

Become a
Next-Gen

Professional in the Digital World
with

BACHELOR OF COMPUTER APPLICATIONS (BCA)





ABOUT CHANDIGARH UNIVERSITY

Chandigarh University, a leading Indian institution, offers a unique amalgamation of professional and academic excellence. In more than a decade-long journey of driving transformation in the educational landscape, the University has made remarkable achievements, winning the most prestigious awards, rankings, and accreditations. The QS Asia University Rankings 2025 ranks Chandigarh University as the No. 1 private university in India, while the prestigious QS World University Rankings 2025 places it globally at a rank of 691-700. Additionally, with the positioning among the top 20 universities in the National Institutional Ranking Framework 2024 released by the Ministry of Education, Government of India, and A+ accreditation by the National Assessment and Accreditation Council in the first cycle itself, the University establishes itself as one of the premier destinations for higher education.

TOP RANKINGS TESTIFYING OUR EXCELLENCE



India's No. 1
Private University
for **Three Consecutive Years**



**BESTOWED WITH A+ ACCREDITATION
BY NATIONAL ASSESSMENT AND
ACCREDITATION COUNCIL (NAAC)**
in the first cycle



**GLOBAL RANK
575**

by QS World University Rankings 2026



**AMONG WORLD'S
TOP 500 UNIVERSITIES**

Hospitality & Leisure Management #1, Social Sciences & Management #9, Computer Science & Information Systems #10, Engineering & Technology #11, Engineering - Mechanical, Aeronautical & Manufacturing #14, Business & Management Studies #18



**RANKED #19
AMONGST TOP
UNIVERSITIES IN INDIA**

(Engg. #31, Mgmt. #32,
Pharmacy #15, Architecture #14)



**NBA ACCREDITED
ENGINEERING AND MBA PROGRAMS**



**RANKED NO. 1 IN INDIA
FOR FILING HIGHEST
NUMBER OF PATENTS**
in the year 2021-22

RECOGNITIONS, ACCREDITATIONS & MEMBERSHIPS



INTERNATIONAL MEMBERSHIPS



TOP REASONS TO CHOOSE ONLINE EDUCATION: THE FUTURE OF LEARNING

Online education has transformed the way we learn, offering flexibility, accessibility, and opportunities for growth. Whether you're balancing a career, family, or simply seeking a more convenient way to study, online learning provides a pathway to achieve your aspirations with ease and efficiency.



Flexible Learning

Study at your own pace and schedule, allowing you to balance education with work, family, or other commitments.



Accessible Anywhere

Access learning materials from anywhere with an internet connection, breaking geographical barriers to education.



Self-Directed Progress

Choose the pace of your learning, allowing you to spend more time on challenging topics and less on familiar ones.



Diverse Peer Network

Connect with fellow learners from various professional and geographical backgrounds, enriching your learning experience.



Advanced Learning Tools

Benefit from interactive platforms and digital tools that make it easier to understand and engage with complex topics.



Continuous Access to Resources

Review materials, lectures, and assignments anytime, ensuring consistent support throughout your learning journey.



Exams on Demand

Take assessments when you're ready, providing flexibility and helping reduce exam-related stress.



Expert-Led Sessions

Learn from industry experts and guest speakers, gaining insights and practical knowledge directly from professionals.



Cost-Effective Education

Enjoy reduced costs related to commuting, accommodation, and often lower tuition fees compared to traditional on-campus programs.

ONLINE DEGREE EQUIVALENCE

The degree obtained through online mode is equivalent to the degree offered through conventional mode as per the Regulation 22 of UGC, 2020 (University Grants Commission)

ONLINE DEGREE =
REGULAR DEGREE

UNIVERSITY GRANTS COMMISSION — PUBLIC NOTICE —



प्रो. राजनीश जैन
सचिव
Prof. Rajnish Jain
Secretary



विश्वविद्यालय अनुदान आयोग
University Grants Commission
(शिक्षा विभाग, भारत सरकार)
(Ministry of Education, Govt. of India)
बहदुर शाह जफर मार्ग, नई दिल्ली-110002
Bahadur Shah Zafar Marg, New Delhi-110002
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F. No.3-5/2022(DEB-III)

