



Admission into Postgraduate Programs Semester: April 2017

Applications are invited for admission into the following postgraduate programs for **April 2017 Semester**. To apply for admission, an applicant must complete the online Application Form using the website <http://www.buet.ac.bd>, and submit the hardcopy of the completed Application Form together with the supporting documents (as described below) to the Registrar's Office, BUET within the period from **04.03.2017 to 19.03.2017** during office hours (9:00 am to 5:00 pm).

A) Doctor of Philosophy (Ph.D.) Degree Offered by the Departments/ Institutes:

Architecture, Chemical Engineering, Chemistry, Civil Engineering, Computer Science and Engineering, Electrical and Electronic Engineering, Industrial and production Engineering, Mathematics, Mechanical Engineering, Materials and Metallurgical Engineering, Naval Architecture and Marine Engineering, Petroleum and Mineral Resources Engineering, Physics, Urban and Regional Planning, Water Resources Engineering, Glass and Ceramic Engineering, Institute of Water and Flood Management.

B) Master of Philosophy (M.Phil.) Degree in

Chemistry, Mathematics and Physics.

C) Masters Degree Programs:

- (i) M.Sc.Engg. / M.Engg. in Chemical Engineering, Civil Engineering(Environmental), Civil Engineering (Geotechnical), Civil Engineering (Structural), Civil Engineering (Transportation), Environmental Engineering, Computer Science and Engineering, Electrical and Electronic Engineering, Industrial and Production Engineering, Advanced Engineering Management, Mechanical Engineering, Materials and Metallurgical Engineering, Naval Architecture and Marine Engineering, Petroleum and Mineral Resources Engineering, Water Resources Engineering, Glass and Ceramic Engineering, Information and Communication Technology.
- (ii) M. Arch. in Architecture
- (iii) M. Sc in Chemistry, Mathematics, Physics, Materials Science, Glass and Ceramic Science (GCS).
- (iv) MURP in Urban and Regional Planning by Course and Thesis
- (v) M.Sc. in Water Resources Development
- (vi) M. Sc in Management of Technology

D) Post Graduate Diploma in

Water Resources Development
Information and Communication Technology

Important Information

- Upon submission of the online application through the website of BUET (<http://www.buet.ac.bd>), the printed copy of the completed Application Form together with the following supporting documents must be submitted to the Registrar's Office, BUET within the period from **04.03.2017 to 19.03.2017** during office hours (9:00 am to 5:00 pm) to complete the application procedure.
 1. Cash payment of Tk. 500/- (Five Hundred) as application fee (non-refundable).
 2. Two attested copies of recent passport-size color photographs (applicant's name must be written on the reverse side of each photograph).
 3. Attested copies of certificates of all public examinations.
 4. Attested copies of transcripts/ grade-sheets/ mark-sheets of degrees obtained.
 5. Attested copies of testimonial/ character certificate from the institution last attended.
 6. Letter of Consent, in prescribed form, from the employer for applicants in employment.
- Prospectus containing detailed qualification requirements for admission into different programs and information regarding the submission of application is available at <http://www.buet.ac.bd>
- Applicants in employment whether part-time or full-time must apply through their employers for both part-time and full-time enrollments.
- **Incomplete applications (submitted online but no hardcopy of the Application Form together with all supporting documents submitted to Registrar's Office, BUET) will not be accepted.**
- **Applications submitted by mail will not be accepted.**
- Selection of candidates for admission into a postgraduate program is performed by respective department/ institute. The selection procedure may vary from one department to another. Candidates are advised to contact the respective department/ institute for information regarding the selection procedure.
- A few Teaching Assistantships/ Fellowships may be awarded to suitable full-time students.
- Degrees obtained from institutions other than BUET will be subjected to equivalence by appropriate authority of BUET before a candidate is finally selected for admission to a degree/diploma program.
- **Last date for submission of the application is 19.03.2017 and classes will commence from 29.04.2017.**



Prospectus for Admission into Postgraduate Programs

Website for Online Application: <http://www.buet.ac.bd>

A. The postgraduate degrees and diplomas offered by different Departments and Institutes for April 2017 Semester are mentioned below.

