

BACHELOR OF SCIENCE IN CYBERSECURITY

BUILD THE EXPERTISE TO TAKE ON CRITICAL CYBERSECURITY CHALLENGES

As the demand for cybersecurity experts continues to rise, organizations and businesses are seeking professionals with the skills and knowledge to protect them from present and potential threats. Purdue University Global's bachelor's degree in cybersecurity helps you gain the skills to detect and prevent a wide range of cybersecurity issues and employ the technical tools and methods to find solutions. You'll also develop valuable teamwork and communication skills to prepare you to compete in the evolving world of IT.

WHY STUDY TECHNOLOGY AT PURDUE GLOBAL?

ONLINE FLEXIBILITY FOR WORKING ADULTS

Earn your degree 100% online, on your schedule. You can also visit one of our regional locations to take advantage of local, onsite support and services.

TRANSFER CREDITS

Our average bachelor's graduate with transfer credits saves 45% in University tuition.¹

HANDS-ON LEARNING

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. Plus, an optional internship allows you to gain practical job experience in the field.

FACULTY EXPERTISE

Learn from practicing professionals with extensive experience in cybersecurity and education. All professors possess advanced academic degrees.

ONE-ON-ONE MENTORING

Work directly with faculty via online discussion boards and during faculty office hours, and enjoy no-cost individual tutoring. In addition, academic and career advisors will partner with you to help you successfully balance school with your career and life responsibilities.

INTRODUCTORY TRIAL PERIOD

Make sure online learning at Purdue Global is right for you. Enroll in the University and try our classes for 3 weeks before you owe any tuition. That's the Purdue Global Commitment.²

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*.³

PROGRAM OUTCOMES SUPPORT YOUR CAREER GROWTH

Build the Core Skills and Competencies That Employers Demand	Prepare for Certification	Get a Head Start on Your Master's Degree
<ul style="list-style-type: none">• Technology analysis• Client specifications• System specifications• Security analysis• Design and development	Prepare to pursue many of the critical certifications recognized by the information assurance community and for Department of Defense (DoD) personnel. ⁴	Students completing the bachelor's program can qualify for shortened versions of our master's degrees in IT or cybersecurity management. This combined bachelor's-to-master's option saves you money and takes less time than completing each degree separately.

CURRICULUM

Our rigorous curriculum enables you to understand the foundational goals of cybersecurity, evaluate security trends, recognize best practices, and identify IT security products and threats. All courses are updated by our dedicated curriculum department and advisory board to ensure they reflect the most recent developments in the field.

CYBERSECURITY COURSE TOPICS INCLUDE:

- Certified ethical hacking
- Networking concepts
- Linux system administration
- Certified Information Systems Security Professional Domains
- Networking with TCP/IP
- Network security concepts
- Introduction to management
- Computer forensics
- Technology infrastructure
- Linux security
- Routing and switching
- Intrusion detection and incidence response
- Ethics in cybersecurity
- Digital forensics
- Information systems security
- Cybersecurity policies

PROGRAM DETAIL

Credit Hours: 180

Program Length: 2–4 years⁵

Course Load: 2 courses per term

Terms: 10 weeks long

Start Dates: Throughout the year

Delivery: Online, with optional local internship

ADDITIONAL PROGRAMS

- Master of Science in Cybersecurity Management
- Master of Science in Information Technology
- Bachelor of Science in Information Technology
- Postbaccalaureate and Graduate Certificates



“The skills gained from the Linux security class made a practical difference at my place of work. I am able to leverage the transferable skills at my workplace by using the same tools and frameworks to detect malicious activity on the corporate network environment.”

Asher Eliefja

BS in Cybersecurity Graduate⁶

CAREER AND NETWORKING OPPORTUNITIES

INDUSTRY OUTLOOK

- Projected growth of employment of information security analysts is 28% from 2016 to 2026, much higher than the average for all occupations.⁷
- There are a total of 301,873 cybersecurity job openings, according to a 2018 report.⁸
- 84% of cybersecurity jobs require at least a bachelor's degree.⁹

CAREER PATHWAYS AND OUTCOMES¹⁰

Roles

- Security policy analyst/manager
- Security architect, programmer, or engineer
- Forensics analyst investigator
- Ethical hacker/penetration analyst
- IT auditor
- Information security officer
- Application security specialist
- Network security analyst
- Information assurance engineer
- Information security analyst

Settings/Industries

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

CAREER SERVICES

Our IT Career Specialists connect 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
- 24/7 online access to job openings and career development tools

STUDENT ORGANIZATIONS AND HONOR SOCIETIES

- Association for Computing Machinery (ACM) and ACM Women in Computing
- Iota Sigma Tau Honor Society
- 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 Kaplan University online bachelor's degree students who graduated in 2017 and entered their program with eligible transfer credits saved an average of \$30,000 toward the total degree. Note: these data were reported prior to the March 2018 purchase of Kaplan University by Purdue University and subsequent creation of Purdue University Global. Campus tuition and transfer credit savings vary by location. Savings based on overall cost of completion without transfer credit. Calculation based on total transfer credit times cost per credit in student's program of study. Individual savings will vary. Calculation includes campus and military students. Purdue Global does not guarantee transferability of credit. Future transfer credit savings are subject to review and the academic policies of Purdue Global. See University Catalog for the Prior Learning Assessment policy.

2 No financial obligation beyond the application fee. Classes count toward a degree if satisfactorily completed. No credits are earned if the student withdraws during the introductory period (3 weeks for new qualifying undergraduate students), which begins day one of the first term. Students who choose to continue their studies at Purdue Global will need to meet specific requirements. Graduate programs not included. Additional terms may apply to international and non-U.S. citizen students. For further information, see the University Catalog.

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

4 Students are responsible for understanding the requirements of optional certification exams. The University cannot guarantee students will be eligible to sit for or pass exams. In some cases, work experience, additional coursework beyond the Purdue Global program, fieldwork, and/or background checks may be necessary to be eligible to take or to successfully pass the exams.

5 Purdue Global online bachelor's degree students who graduated in the 2017–2018 academic year and applied eligible external (transfer, experiential, or credit by exam) credits earned an average of 82 credits or 8 terms toward their total degree. This excludes undergraduate nursing students. Term estimates are based on completion of two 5- or 6-credit courses per term. Individual credits earned will vary. Please see the University Catalog for Purdue Global's Prior Learning Assessment policy. Source: Purdue Global Office of Records Analysis and Reporting.

6 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.

7 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.

8 Source: Cyber Seek, *Cybersecurity Supply/Demand Heat Map*.

9 Source: Burning Glass Technologies, *Job Market Intelligence: Cybersecurity Jobs, 2015*.

10 Purdue Global cannot guarantee employment or career advancement. Additional training or certification may be required. In addition, job titles and responsibilities may vary from organization to organization.