



Chandigarh University

NAAC A+, UGC-Entitled, NIRF #19, QS World Global Universities #Top
1%

M.Sc (Mathematics)

Type

Pg Program

Mode

Online

Duration

2 Years

Total fees

₹ 76,000

Chandigarh University

Accredited by NAAC with the prestigious A+ Grade in the first cycle itself, CU is an institution committed to excellence in research, innovation, interdisciplinary education and active promotion of promising young talent. CU is the best Online Education University in Punjab, India which couples the experience of top industry leaders and renowned academicians and fosters a worldly approach. CU has been envisioned to provide inspirational and experiential learning through internationally recognized curriculum matching the challenging industrial needs. CU has been emerging as the best Online Education University in Punjab, India and the most preferred destination for the students as well as renowned faculty, and recruiting companies of the country. The university has been bestowed with many awards and recognitions, including Asia's Fastest Growing Private Institution, Outstanding Engineering Institute, and the Limca Book of Records for inviting the most number of companies in a single year for campus placements. The University has signed MoUs with over 250 foreign universities and institutions from countries like USA, Canada, UK, Australia, Italy, Russia, South Korea, Spain, Thailand, etc.

M.Sc (Mathematics)

Highlights

- ◆ UGC-Recognised Degree
- ◆ Curriculum in Pure & Applied Mathematics
- ◆ Covers Algebra, Statistics & Analysis
- ◆ Live Lectures & LMS Access
- ◆ Expert Faculty Guidance
- ◆ Projects & Activities

Learning outcomes

- ◆ Solve Advanced Mathematical Problems
- ◆ Apply Concepts in Real-World Scenarios
- ◆ Interpret Mathematical Data and Models
- ◆ Use Mathematical Tools and Techniques
- ◆ Conduct Independent Mathematical Research

Eligibility Criteria

A candidate shall have passed the qualifying examination of BCA / B.Sc. (Computer Science) / B.Sc. (IT) / B.E. (CSE) / B.Tech. (CSE) / B.E. (IT) / B.Tech. (IT) or passed any graduation degree (e.g.: B.E. / B.Tech. / B.Sc. / B.Com. / B.A. / etc.,) with Mathematics, Business Mathematics, Programming or Statistics at 10+2 level or at Graduation level with 50% aggregate. For students having no Mathematics background compulsory 3 credit bridge course will be offered by the university. Introduction to problem solving will be offered as per University norms.

Curriculum Overview

Semester 1 (4 subjects)

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|-------------------------|----------------------------|
| ◆ Algebra-I | ◆ Differential Equations-I |
| ◆ Mathematical Analysis | ◆ Differential Geometry |
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Semester 2 (4 subjects)

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|-----------------------------------|----------------------|
| ◆ Algebra- II (Rings and Modules) | ◆ Topology-I |
| ◆ Real Analysis | ◆ Complex Analysis-I |
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Semester 3 (4 subjects)

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|-----------------------------|-----------------------|
| ◆ Optimization Techniques-I | ◆ Topology-II |
| ◆ Differential Equations-II | ◆ Complex Analysis-II |



Curriculum Overview (continued)

Semester 4 (4 subjects)

- ◆ Optimization Techniques-II
- ◆ Operations Research
- ◆ Mathematical Statistics
- ◆ Theory Of Linear Operators

Fee Structure

Fee heads	Year 1	Year 2	Total
Admission Fee	₹ 1,000	—	₹ 1,000
Course Fee	₹ 37,500	₹ 37,500	₹ 75,000
Total	₹ 38,500	₹ 37,500	₹ 76,000