Master of Computer Applications - Cloud Computing

WITH CHANDIGARH UNIVERSITY

🕐 2 years | Online Mode

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About Chandigarh University

Chandigarh University (CU) is a private university established in 2012 by the Punjab State Legislature and is recognised by University Grants Commission under Section 2(F) with the right to confer degrees as per Section 22(1) of the UGC Act, 1956.

The **National Institutional Ranking Framework** ranked Chandigarh University **84 in the engineering category and 51 in the management category**, as per the rankings released in June 2020.

Achievements at a Glance

- UGC recognised, National Assessment and Accreditation Council (NAAC) A+, The University became **"The Youngest University"** to be ranked by **NIRF, Govt. of India.**

- First Indian university to hold **Limca Book Of Records for Highest Number of Recruiting Companies** in one academic year.

- Considered amongst the top 50 private state universities by the **Outlook-ICARE India University Ranking 2019.**

- Alumni network of over 38879 candidates who are all currently working under some of the best MNCs in the world.

Hear from Chandigarh University's chancellor

Learning at University is an invigorating journey that allows you to grow and progress for the future-and there is no better place to do this than CU. University has marked 2017 as a year of student and faculty delight and our sole aim is to make university an unsurpassable place to study."

Chandigarh Group has been envisioned to make a difference to the professional and higher education in the region. In the last 14 years, we have been able to garner the support, trust and appreciation of all the stakeholders, thus making us one of India's most reputed professional institutions. Chandigarh University has become a strong brand name associated with excellence in contemporary teaching – learning models, innovation and service to the community.

Satnam Singh Sandhu
Founder Chancellor,

Why choose MCA in

Cloud Computing?

After learning the basics of Computer Applications, with a Master's degree, you will be able to:

- Identify requirements for softwares across application domains.

- Specialise in Artificial Intelligence & Machine Learning.

- Apply architectural/design principles to design a software that meets requirements with a user-friendly interface.

- Implement any software design using contemporary methodologies, programming languages, and environments.

- Exhibit skills in current software development tools, technologies, and platforms.

Why Online Degrees?
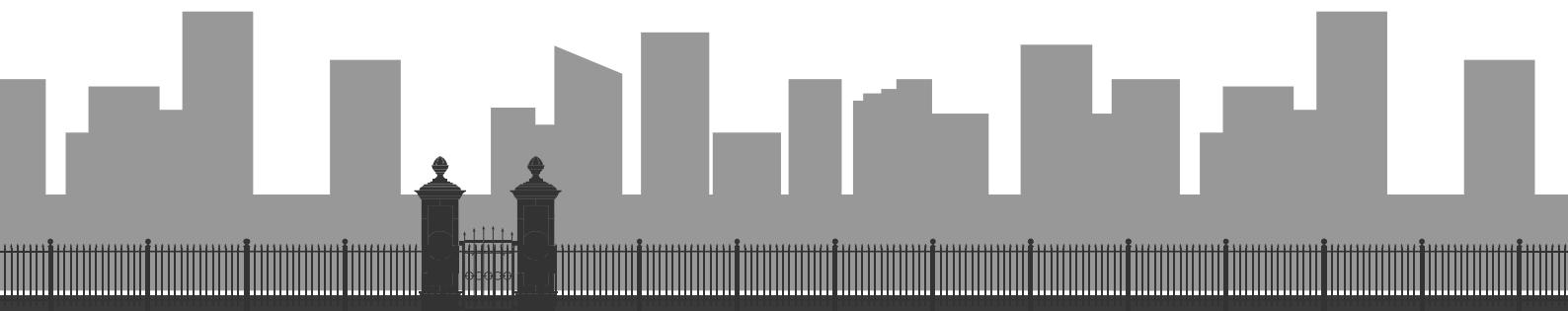
Latest study material and curriculum designed by subject matter experts

Top class faculty and instructors

* You know what's best for you. Personalised learning tracks for learners to choose from:

The Career/Naukri Track:
1. 6 months internship
2. Soft Skills & Aptitude Coaching with Interview Prep and Resume Building
3. Access to Job Portal with 5000+ openings/month
4. Personalised career guidance from industry mentors

The Competitive Exam Track:
1. Prepare for exam while you get a degree at an additional cost
2. Get career assistance upto three years after graduating from the program
3. Get free aptitude and soft skills training & personalised mentorship after first year

The Business/Dhanda Track:
1. 6 months Business Transformation Live Project built in
2. Additional certification from Government of India's Start Up India Learning Program
3. Free Access to upGrad's Entreprenersuhip Program with networking & mentoring

The Online Difference

Your learning outcomes are our top priority. Our online Master of Computer Applications - Cloud Computing is designed to ensure that you have the best chance of success.

