BACHELOR OF SCIENCE IN CLOUD COMPUTING AND SOLUTIONS

THE SHIFT TO THE CLOUD IS TRANSFORMING NEARLY EVERY INDUSTRY. BE READY FOR THE FUTURE OF IT.

As cloud computing evolves, organizations must move from the experimentation phase to full-scale implementation. To do so, they need skilled professionals capable of migrating and creating solutions in the cloud, ensuring data security, and conducting ongoing maintenance of cloud systems and storage. Purdue University Global's online degree equips graduates with technical, strategic, and business acumen to lead companies in this fast-evolving field.

PURDUE GL BAL
UNIVERSITY®

Why Study Cloud Computing at Purdue Global?

ONLINE FLEXIBILITY FOR WORKING ADULTS

Complete 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.

PERSONALIZED LEARNING OPTIONS

In addition to our traditional online program, we offer ExcelTrack™, which helps you earn your degree faster and more affordably.[1] With ExcelTrack™ you can work at your own pace and take as many classes as you want each term.

ONE-ON-ONE SUPPORT

Interact with faculty during online discussion boards and faculty office hours, 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 professionals with extensive experience in IT and education. All faculty possess advanced academic degrees and relevant industry credentials.

CREDIT FOR WHAT YOU ALREADY KNOW

Earn credit for work experience, prior college courses, and industry certifications to accelerate the completion of your degree.[2] Our average bachelor's graduate saves 45% 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]

ACCELERATED MASTER'S DEGREE OPTION

Planning to pursue a graduate degree? Earn a minimum grade in key courses in your bachelor's degree in IT program and you'll qualify for shortened versions of our master's degree programs 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.

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 2019–2020 was 2 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
- Undergraduate and Postbaccalaureate Certificates

PURDUE GLOBAL
UNIVERSITY®

Career Opportunities

INDUSTRY OUTLOOK

- Employment of computer and information technology occupations is projected to grow 13% from 2020 to 2030.[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.