

UNIVERSITY OF DHAKA
MS in Theoretical and Computational Chemistry
Admission Announcement
(4th Batch, Session: 2019-2020)

Department of Theoretical and Computational Chemistry (TCChem)
(This is NOT an Evening Program)

Applications are invited from prospective students to join a full-time **regular MS program** in Theoretical and Computational Chemistry. The duration of the program is one academic year. There are thirty seats. Applicants must satisfy the following requirements:

- Four years of graduation in Chemistry, Applied Chemistry, Biochemistry, Pharmacy, Physics, Geology, "Soil, Water & Environment", Chemical Engineering, Microbiology, Genetic Engineering and Biotechnology, Textile Engineering, Engineering from any Discipline of "Leather engineering & Technology".
- Applicants who have earned 4 years BS/BSc(Honors)/BSc Engineering from public universities must have minimum CGPA 2.50 out of 4.00 and applicants from private universities must have minimum CGPA 3.00 out of 4.00. Students from private universities which are black listed by UGC are **NOT** eligible to apply.
- Students from public universities who have completed all examinations of 4 years program but their result has not been published yet can apply giving their "Appeared" certificate. But the selected candidates will have to submit "BS/BSc(Honors)/BSc Engineering" passed certificate before admission.
- Applicants must have a minimum First Division or GPA 3.50 out of 5.00 or equivalent grades in both SSC and HSC or in equivalent examinations.
- Students who are currently studying MS/MSc can also apply but the students who have already appeared or passed MS/MSc are **NOT** eligible to apply.

An admission test will be taken on physical, inorganic and organic chemistry; Differential calculus and Integral calculus.

Short Syllabus for Admission Test:

- Inorganic Chemistry (excluding Nuclear Chemistry)
- Organic Chemistry (excluding Natural products chemistry, Industrial Chemistry)
- Physical Chemistry (excluding Solid state chemistry, Surface and Colloid chemistry, Quantum chemistry, Statistical mechanics)
- Fundamental of IR, NMR and UV-Visible spectroscopy (excluding Chromatography, AAS)
- Differential and Integral Calculus



Marks Distribution:

Multiple Choice Questions (MCQ)	: 60 marks
Mathematical problems of Chemistry	: 24 marks
Differential and Integral Calculus	: 16 marks

How to Apply

- The application form will be available online at www.du.ac.bd/academic/department_item/TCC
- Application fee of Tk. 500.00 (Five Hundred Taka) has to be paid by depositing to the **Account No. 0200009822590 of Agrani Bank Ltd (any branch).**

Where to Submit

Send **scanned** copy of the following to the email address: saifulzana@du.ac.bd

- dully filled-in application form
- mark/grade sheets of all examinations
- bank receipt of payment

Admit Card

Scanned copy of the admit card will be sent to your email address.

Important Dates

Last date of submission of Application	: 7 th June 2021, Monday, 12:00 pm (night)
Date of Admission Test	: 9 th June 2021, Wednesday, 11:00 am – 1:00 pm
Duration of Admission Test	: 2.0 (two) hours

Place of Admission Test: Dhaka University Campus

Please contact for any further enquiry

Dr Md Saiful Islam, 01712 17 39 66



Professor Dr. Md. Saiful Islam
Chairman
Department of Theoretical and
Computational Chemistry
University of Dhaka