Here's how we do it:

- Comprehensive, case-based and latest, industry-relevant study material and curriculum

- Enabled by best-in-class technology

- Scheduled classes

- Designed and delivered with top faculty from across the country and industry experts

- Job-focused study material with soft skills preparation built in (Interview preparation, resume building skills)

Flexibility: Learn anytime anywhere at your convenience (Laptop/Tablet)

Success Support: Get Teaching Assistant support and get your queries resolved quickly

Career Services: Access to job portal with 4500+ jobs a month, interview preparation and resume building workshops, aptitude and communication skills training.

Peer to peer learning: Learners' social media network within upGrad learning app to encourage collaboration and engagement during the learning process

Experience the 360° University Experience Online

Exams at home: Proctored assessments and exams at the convenience of the learner's home

Curriculum at a Glance

Semester 1

COURSE NAME	PROPOSED CREDITS
• ADVANCED COMPUTER NETWORKS	3
• PARALLEL AND DISTRIBUTED PROGRAMMING	3
• STATISTICAL AND NUMERICAL METHODS	4
• INTRODUCTION TO CLOUD COMPUTING AND AWS	4
• PYTHON PROGRAMMING	4
• STATISTICAL AND NUMERICAL METHODS	2
SEMESTER 1 TOTAL CREDITS	**20**

Semester 2

COURSE NAME	PROPOSED CREDITS
• DEVOPS PROCESS AUTOMATION	3
• WEB TECHNOLOGIES	4
• DATA ANALYTICS AND BUSINESS INTELLIGENCE	4
• NETWORK SECURITY AND CRYPTOGRAPHY	4
• COMPUTING APTITUDE	3
• LINUX ADMINISTRATION LAB	1
SEMESTER 2 TOTAL CREDITS	**19**

Semester 3

COURSE NAME	PROPOSED CREDITS
• CONTAINERIZATION WITH DOCKER	4
• CONTINUOUS INTEGRATION AND TESTING AUTOMATION	4
• CLOUD DEPLOYMENT AND MANAGEMENT	4
• INDUSTRIAL/ INSTITUTIONAL TRAINING	2
• MINOR PROJECT	4
• SEMINAR- I	4
SEMESTER 3 TOTAL CREDITS	**22**

Semester 4

COURSE NAME	PROPOSED CREDITS
• CLOUD MONITORING AND MIGRATION	4
• RESEARCH METHODOLOGY	3
• CONTAINER ORCHESTRATION USING KUBERNETES	4
• MOOCS	1
• MAJOR PROJECT	8
• SEMINAR- II	1
SEMESTER 4 TOTAL CREDITS	**21**

Total   82

Your Typical Week at our Online University

🕐 Recommended weekly hours of study: 15

You will spend approximately half this time on the learning platform, indulge in self-study for assignments, and interact with peers in the discussion forum to solve queries. Your Teaching Assistants will ensure no query goes unanswered.

Recorded lectures

Live sessions with faculty and industry experts

2 Assignments per semester

4 doubt-solving Sessions (2 hours each)

Personality Development Coaching

Network with peers
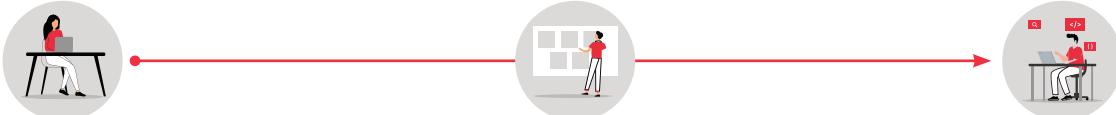
Post doubts and discuss questions on the discussion forum - get an answer in under 24 hours!

How to Apply and Eligibility Criteria

ADMISSION PROCESS

STEP 1:
Fill the application form available online at upGrad.com

STEP 2:
Block your seat! Pay INR 10000 only to block your seat.

STEP 3:
Based on your previous educational performance, you may be required to take an enrolment test.

ELIGIBILITY

Passed BCA/ Bachelor Degree in Computer Science Engineering or equivalent Degree.
OR
Passed B.Sc./B.Com./B.A. with Mathematics at 10+2 Level or Graduation Level
(with additional Bridge Course of 120 hours).
Obtained at least 50% marks (45% marks in case of candidates belonging to r
eserved category) in the qualifying examination

Program Details

Master of Computer Applications - Cloud Computing Chandigarh University

PROGRAM DURATION
2 years

PROGRAM FEE
Total Fee: ₹1,30,000
Annual Fee: ₹65,000
Semester Fee: ₹32,500

NEXT BATCH COMMENCES
15th February 2021

* EMI options available.
* The option to avail a laptop/tablet is available at an additional cost.

FOR ANY FURTHER QUERIES, CONTACT

onlinedegrees@upgrad.com
1800-210-2020
Speak to one of our Admissions Counsellors today!