



Bachelor of Computer Applications

USA, UK & CANADA ACCREDITATIONS



UGC
ENTITLED

विद्यया ऽ मृतमश्नुते

WSC
SENIOR COLLEGE AND
UNIVERSITY COMMISSION, USA



WORLD EDUCATION SERVICES

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Message from Directors



Dr. Priya Mary Mathew

Director, Academics

This is the age of knowledge and anyone who says “I do not know” at this age, will risk being labelled “outdated”. We at Amity Online family have pledged to ensure no one faces that dilemma. That’s why you will find Amity University Online going to the depths, the widths, the lengths to ensure we serve as many humans as possible. Choices decide the fruits of your life. Taking up online programs with AUO is a wise decision to widen your opportunities to succeed.



Prof. Abhinash Kumar

Director, Amity University Online

Amity University Online provides ‘Anytime, Anywhere’ education experience, intensive corporate interaction, industry-oriented teaching delivered by eminent corporate experts and world-class faculty. Designed to suit both graduate students and working professionals, our programs adhere to UGC’s stringent criteria and we are at par with the campus programs.

About Amity University Online

Bringing together pedagogy, content and technology, Amity University Online is home to a range of University Grants Commission (UGC) entitled programs meant for anytime, anywhere learning. Amity University Online serves the educational aspirations of students across the globe with Master's, Bachelor's, Post Graduate Certificates and Certificate programs through its well-researched curriculum, renowned faculty, cutting-edge technology and close industry-academic partnerships.



The country's first university to receive the prestigious UGC entitlement for its online programs, Amity University Online is devoted to creating a transformative learning environment. In today's environment, when content is mobile and available anytime, anywhere, learning is truly a click away.



A LEADING GLOBAL EDUCATION GROUP

Amity Education Group is one of the largest education groups, established over twenty years ago, offering globally benchmarked education right from pre-school to Ph.D. level with over 400 UG & PG programs across various disciplines in education.

175,000

Students

225,000

Online Students

6,000+

Faculty

120,000

Alumni Worldwide

1,200

Acres of Campuses

Universities in

Noida, Gurugram, Greater Noida, Jaipur, Mohali, Lucknow, Mumbai, Gwalior, Raipur, Kolkata, Ranchi & Patna

International Campuses in

London, Dubai, Singapore, New York, San Francisco, Abu Dhabi, Mauritius, Sharjah, South Africa, Amsterdam, Nairobi, Tashkent

About the Program

BACHELOR OF COMPUTER APPLICATIONS

Learning Efforts - 12/15 hrs a week | Duration - 3 Years | Credits - 134

Bachelor of Computer Applications is a three-year (6-semester) program for undergraduates interested in pursuing a career in information technology. The degree is awarded for completing the program in the study fields of software testing, web design, software development and programming, computer networking, and computer systems. It provides a substantial understanding of concepts in the key areas of computer science.

The program includes all important concepts and practices, in the areas of data structures, C++ and DBMS, computer networks, database management systems, operating systems, computer graphics and visual basics, data warehousing and mining, Java programming, multimedia, and web technologies. The subjects provide good knowledge in critical areas of computer science and networking. The information technology sector has a substantial economic impact and hence provides ample job opportunities.

Program Curriculum

SEMESTER 1

- Basic Mathematics- I
- Programming in C
- Human Computer Interaction
- Computer and Information Technology
- Business Communication

SEMESTER 3

- Computational Statistics
- Network Basics
- Introduction to Data Base Management Systems
- Object Oriented Programming Using Java
- Green computing

SEMESTER 5

- Introduction to Artificial Intelligence
- Internet of Things(UG) Syllabus
- Introduction to Enterprise Resource Planning
- Data Warehousing and Mining
- Fundamentals of Ecommerce
- Professional Ethics

SEMESTER 2

- Data Structures Using C
- Environmental Studies
- Software Engineering and Modeling(UG) Syllabus
- Operating System Concepts
- Individual Excellence and Social Dynamic

SEMESTER 4

- Unix Operating System and Shell Programming
- Python Programming
- Cyber and Information Security
- IT Project Management
- Fundamental of Cloud Computing & Enterprise
- Fundamentals of Digital Marketing

SEMESTER 6

- Introduction to e-Governance
- Block chain Technologies
- Introduction to Data Science
- Human Resource Management
- Major Project [Non-Teaching Credit Courses]

Program Faculty



Prof. (Dr.) Ronald C Darnell

Ph.D, Organization Management - IT Management,
Capella University, USA,
Professor and program Coordinator -
Amberton University,
Visiting Professor- Devry, University,
Professor - Parker University,
Principal Consultant & Agile Coach- Vizient, Inc.



Asst. Prof. Anjali Munde

Ph.D Mathematics
Amity Univesity Noida



Prof. Deepak Kumar

Ph.D Software Reliability
University of Delhi



Prof. Sapna Sinha

Ph.D Computer Science



Asst. Prof. Anil Kumar Sajnani

M.Tech Computer Science
Birla Institute of Technology

Eligibility

- 10th Class Certificate (Completing 10 years of formal schooling)
- 12th Class Certificate (Completing 12 years of formal schooling)

Accredited. Respected. Trusted.



Programs Entitled
by Distance Education
Bureau (DEB) UGC



Programs are
Accredited by QAA (UK)



Asia's only not-for-profit
university to get
US regional accreditation



Accredited by
National Assessment And
Accreditation Council (NAAC) Grade 'A+'



Ranked 25th
in the country



Accredited Member of
Accreditation Council for
Business School and
Program (ACBSP), USA



Association of
Indian Universities



Recognised by
World Education Services

TESTIMONIAL

“Altogether, it has been a hassle-free experience, taking exams from my choice of place and the team's support throughout the entire course. I'm grateful to have completed a degree from one of the best Universities globally.”

Rohit Shaw

Centre Manager, Jetking

Amity University Online Advantage



Live & interactive lectures
by expert faculty



Web Proctored Mode for
the freedom to take
exams anywhere



World-class curriculum
designed by eminent faculty
and industry professionals



Learn from the leading
global faculty



Regular webinars
by industry leaders



Virtual job fairs and
career assistance



International collaborations
with Ivy League universities



Easy-to-use LMS accessible
anytime, anywhere



Strong alumni network



Exemplary employer rating
of various programs

Alumni Working At





FOR ENQUIRIES

Amity University Campus, Sector - 125, Noida, India
Toll Free No. : 1800-102-3434

Website : www.amityonline.com