PUBLIC NOTICE

August, 2022

02 SEP 2022

Equivalence of degree obtained through ODL and Online mode with degree obtained through conventional mode

The Regulation 22 of the University Grants Commission (Open and Distance Learning Programmes and Online Programmes) Regulations, 2020 stipulates as under;

"Equivalence of qualification acquired through Conventional or Open and Distance Learning and Online modes.— Degrees at undergraduate and postgraduate level in conformity with UGC notification on Specification of Degrees, 2014 and post graduate diplomas awarded through Open and Distance Learning mode and/or Online mode by Higher Educational Institutions, recognised by the Commission under these regulations, shall be treated as equivalent to the corresponding awards of the Degrees at undergraduate and postgraduate level and post graduate diplomas offered through conventional mode."

This is for information of the general public, students and other stakeholders.


(Rajnish Jain)

Bachelor of Computer Applications (BCA)

The BCA program offers a strong grounding in programming, databases, software engineering, and IT systems, preparing students for diverse technology careers.

What makes this BCA different is its deep integration of GenAI and real-world software tools, helping you build modern development and automation skills. You also earn 5 global-standard certificates, including Microsoft, NSDC and Harvard significantly boosting your profile in the tech job market.



Fee Structure

FEES	Without EBD	With EBD 20%
Prospectus Fees	₹ 1000	₹ 1000
Semester Fees	₹ 29,500	₹ 23,600
Annual Fees	₹ 59,000	₹ 47,200
Total Program Fees	₹ 1,77,000	₹ 1,41,600

Duration

3 years (6 semesters)

120
Minimum Credits

30+
Live Sessions

100+
Training
Assistant Session

30+
Case Studies
& Industrial Talks

10
Value Added
Harvard Modules



*To know more about the currently available scholarships, visit our website www.onlinecu.in or contact our helpline number 1800-1213-88800

MANAGE MENTOR MODULES PROVIDED BY HARVARD BUSINESS PUBLISHING EDUCATION

1. Innovation & Creativity
2. Strategy Planning & Execution
3. Business Plan Development
4. Performance Measurement
5. Diversity, Inclusion & Belonging
6. Decision Making
7. Ethics at Work
8. Presentation Skills
9. Team Management
10. Digital Intelligence



GET AN ASSURED CERTIFICATE
After Completing Any of the Module

CU Online: A World of Opportunities

CU Online brings Chandigarh University's world-renowned education to the digital space, providing flexible, accessible, and high-quality learning experiences. Designed for ambitious learners, CU Online offers a range of programs with cutting-edge resources, expert faculty, and a globally recognised curriculum that empower you to advance your career and achieve your goals.



UGC-Entitled Online Programs



Interactive Sessions with Industry Experts



Internationally Recognised by WES*



Advanced CU Learning Management System(LMS)



Placement Assistance with 300+ Hiring Partners



Dedicated 24*7 Learner Support



Well Experienced & Globally Renowned Faculty



Exclusive Scholarships Available



On-Demand Examination



University E-Knowledge Resource Centre

*WES : World Education Services

Personalised Learning with Advanced Learning Management System (LMS)



Interactive Live Sessions

- Engage in dynamic live workshops held on weekends, designed to enhance the classroom experience through interactive discussions.
- Enjoy seamless, real-time interactions between students and faculty.



Comprehensive Video Library

- Access a curated library of video content, helping you master concepts at your own pace.
- Enjoy the flexibility of learning whenever it fits your schedule.



Self-Assessment Tools

- Track your progress through learning materials with built-in self-assessment tools.
- Identify strengths and areas for improvement, allowing you to focus your efforts and optimise your study time effectively.



Flexible Examination Options

- Create a customised exam schedule that aligns with your availability, giving you control over when to take your assessments.
- Our AI-monitored online exams ensure a secure, fair, and convenient testing environment, so you can focus solely on performing your best.



