

 IILM UNIVERSITY

Greater Noida



UNDERGRADUATE & POSTGRADUATE PROGRAMS
SCHOOL OF SCIENCES (SOS)

DEPARTMENT of MATHEMATICS
SCHOOL of SCIENCES



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IILM University provide students with an education that is both **intellectually stimulating and practically relevant**. We equip learners with the knowledge, skills, and experiences needed to achieve their full potential and make a meaningful difference in the world. Through a wide range of innovative programs, we prepare students for **successful careers** while inspiring them to create a **positive social impact**. True to our values, we foster an inclusive and diverse learning community that is deeply committed to **responsibility, leadership, and lifelong learning**.

SCHOOL of SCIENCES

The **School of Sciences at IILM University, Greater Noida** offers a unique blend of academic rigor, interdisciplinary learning, and industry relevance. With programs such as *B.Sc. Mathematics with Data Analytics*, *M.Sc. Industrial Chemistry*, and *M.Sc. Mathematics with Data Science*, the School equips students with strong theoretical foundations and practical skills. Supported by modern laboratories, research opportunities, internships, and skill-based workshops, students gain real-world exposure and hands-on experience from the very beginning of their academic journey.

Set in a vibrant 26-acre green campus, the School fosters holistic development through cultural events, student clubs, sports, and leadership activities. Highly qualified faculty with PhD backgrounds bring both academic expertise and industry insights to the classroom, while strong industry linkages, global alumni connections, and a legacy of 30+ years ensure excellent career pathways. In essence, the School of Sciences is where **curiosity meets innovation** and students are empowered to become scientists, researchers, and leaders of tomorrow.

M.Sc. (Mathematics with Data Science)

About the Program

Master of Science programme in Mathematics with Data Sciences at IILM University, Greater Noida, aims to help in building foundations in Mathematics, Statistics and Data Science. The programme involves advanced studies of Mathematics and Statistics, thereby laying a strong foundation which would support employability in industry as well as background for research.

While pursuing M. Sc. degree from IILM University, the students will develop practical knowledge, critical thinking, data handling, quantitative aptitude, and conceptual skills. With an objective to foster the analytical skills among the students, M. Sc. (Mathematics with Data Science) course is the best for those who want to formulate the calculative and mathematical approach.

Duration & Eligibility

- Two-year programme, divided into four semesters.
- Bachelor's degree with Mathematics (minimum 45% aggregate)

Mode of Selection

- Admission to this course is offered based on the score/ marks obtained in the graduation exam, solely merit based and fulfilling the eligibility criteria.
- Candidates appearing for final examinations of their Bachelor's programme can also apply and if selected can join the programme provisionally.

Programme Highlights

- The programme involves advanced studies of Mathematics and Statistics, thereby laying a strong foundation which would support employability in industry as well as background for research.
- While pursuing the programme, the students will develop practical knowledge, critical thinking, data handling, quantitative aptitude, and conceptual skills.

Employability

The following career paths are open as a result of pursuing the M.Sc. (Mathematics with Data Science) degree Data Scientist, Banking, Market Researcher, Research Analyst, Foreign Exchange Traders, Production Manager, Investment Researcher, Information Scientist, System Analyst, Market Research Analyst, Academic & Research, Military Operations and many more.



B.Sc. (Mathematics with Data Science)

NEP (National Education Policy) 2020-enabled Curriculum

About the Program

The Bachelor of Science Programme in Mathematics with Data Sciences at IILM University, Greater Noida, focuses on building a strong foundation in Mathematics while emphasizing Data Science. The programme equips students with essential skills in data analysis, machine learning, and programming, preparing them to extract meaningful insights from complex datasets. With a curriculum that blends mathematical theory with practical data science applications, students learn to solve real-world problems using data-driven approaches. This programme is ideal for those looking to excel in the fast-growing field of DataScience.

Eligibility

- Three-year undergraduate programme, divided into six semesters.
- 10+2 with Mathematics as a compulsory subject (minimum 45% aggregate).

