CLOUD COMPUTING AND SOLUTIONS

Bachelor's Degree Program

Come Back More Prepared for the Future of IT With an In-Demand Degree

Cloud computing continues to transform nearly every industry, and organizations need professionals who are capable of migrating and creating solutions in the cloud, ensuring data security, and maintaining vital systems and storage. Now is the time to start your comeback with a degree that opens doors from Purdue Global, Purdue's online university for working adults. Gain the technical, strategic, and business acumen to lead companies in a fast-evolving field.

PURDUE GLOBAL.™

Why Make Your Comeback at Purdue Global?

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 technology field with a name that opens doors in your career.

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.[1]

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.

Faculty Expertise

Learn from experienced IT and education experts who are practicing professionals in the field. All faculty possess advanced academic degrees and relevant industry credentials.

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.[2] Our average bachelor's graduate saves 50% on tuition with credit for prior learning.[3]

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.[4]

Combined Bachelor's-to-Master's Program

Get a head start on your master's degree during your bachelor's program. When you earn a minimum grade in key bachelor's courses, you'll qualify for shortened versions of our master's degree programs in IT or cybersecurity management.

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.*[5]

Take the Next Step in Your Career and Education

BUILD THE CORE SKILLS AND COMPETENCIES THAT EMPLOYERS DEMAND

Gain relevant, practical skills through hands-on learning and virtual IT labs. Apply classroom concepts to real-world cloud computing challenges. Program outcomes include:

- **Technology Skills:** Apply current technical tools and methodologies to create cloud solutions.
- **Client Specifications:** Analyze users' cloud requirements.
- **System Specifications:** Design secure cloud information systems.
- **Technology Analysis:** Evaluate cloud computing trends, practices, and products.
- **Cloud Analysis:** Evaluate the potential impact of cloud-based information systems and technology on business processes.
- **Project Management:** Apply project management practices, tools, and methods to cloud solutions.
- **Professional Development:** Recognize the ethical considerations for IT professionals locally and globally as they develop in their careers.

PREPARE FOR CERTIFICATION[6]

The program provides a foundation for critical industry certifications, including:

- CompTIA Cloud Essentials and Cloud+
- Microsoft MCSE: Cloud Platform and Infrastructure
- Microsoft MCSA: Linux on Azure
- AWS Certified Solutions Architect—Associate
- AWS Certified Solutions Architect—Professional
- AWS Certified Developer—Associate
- AWS Certified SysOps Administrator—Associate
- AWS Certified DevOps Engineer—Professional
- (ISC)² Certified Cloud Security Professional (CCSP)
- Cisco Certified Network Associate (CCNA) Cloud
- Cisco Certified Network Professional (CCNP) Cloud

Some certifications may require work experience and/or additional coursework beyond the Purdue Global program.

Curriculum

Our curriculum prepares you with relevant skills you can apply immediately in the workplace. All courses are reviewed and revised continually by our dedicated curriculum department and advisory board to ensure they reflect the most recent developments in the field.

Course Topics Include:

- Cloud infrastructure administration
- Application development and scripting in the cloud
- Virtualization and cloud security
- Cloud services management
- Security testing for cloud applications
- Advanced cloud security
- Software development in the cloud
- Migrating data and applications to the cloud

- Cybersecurity
- Linux systems administration and security
- Network administration and security
- Database concepts
- Windows Enterprise administration
- Information systems architecture
- Routing and switching

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

ExcelTrack® is competency-based learning that helps IT professionals graduate faster and save on tuition.[1] With ExcelTrack®, you can work at your own pace and take as many classes as you want each term. Each course is a single credit covering a specific topic, so you can speed past what you already know and focus on gaining new, relevant skills and knowledge. Same degree—you choose how to earn it.

Program Detail

Credit Hours: 180

Program Length:

Traditional program: 2–4 years[7] (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.)

ExcelTrack®: Self-paced so you can graduate sooner

Course Load:

Traditional program: 2 courses per term

ExcelTrack®: As many as you can complete with a "B" or higher on your final assessment

Tuition Structure:

Traditional program: Standard per credit

ExcelTrack®: One flat rate per term (excluding fees)

Terms: 10 weeks long

Start Dates: Throughout the year

Delivery: 100% online

Additional Programs

- Bachelor of Science in Cybersecurity
- Master of Science in Cybersecurity Management
- Master of Science in Information Technology
- Google Certificates

Career Opportunities

Industry Outlook

- Employment of computer and information technology occupations is projected to grow 15% from 2021 to 2031.[8]

Career Pathways and Outcomes[9]

Roles

- Computer and information systems manager
- Computer and information research scientist
- Computer systems analyst
- Database administrator
- Network and computer systems administrator
- Computer network architect
- Computer occupations

Industries

- Computer services
- Finance
- Education
- Health care
- Science
- Law
- Communications
- Government

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

Purdue Global Is Accredited by the Higher Learning Commission

The HLC (HLCommission.org) is a regional 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 or visit purdueglobal.edu.