Bachelor of Computer Applications

Program Structure

Semester 1	Semester 2	Semester 3
<ul style="list-style-type: none">Computer ProgrammingCommunication SkillsFinance and EconomicsDiscrete MathematicsElectrical and Electronic Circuits	<ul style="list-style-type: none">Object Oriented ProgrammingData Structures and AlgorithmsIntroduction to Management & LeadershipSoft SkillsComputer Systems Architecture	<ul style="list-style-type: none">Elective as per Specialization - IElective as per Specialization - IIElective as per Specialization - IIIElective as per Specialization - IVElective as per Specialization - V
Semester 4	Semester 5	Semester 6
<ul style="list-style-type: none">Elective as per Specialization - IElective as per Specialization - IIElective as per Specialization - IIIElective as per Specialization - IVElective as per Specialization - V	<ul style="list-style-type: none">Elective as per Specialization - IElective as per Specialization - IIElective as per Specialization - IIIElective as per Specialization - IVElective as per Specialization - V	<ul style="list-style-type: none">Elective as per Specialization - IElective as per Specialization - IICapstone Project (Specialization-Based) (with Live Industry Project)

Electives (Semester 3)

Data Science

Introduction to Data Science
Python for Data Science
Machine Learning Fundamentals
Probability & Statistics for Data Science
Data Visualization & Exploratory Data Analysis

UI / UX (Unity)

Introduction of UI/UX Design
UI/UX Tools-I
Fundamental of Design
Design Thinking and Creativity for Innovation
Environmental, Waste and Disaster Management

Cloud Computing & Cyber Security

Network Essentials & Operating Systems-1 with Projects
Deploying Windows (10/11) & Linux Environment (Ubuntu) with Projects
Inter-Networking with Cisco
Server OS-1 (W2K22-P1)
Server OS-2 (W2K22-P2)

AR & VR (Meta)

Fundamentals of AR & VR
Digital Media Design & Editing (using Adobe Photoshop)
Fundamentals of Animation
Design Thinking and Creativity for Innovation
Environmental, Waste and Disaster Management

Agentic AI

Introduction to Artificial Intelligence
Python for AI and Data Science
Data Analytics and Visualization
Foundations of Intelligent Agents
AI Tools, APIs and Development Frameworks

Electives (Semester 4)

Data Science

Advanced Data Structures & Algorithms
Linear Algebra for Data Science
Big Data Technologies
(Hadoop & Spark)
Statistical Methods for Data Science
Data Warehousing &
Business Intelligence

UI / UX (Unity)

UX Research
UI/UX Tools-II
Design Thinking Techniques
Python programming
Computer Networks

Cloud Computing & Cyber Security

Working with Enterprise Linux (RHCSA)
Deploying & Administering Azure Cloud
Programming with Python
& Shell scripting
Wireshark NW Monitoring, Storage
with SNIA & Checkpoint Security
Administering AWS Cloud

AR & VR (Meta)

Animation Techniques & Visual
Storytelling (using Industry tools
such as Adobe After Effects/Animate)
3D Animation and Modelling
Design Thinking Techniques
Python programming
Computer Networks

Agentic AI

Machine Learning Fundamentals
Natural Language Processing
Cloud Computing for AI Applications
Autonomous Intelligent Systems
AI Application Development

Electives (Semester 5)

Data Science

Cloud Computing for Data Science
Deep Learning Fundamentals
Natural Language Processing
Data Mining & Predictive Analytics
Data Engineering & Data Pipelines

Cloud Computing & Cyber Security

Hacking Safeguards & CyberSec (CEH-V11) with use cases
Cyber Laws & Working with Kali Tools
Digital Forensics (CHFI-V.9) with usecases
Penetration Testing & Deploying Bug Bounty
Cyber Security with Splunk

Agentic AI

Foundations of Agentic AI Systems
Multi-Agent Systems and Coordination
Generative AI and Large Language Models
AI Workflow Automation and AI Agents
Agentic AI Architecture and System Design

UI / UX (Unity)

UI Design and Application
Website Design UI
Wireflow Creation
Service Design
Minor Project
(with Live Industry Project)

AR & VR (Meta)

Programming in Unity using C#
3D and VR Workflows
Modern Art and Design
Virtual Reality context and Technology
Minor Project
(with Live Industry Project)

Electives (Semester 6)

Data Science

AI Governance, Ethics & Safety
MLOps & Model Deployment
Capstone Project: Building an
Agentic AI System

Cloud Computing & Cyber Security

Internet of Things
AI Governance, Ethics & Safety
Capstone Project on Network, Cloud &
Cyber security Deployment & Security

