

Prospectus



M.Sc in Mathematics (Professional) Program



Department of Mathematics

Faculty of Science

Jagannath University

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www.jnu.ac.bd

Online Application: <https://jnu.ac.bd/dept/portal/web/mathematics>

01. Preamble:

Department of Mathematics, Jagannath University is going to offer M.Sc in Mathematics (Professional) program to prepare skilled and qualified professionals especially for recent job markets. The curricula will be formulated by teaching methodologies based on credible thinking to help students in maximizing their performance.

We have a good number of outstanding faculty members here in the department and we are confident enough in accomplishing our mission and looking forward to an ever-bright professional future of our beloved country.

In order to fulfill the M.Sc degree requirements, a student must achieve a total of 38 credit hours with a minimum CGPA 2.50, Students should take 27 credit hours theory course work (09 Courses), 06 credit hours Lab work, 03 credit project work and 02 credit viva-voce. The length of study is divided into 2 (two) semesters (6 months per semester). The maximum length of study is 5 (five) years. All courses are to be taught in the weekend and elected from the course offered in the M.Sc in Mathematics (Professional) Program.

02. Title of the Program and Name of the Degree:

This program is known as M.Sc in Mathematics (Professional) Program and students after completing all the requirements of program will get degree Master of Science in Mathematics (Professional) from the University.

03. Objectives of the M.Sc in Mathematics (Professional) Program:

One of the major objectives of the M.Sc in Mathematics (Professional) Program of the department is to gather knowledge of the students/professionals in different functional areas of Mathematics.

The Specific objectives of the program are:

- To prepare the students of different Mathematics related background with the necessary skills and techniques for developing career in the field of chemical sciences.
- To promote the students' perceptions various functional areas of Mathematics and developing their understanding of interrelationships among them.
- To prepare the skilled and qualified Mathematics professionals not only for local market but also for the global market.
- To develop the critical thinking, interpersonal communication skills and leadership qualities of the students to enable them to work efficiently and effectively.

04. Admission Requirements and Procedures:

Eligibility for submission of application for the Admission Test are as follows:

- (a) S.S.C./equivalent and H.S.C./equivalent in science group with minimum GPA 2.50 out of 5.0 for each category or second division approved as per government rule or by the Academic Committee of the Department of Mathematics.
- (b) Having a B.Sc. (Hon's) degree in Mathematics/Physics/Statistics/Computer Science/any Engineering Equivalent degree or B.Sc. (Pass) degree including Mathematics Courses with at least CGPA 2.25 out of 4.0 or 2nd class approved by the equivalence Committee of the Department of Mathematics.

Total marks allocated for assessing the application to determine eligibility for admission in M.Sc in Mathematics (Professional) Program as under:

Total Marks	50 (MCQ: 30 + Written: 20)
Allocation Time	01 Hour

06. Admission Test:

Total marks of written test are 50. The test will cover the areas of Calculus, Algebra and Two Dimensional Geometry. Candidates are required to qualify the written test. Qualifying mark is 40%. Use of calculator or other devices are strictly prohibited in the Exam Hall.

07. Viva-Voce:

Viva-Voce will be conducted under arrangement of predesigned Interview Board. All Candidates must have to bring all original academic certificates, marks sheet/transcripts and admit card of admission test.

08. Selection for Admission:

Student for admission shall be selected on the basis of the admission test and viva-voce.

09. Seat Capacity:

Hundred (100) students will be admitted in one intake consisting of two (02) sections [class size will be maximum 50 (fifty) students]. Number of students/seats may be changed in course of time.

10. Academic Year and Semester:

The academic year is divided into two semesters as under:

Semesters	Duration
Spring	January to June
Fall	July to December

Sl.	Head	Rate (BDT.)*
1.	Registration Fee	: Tk. 10,000 (at the time of admission)
2.	Semester Fee	: Tk. 4,500 (each semester)
3.	Seminar Fee	: Tk. 3,000 (each semester)
4.	Lab Fee	: Tk. 3,000 (each Semester)
5.	Course Fee (Total 38 Credits)	: Tk. 2,500 (per credit)
6.	Improvement/Incomplete	: Tk. 2,000 per course
7.	Make-up Mid-Term Examination Fee	: Tk. 1,000 per course
8.	Admission Form	: Tk. 1,000 (at the time of admission)

Total cost will be approximately Tk. 1,26,000/- (One Lac Twenty Six Thousand only) payable at two semesters.

** All fees and charges are subject to change

Special waiver: 25% discount for the students of 3rd batch. After discount the total cost will be approximately Tk. **94,500/- (Ninety Four Thousand Five Hundred Only)** payable at two semesters.

Bikash No. for Application Fee Payment: 01711486699