR SOCIETIES

- Association for Computing Machinery (ACM) and ACM Women in Computing
- Graduation Information Technology Association (GITA)
- Iota Sigma Tau Honor Society Student Online Annual Research Symposium (SOARS)
- Cybersecurity Club
- Cloud Club



Purdue Global Is Accredited by The Higher Learning Commission

This accreditation covers all academic programs, all regional locations, and all programs provided via distance education. Contact the HLC at HLCcommission.org or call 800-621-7440.

Military Friendly

We offer reduced tuition rates for servicemembers, veterans, and spouses.

This accolade was awarded prior to the March 2018 purchase of Kaplan University by Purdue University and subsequent creation of Purdue University Global. Purdue Global cannot guarantee future accolades.



Contact an Admissions Advisor at **844-PURDUE-G** or visit **www.PurdueGlobal.edu**.

IMPORTANT INFORMATION: PLEASE READ

For comprehensive consumer and gainful employment information, visit Info.PurdueGlobal.edu.

1 Source: www.timeshighereducation.com/rankings/united-states/2018. Rankings apply to Purdue University – West Lafayette and not to Purdue Global.

2 Purdue Global cannot guarantee employment or career advancement. Additional certification or licensing may be required. In addition, job titles and responsibilities may vary by organization.

3 This testimonial was obtained by Kaplan University. Purdue University acquired Kaplan University in March 2018 and created Purdue University Global, which is following the same curriculum format and instructional delivery methods as developed and used by Kaplan University. The views and opinions expressed are those of the individual; student experiences may vary.

4 Source: U.S. Department of Labor, Bureau of Labor Statistics, *Occupational Outlook Handbook*, Information Security Analysts. National long-term projections may not reflect local and/or short-term economic or job conditions and do not guarantee actual job growth.

5 Source: U.S. Department of Labor, Bureau of Labor Statistics, *Occupational Outlook Handbook*, Computer and Information Systems Managers.

6 Source: Center for Cyber Safety and Education, *2017 Global Information Security Workforce Study: Benchmarking Workforce Capacity and Response to Cyber Risk*.