Agentic AI

Human–AI Interaction and
Cognitive Systems
AI Ethics, Governance and
Responsible AI
Capstone Project: Building
an Agentic AI System

UI / UX (Unity)

Machine Learning
Mobile Application Development
using UI/UX
UI Animation and Motion Graphics
AI for All
Major Project
(with Live Industry Project)

AR & VR (Meta)

Service Design
E Portfolio
VR Development
XR Studio
Major Project
(with Live Industry Project)

Diverse Career Opportunities for BCA Graduates

- ▶ Software Developer/Engineer
- ▶ Web Developer
- ▶ Mobile App Developer
- ▶ Database Administrator
- ▶ System Analyst
- ▶ IT Consultant
- ▶ Network Administrator
- ▶ UI/UX Designer
- ▶ Quality Assurance Analyst
- ▶ Data Analyst
- ▶ Digital Marketing Specialist
- ▶ Cyber Security Analyst
- ▶ E-commerce Manager
- ▶ Investment Banker
- ▶ Technical Support Engineer
- ▶ Content Management Specialist
- ▶ Cloud Solutions Architect
- ▶ Game Developer
- ▶ IT Project Manager
- ▶ System Administrator
- ▶ DevOps Engineer
- ▶ Internet of Things (IoT) Developer



ACADEMIC DELIVERY PLAN

Mode: Quadrant delivery through LMS

- Weekly modules as per course credit
- Modules to be released on weekly basis
- Qualitative video repository of course content:
Hours as per course credit
- E-books/OER material/CU digital library access
- Weekly case study discussions on LMS
- Weekly live interactive sessions by subject matter experts
- Live doubt clearing sessions through LMS





ADMISSION GUIDELINES

All admissions are provisional and subject to fulfilment of necessary requirements.

Admission will be cancelled if the full fees is not paid or the required documents are not submitted online within the specified time frame. The University is not responsible for any loss of opportunity or any resulting loss or damage due to non-compliance.

The University reserves the right to alter any announced dates. Any changes will be promptly updated on the University's official website, onlinecu.in.

Detailed information about programs and their eligibility criteria is available on our website, onlinecu.in. Applicants are encouraged to review these details before applying.

Candidates must carefully read all instructions provided in the application form to ensure successful submission.

ADMISSION PROCESS

STEP 1

Online counselling:

Our counselors will provide guidance to potential students on their selected program.

STEP 2

Online registration to admission portal:

Access to the admission portal is granted through online registration with a registration fee.

STEP 3

Documents verification:

The university admission team reviews the uploaded documents and confirms eligibility within a span of 4 Days.
(Documents approval is subject to eligibility criteria as per the university guidelines.)

STEP 4

Fee payment & LMS access:

Students receive a fee payment link to complete payment. Upon successful fee payment, eligible students are granted access to LMS (Learning Management System)

How to create ABC ID and DEB ID

Step: 1

To Create ABC ID*

1. Download the DigiLocker app from Google Play store or Apple store
2. Login to your DigiLocker account using aadhaar card number
3. Click on search documents
4. Search for 'Academic Bank of Credits'
5. Fill all the necessary details

Your ABC ID will be generated...

Step: 3

Share the DEB ID details

1. Login to <https://apply.onlinecu.in/>
2. Fill in your CUOL ID and Password
3. Click on 5th step
4. Submit details mentioned for the DEB ID verification

Step: 2

To Create DEB ID*

1. Go to: <https://deb.ugc.ac.in/StudentDEBId>
2. Enter your ABC ID and click on submit
3. Fill all the necessary details and click on submit

Your DEB ID will be generated ▶▶▶▶



*ABC ID: Academic Bank of Credits ID | *DEB ID: Distance Education Bureau ID



ONLINE Modes of Fee Payment

Students must register at apply.onlinecu.in. Once the application form is activated, the applicant will receive a University Account Number along with access to the payment gateway.

The payment gateway supports the following options:

- Credit/Debit Card (ATM)
- Net Banking
- RTGS/NEFT
- UPI/Wallet

Status of Student Fee paid through Online Mode will be updated. In case of any fee deposit related clarification/details, write an email to admissions@cuidol.in





Apply Now: www.apply.onlinecu.in
For Admission enquiry: 1800-1213-88800
Email: admissions@cuidol.in | helpdesk@cuidol.in

