



CU Online

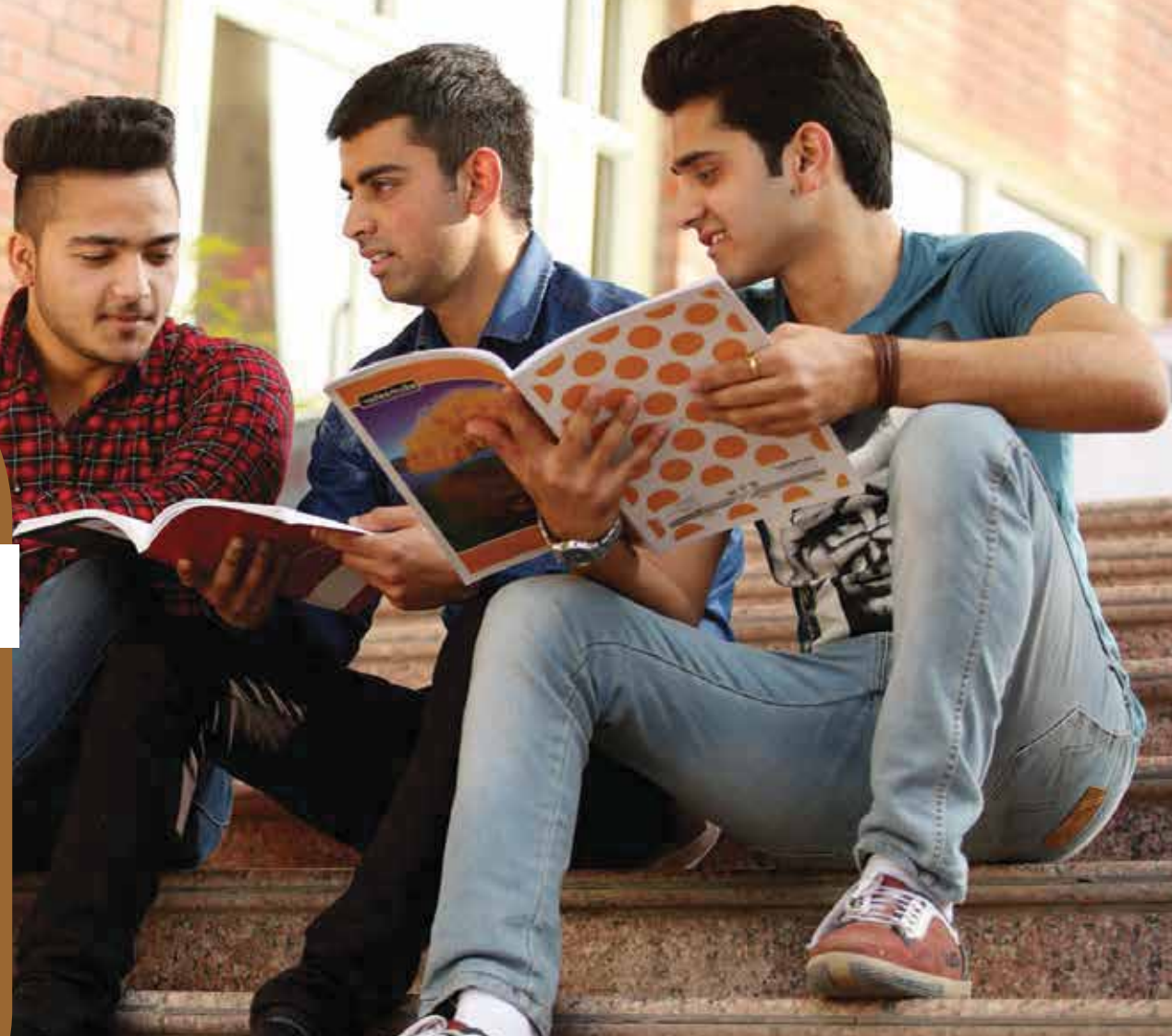
Discover. Learn. Empower.

Shape Your Career and Master

DATA-DRIVEN SOLUTIONS

With _____

Master of Science in Data Science (M.Sc Data Science)



RANKED #19
AMONGST TOP
UNIVERSITIES
IN INDIA





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

2026
QS UNIVERSITY RANKINGS
ASIA
 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

 University Grants Commission (UGC)	 National Assessment & Accreditation Council (NAAC)	 Association of Indian Universities (AIU)	 National Council for Hotel Management & Catering Technology (NCHMCT)
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 Bar Council of India (BCI)	 Pharmacy Council of India (PCI)	 Council of Architecture (COA)	 National Council for Teacher Education (NCTE)
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INTERNATIONAL MEMBERSHIPS

 International Association of Universities (IAU)	 The Association of Commonwealth Universities (ACU)	 Institute of Electrical & Electronics Engineers (IEEE)
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 The American Society of Mechanical Engineers (ASME)	 Indo US Collaboration for Engineering Education (IUCEE)	 Member of International Dance Council CID for the year 2021
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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 —