Duration

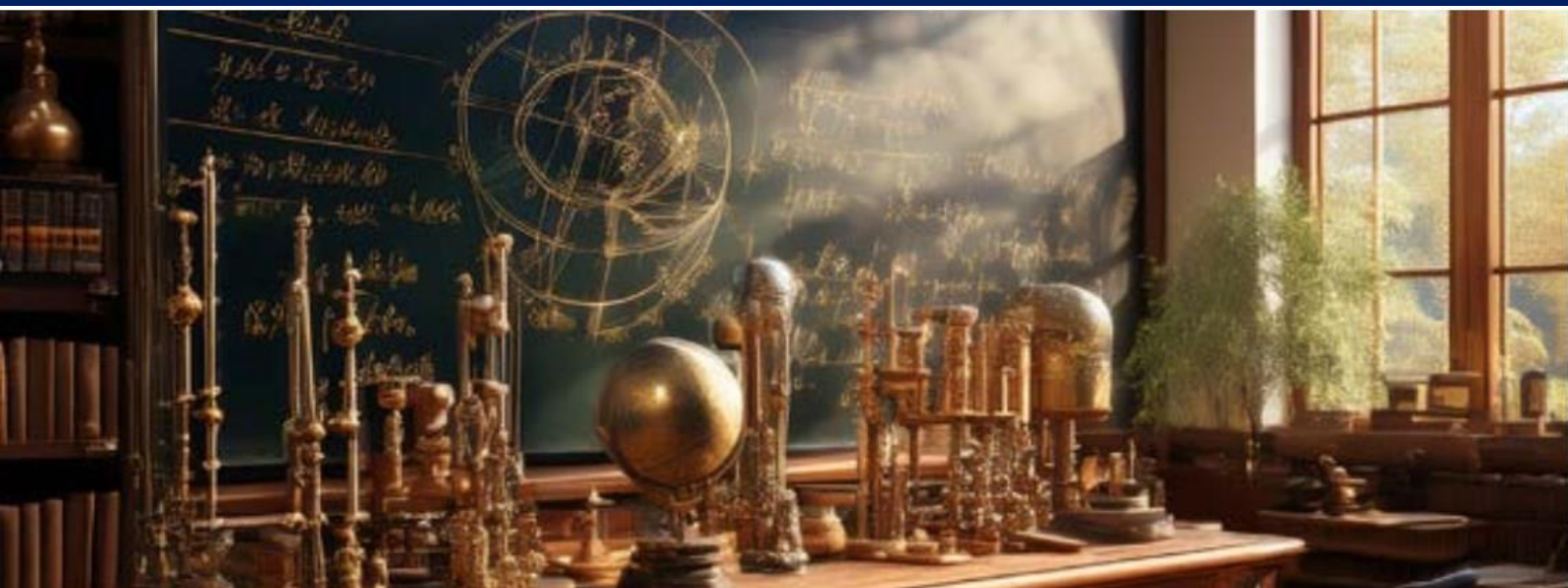
3/4-years (6/8 -Semesters)

Mode of Selection

Admission to this course is based on merit, considering the marks obtained in the qualifying examination.

Programme Highlights

- Comprehensive studies in Mathematics, Statistics, and Data Science, providing a balanced mix of theoretical knowledge and practical application.
- The curriculum is designed to enhance problem-solving skills, data handling abilities, and critical thinking.
- Exposure to modern data analysis tools and programming languages, preparing students for the evolving data-driven industry.
- Skill development through interactive learning, workshops, and projects.



Career Options

Graduates of the BSc (Mathematics with Data Science) programme can pursue diverse career paths, including:

- Data Scientist, Data Analyst
- Market Research Analyst, Financial Analyst
- Statistician, Academic and Research Roles Business Intelligence Analyst
- System Analyst, Military Operations
- Opportunities in banking, investment research, and other data-driven industries.





Apply Now!

For more details, visit our
website

(www.iilm.ac.in) or contact our admission office.