



Bachelor of Science in

CYBERSECURITY PROGRAM

Come Back and Move Forward in Your Cybersecurity Career

As the demand for cybersecurity experts continues to rise, organizations need professionals who can protect them from present and potential threats. This is your moment. Make your comeback in this vital field with an online degree that teaches you how to employ the technical tools and methods to detect and solve a wide range of cybersecurity challenges. You'll also develop valuable teamwork and communication skills that make you stand out in a competitive industry.



Why Make Your Comeback at Purdue Global?

Accelerated Degree Options

Get ahead faster with our ExcelTrack® program, which allows you to speed past the subjects you already know and focus on the skills employers are looking for. You can work at your own pace and take as many classes as you want each term.

Built for Working Adults

Complete courses online, without compromising your work or family schedule.

Backed by the Power of Purdue

Earn a degree you can be proud of — and one that employers will respect. Achieve more in the cybersecurity field with a name that opens doors in your career.

Experience Counts as Credit

You've lived, learned, and worked hard — now it's time to get the recognition you deserve. Use prior coursework, work experience, or industry credentials to graduate sooner. Our average bachelor's graduate saves 50% on tuition with credit for prior learning.¹

Practical Experience

Don't just go back to school — come back with real-world experience and a portfolio of diverse skills through learning labs that simulate on-the-job situations. Further your practical experience with an optional internship.

Faculty Expertise

Learn from experienced cybersecurity and education experts who are practicing professionals in their field. All faculty possess advanced academic degrees.

Personal Support

Work directly with faculty through online discussion boards and seminars, and enjoy no-cost individual tutoring. In addition, academic and career advisors are dedicated to helping you 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*.⁴

ABET Accredited

The online Bachelor of Science in Cybersecurity is accredited by the Computing Accreditation Commission (CAC) of ABET, www.ABET.org.

This assures that our program meets the standards to produce career-ready graduates in critical technical fields that are at the forefront of innovation and emerging technologies.



National Center of Academic Excellence



Purdue Global has been designated by the National Security Agency (NSA) and Department of Homeland Security as a National Center of Academic Excellence in Cyber Defense Education (CAE-CD) for the Bachelor of Science in Cybersecurity.

Program Outcomes Support Your Career Growth

BUILD THE CORE SKILLS AND COMPETENCIES THAT EMPLOYERS DEMAND

- Technology skills
- System specifications
- Professional communication
- Professional development
- Team management
- Security analysis

PREPARE FOR CERTIFICATION

Prepare to pursue many of the critical certifications recognized by the information assurance community and for Department of Defense (DoD) personnel.³

GET A HEAD START ON YOUR MASTER'S DEGREE

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 (CISSP) domains
- Networking with TCP/IP
- Network security concepts
- Introduction to management
- Linux security
- Routing and switching
- Intrusion detection and incident response
- Ethics in cybersecurity
- Digital forensics
- Information systems security
- Cybersecurity policies

ExcelTrack®: A Faster and More Affordable Way to Earn Your Degree

In addition to our traditional online program, we offer ExcelTrack®, which is a personalized, competency-based option that gives you more control over how you learn. Each ExcelTrack® online course is a single credit, covering a particular skill or piece of knowledge, allowing you to bypass any subjects you already know.⁵ This option enables students who have at least 3 years of work experience and 3 prior college courses to earn their bachelor's degree sooner, at a lower cost.

Optional Concentration Areas

Customize your degree plan to develop specialized expertise. We offer several concentrations aligned to current industry demand.

- CISSP Certification Preparation³
- Cloud Computing
- Data Management
- Game Development
- Programming and Analytics
- Software Development using C#
- Software Development using Java
- Software Development using Python
- Software Development using web languages
- Supply Chain Management and Logistics*

Program Detail

Credit Hours: 180

Program Length:

- **Standard online program:** 2–4 years (With transfer credit and other prior experience, the average completion time for Purdue Global bachelor's degree graduates in 2021–2022 was 2.1 years.)⁶
- **ExcelTrack®:** Self-paced to help you graduate sooner

Course Load:

- **Standard online program:** 2 courses per term
- **ExcelTrack®:** As many as you can complete with a "B" or higher on your final assessment

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
- Google Certificates

*Note that the Supply Chain Management and Logistics concentration will not be available on ExcelTrack®.



"My instructors were very understanding of our schedules and really made me feel like getting us to understand the material was very important. They were always available and responded quickly."

Roy J.

BS in Cybersecurity Graduate⁷

Career and Networking Opportunities

Industry Outlook

- Employment of information security analysts is projected to grow 35% between 2021 and 2031, 7 times the average for all occupations.⁸
- There are a total of 755,743 cybersecurity job openings, according to a 2023 report.⁹
- According to a 2022 report, employer demand for cybersecurity workers outpaces supply.¹⁰

Career Pathways and Outcomes¹¹

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

Center for Career Advancement

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
- Cybersecurity Club
- Cloud Club



Accredited by the Higher Learning Commission

Purdue Global is accredited by the Higher Learning Commission (HLCommission.org), an institutional accreditation agency recognized by the U.S. Department of Education.

Military Friendly

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

Contact an Admissions Advisor at [844-PURDUE-G](tel:844-PURDUE-G) or visit purdueglobal.edu.

IMPORTANT INFORMATION: PLEASE READ

For comprehensive consumer information, visit Info.PurdueGlobal.edu.

1 Purdue Global online bachelor's degree students who graduated in 2021-2022 and applied eligible prior learning (transfer, experiential, or credit by exam) credits saved an average of \$34,000 toward the total degree. Campus tuition and prior learning savings vary by location. Savings based on overall cost of completion without prior learning credit. Calculation based on total prior learning credit times standard 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. See University Catalog for the Prior Learning policy. Source: Office of Reporting and Analysis, July 2022. 2021-2022 academic year.

2 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 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.

4 Source: www.timeshighereducation.com/student/best-universities/best-public-universities-united-states. Rankings apply to Purdue University West Lafayette and not to Purdue Global.

5 ExcelTrack® is designed to advance your progress based on existing knowledge; however, degree pace and time and cost savings will vary by individual. Students must enroll in a minimum number of credits per term to remain eligible for financial aid. Refer to the Financial Information section of the University Catalog for additional information. Programs may include standard online courses; however, tuition is charged at the ExcelTrack® rate.

6 The average completion time for Purdue Global online bachelor's degree students who graduated in the 2021-2022 academic year was 2.1 years. Source: Purdue Global Office of Reporting and Analysis, July 2022.

7 This testimonial was obtained by Purdue Global. The views and opinions expressed are those of the individual; student experiences may vary.

8 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.

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

10 Source: Cyber Seek, Overcoming the Cybersecurity Workforce Gap Starts with Data, 2022.

11 Purdue Global does not guarantee employment or career advancement. Additional training or certification may be required. In addition, job titles and responsibilities may vary by organization.