ज्ञान-विद्यान विमुक्तये

प्रो. रजनीश जैन
सचिव
Prof. Rajnish Jain
Secretary



सत्यमेव जयते

विश्वविद्यालय अनुदान आयोग
University Grants Commission

(शिक्षा मंत्रालय, भारत सरकार)
(Ministry of Education, Govt. of India)

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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)

MASTER OF SCIENCE (DATA SCIENCE)

The Master's degree program in Data Science offered by Chandigarh University is a two-year online higher education program. It has been uniquely positioned to provide you with theoretical knowledge and practical exposure to the fast-transforming field of Data Science. The courses are designed to deliver in-depth and most-relevant skills in conventional areas of data engineering and analysis such as in Businesses, Finances, and Industrial and Scientific Research, as well as in relatively newer areas such as in Social Data Analysis, Big Data, and more.

Harvard Business Publishing Education modules are included in this program.

Eligibility

Candidate must have completed bachelor's degree in BA / BCA / B.Sc (Statistics, Mathematics or Computer Science) / B.E / B.Tech

OR

equivalent undergraduate degree with any one of the following subject
Computer Science / Mathematics / Statistics from a recognized Board / University.

Duration

2 years (4 semesters)

80
Minimum
Credits

30+
Live Sessions

60+
Training
Assistant Session

12+
Case Studies
& Industrial Talks

10
Value Added
Harvard Modules



Fee Structure

FEES	Without EBD	With EBD (25%)
Prospectus Fees	₹ 1000	₹ 1000
Semester Fees	₹ 36,667	₹ 27,500
Annual Fees	₹ 73,334	₹ 55,001
Total Program Fees	₹ 1,46,668	₹ 1,10,001



*To know more about the currently available scholarship, 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 recognized curriculum that empower you to advance your career and achieve your goals.



UGC-Entitled Online Programs



Interactive Sessions with Industry Experts



Internationally Recognized 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.



Master of Science (Data Science)

PROGRAM STRUCTURE

Semester 1	Semester 2	Semester 3	Semester 4
Fundamentals of Programming-Python	Software Engineering for Data Science	Deep Learning	Elective as per Specialization Group – A/B/C/D
Database Management System	Data Visualization	Elective as per Specialization Group – A/B/C/D (with Live Industry Project)	Elective as per Specialization Group – A/B/C/D\
Design and Analysis of Algorithms	Big Data	Elective as per Specialization Group – A/B/C/D (with Live Industry Project)	Capstone Project (with Live Industry Project)
Evolutionary Algorithms and Numerical Optimization	Machine Learning	Elective as per Specialization Group – A/B/C/D (with Live Industry Project)	
Statistical Methods	Statistical Inference	Elective as per Specialization Group – A/B/C/D (with Live Industry Project)	

Electives - Semester 3

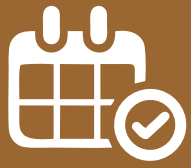
Data Analytics	Agentic AI	Applied AI	Genative AI
RAG Systems & Knowledge Engineering	Advanced NLP & Language Model Applications	Applied Deep Learning	RAG Systems & Knowledge Engineering
Pattern Recognition	RAG Systems & Knowledge Engineering	Natural Language Processing & Large Language Models	Large Language Models and Transformer Architectures
Regression Analysis	AI & Multi-Agent Systems	Computer Vision & Image Intelligence	Prompt Engineering and LLM Applications
Information Retrieval	Large Language Model Engineering	Reinforcement Learning & Decision Intelligence	Large Language Model Engineering

Semester 4

Data Analytics	Agentic AI	Applied AI	Genative AI
Bayesian Data Analysis	AI Systems Design & MLOps	AI Systems Engineering & MLOps	Advanced Generative Models and Multimodal AI
Multivariate Analysis	AI Governance, Ethics & Responsible AI	Responsible & Ethical AI Systems	LLM Engineering, RAG and AI Agents
Time Series Analysis	AI Product Management: Strategy, Roadmapping, Go-to-Market	RAG Systems & Knowledge Engineering	Responsible Generative AI and Deployment

DIVERSE CAREER OPPORTUNITIES FOR M.Sc GRADUATES

- ▶ Data Scientist
- ▶ Machine Learning Engineer
- ▶ Data Analyst
- ▶ Business Intelligence Analyst
- ▶ Data Engineer
- ▶ Quantitative Analyst
- ▶ AI Research Scientist
- ▶ Big Data Analyst
- ▶ Statistical Analyst
- ▶ Data Visualization Specialist
- ▶ Marketing Analyst
- ▶ Natural Language Processing Engineer
- ▶ Fraud Detection Analyst
- ▶ Supply Chain Analyst
- ▶ Blockchain Data Analyst
- ▶ Retail Data Analyst
- ▶ Artificial Intelligence Ethics Consultant
- ▶ Government Data Analyst
- ▶ Predictive Modeler
- ▶ Healthcare Data Analyst



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)



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

