

### Fees and Others

Application Fee: BDT 2200/= (excluding online service charge).

This is a regular M.Sc. program, so only the usual fees are applicable as set by the University of Dhaka. No additional fees are required.

### Degree Requirements

To earn an M.Sc. degree in Electrical and Electronic Engineering, students must:

- Successfully complete a total of 36 credits in 3 semesters.
- Achieve a minimum grade of "D" in each course.
- Maintain a minimum Cumulative Grade Point Average (CGPA) of 2.50 out of 4.00.

### Others

- The registration is valid for three academic sessions from the date of admission.
- Students having attendance below 60% will not be eligible to appear in final examination.
- By submitting an application for admission, applicants are confirming their commitment to adhere to all existing rules and regulations of the department, faculty, and university, as well as any future decisions made by the above mentioned bodies.
- This brochure serves as an integral part of the course regulations.



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### Online Application

Applicants must visit the following website: <https://du-eee.admission-aid.com> for submitting an application.

The online application portal will be available from **10 April 2025 to 08 May 2025**.

For online submission, applicants must pay BDT 2200/= (excluding online service charge).

### Important Dates

Online application

10 April 2025 – 08 May 2025

Written test

24 May 2025 Saturday  
10:00 am – 12:00 pm

Result publication

02 June 2025 Monday

Viva Voce

21 June 2025 Saturday  
10:00 am – 12:00 pm

List of Selected Candidates

24 June 2025 Tuesday

Last date of admission

30 June 2025 Monday

Class starts

02 July 2025 Wednesday



Dept. of Electrical and Electronic Engineering  
University of Dhaka, Dhaka-1000  
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Mobile: +8801511790786  
Contact Hour (working day): 9:00 AM - 5:00 PM  
Email: [office.eee@du.ac.bd](mailto:office.eee@du.ac.bd)  
Website: [du.ac.bd/body/EEE](http://du.ac.bd/body/EEE)

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## M.Sc. Program in Electrical and Electronic Engineering (EEE)

Information for Admission  
Session: 2024-2025



Dept. of Electrical and Electronic  
Engineering  
Faculty of Engineering & Technology  
University of Dhaka

## About Dept. of EEE, DU

The history of the Department of Electrical and Electronic Engineering is a narrative of response to society's call. In September 1965, the Department of Applied Physics was opened to meet the demand for higher studies in different areas of electronics. Later, the course curriculum was upgraded, and the department was renamed as the Department of Applied Physics & Electronics in 1974.

To meet the increasing demand of the 21st century in electronics and communication engineering and to facilitate further development in these areas, the syllabus was updated again, and the department was renamed the Department of Applied Physics, Electronics & Communication Engineering in October 2005. This department became part of the Faculty of Engineering & Technology in June 2008. With an updated curriculum, the department was renamed the Department of Electrical and Electronic Engineering in January 2015.

At present the department offers B.Sc., M.Sc., and Ph.D. degrees in Electrical and Electronic Engineering.



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## Program Objective

The main objective of this program is to prepare the graduates having high level of research oriented knowledge and technical skills that are suitable for the academia and industry. The advanced knowledge, and study related to cutting-edge research within EEE domain is required for R&D or PhD. Therefore, the program is designed with coursework, research, and a thesis or project to develop the advanced skill set in electronics, communications, instrumentation and power systems.

## Basic Structure of M.Sc. Program

- Class time: Sunday – Thursday 8:30 am – 5:00 pm
- Semester: 3 (6 months each)
- Total credits: 36 (1 credit = 15 contact hours)
- Available Streams:

- Electronics and Materials Science
- Communications and Signal Processing
- Instrumentation and Control
- Power Systems Engineering

The streams offered in each session will depend on the available resources and the total number of students enrolled for that session.

- Groups: i) Thesis, and ii) Project (based on B.Sc. and admission test results).

## Enrollment Requirement

- Applicants must have a B.Sc. degree in any of the following disciplines:

- Electrical and Electronic Engineering (EEE)
- Electronics and Telecommunication Engg (ETE)
- Applied Physics, Electronics and Communication Engineering (APECE)
- Applied Physics and Electronics (APE)
- Computer Science and Engineering (CSE)
- Robotics and Mechatronics Engineering (RME)
- Information and Communication Engineering (ICE)
- Information and Communication Technology (ICT)
- Electronics and Communication Engineering (ECE)
- Biomedical Engineering (BME)
- Materials Science and Engineering (MSE)
- Physics
- Nuclear Engineering (NE)

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- Candidates should have minimum GPA 3.50 in both SSC and HSC exam with total minimum GPA 8.00.
- Applicants having O/A level or foreign degree should contact the EEE office before applying.
- Candidates should have minimum CGPA 3.25 out of 4.00 in B.Sc. exam.
- Students must not have any third class/division in any exam.
- The B.Sc. passing (final) year of the candidate must not be later than 2022-23 session.

## Selection of Candidates

Candidates shall be selected on the basis of merit. Applicants will be evaluated and selected based on a written admission test. It will be a comprehensive test of  $15 \times 6 = 90$  marks equally distributed in the following six subjects.

- Engineering Physics (Electricity & Magnetism, Modern Physics, Optics, Materials Science)
- Electronics (Analog and Digital)
- Electrical Circuits (AC and DC)
- Electrical Power and Machines
- Computer Fundamentals (Hardware and Software)
- Communications and Signal Processing

The pass mark of the written test is 36 (40%). Qualified candidates will have to appear in a Viva Voce examination worth 10 marks. During this examination, their proficiency in English, attitude, motivation, goals, and career plans will be evaluated.

## Career Prospects

Statistics show that the overall employment of EEE graduates is projected to grow 9% from 2023 to 2033, much faster than the average for all occupations. The advancement of technology in the last decade and the necessity of new electrical/electronic equipment's creates wide array of job prospects, such as in Electronics and Manufacturing, VLSI, IC Fabrication, Telecommunications, Signal Processing, Automation and Robotics, Power Generation and Distribution, Renewable Energy and Nuclear Power. Also the integration of electronics and software creates job in the software and IT sector.

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