1. Doctor of Philosophy (Ph.D.) Degree Offered by

Departments/ Institutes	
Architecture	Materials and Metallurgical Engineering
Chemical Engineering	Naval Architecture and Marine Engineering
Chemistry	Petroleum and Mineral Resources Engineering
Civil Engineering	Physics
Computer Science and Engineering	Urban and Regional Planning
Electrical and Electronic Engineering	Water Resources Engineering
Industrial and Production Engineering	Glass and Ceramic Engineering
Mathematics	Institute of Water and Flood Management
Mechanical Engineering	

2. Master of Philosophy (M. Phil.) Degree in

Chemistry	Mathematics	Physics
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3. Masters Degree Programs:

Departments/ Institutes	Degrees Offered
Dept. of Architecture	Master of Architecture
Dept. of Chemical Engineering	Master of Science in Chemical Engineering Master of Engineering in Chemical Engineering
Dept. of Chemistry	Master of Science in Chemistry
Dept. of Civil Engineering	Master of Science in Civil Engineering (Environmental) Master of Science in Civil Engineering (Geotechnical) Master of Science in Civil Engineering (Structural) Master of Science in Civil Engineering (Transportation) Master of Science in Environmental Engineering Master of Engineering in Civil Engineering (Environmental) Master of Engineering in Civil Engineering (Geotechnical) Master of Engineering in Civil Engineering (Structural) Master of Engineering in Civil Engineering (Transportation) Master of Engineering in Environmental Engineering
Dept. of Computer Science and Engineering	Master of Science in Computer Science and Engineering Master of Engineering in Computer Science and Engineering
Dept. of Electrical and Electronic Engineering	Master of Science in Electrical and Electronic Engineering Master of Engineering in Electrical and Electronic Engineering
Dept. of Industrial and Production Engineering	Master of Science in Industrial and Production Engineering Master of Engineering in Industrial and Production Engineering Master of Science in Advanced Engineering Management Master of Engineering in Advanced Engineering Management
Dept. of Mathematics	Master of Science in Mathematics
Dept. of Mechanical Engineering	Master of Science in Mechanical Engineering Master of Engineering in Mechanical Engineering
Dept. of Materials and Metallurgical Engineering	Master of Science in Materials and Metallurgical Engineering Master of Engineering in Materials and Metallurgical Engineering Master of Science in Materials Science
Dept. of Naval Architecture and Marine Engineering	Master of Science in Naval Architecture and Marine Engineering Master of Engineering in Naval Architecture and Marine Engineering
Dept. of Petroleum and Mineral Resources Engineering	Master of Science in Petroleum and Mineral Resources Engineering Master of Engineering in Petroleum and Mineral Resources Engineering
Dept. of Physics	Master of Science in Physics
Dept. of Urban and Regional Planning	Master of Urban and Regional Planning by Course and Thesis Master of Urban and Regional Planning by Course and Project
Dept. of Water Resources Engineering	Master of Science in Water Resources Engineering Master of Engineering in Water Resources Engineering
Dept. of Glass and Ceramic Engineering	M. Sc. Engineering in GCE (Glass and Ceramic Engineering) Master of Engineering in GCE (Glass and Ceramic Engineering) Master of Science in GCS (Glass and Ceramic Science)
Institute of Water and Flood Management (IWFM)	Master of Science in Water Resources Development
Institute of Information and Communication Technology (IICT)	Master of Science in Information and Communication Technology Master of Engineering in Information and Communication Technology

For admission to the courses leading to a Ph.D. degree an applicant

- a) must have a minimum GPA of 3.50 out of 5.00 or a first division or equivalent in any one of S.S.C. and H.S.C. or in equivalent examinations and must not have a GPA less than 2.00 out of 5.00 or a third division or equivalent in any of the aforementioned examinations.
- b) must have at least 50% marks or a minimum GPA of 2.50 out of 4.00 or its equivalent in B.Sc. Engg./ four-year B.A. or B.Sc. or B.S. degree/ M.A. or M. Sc. or M. S. or MSS degree/ B. Arch./ BURP in the relevant branch.
- c) must have a minimum GPA of 2.75 out of 4.00 or its equivalent in M.Sc. Engg./ M.Engg./ M.Phil./ MURP/ M.Arch./ M.Sc.(WRD)/MBA/ M.Sc. (Thesis) / M.S. (Thesis) degree in the relevant branch.
- d) Specific requirements for different Departments and Institutes are spelt out in the following sections.

- For engineering, the minimum qualification for admission shall normally be an M.Sc. Engg./ M.Engg. degree in the appropriate branch of engineering or its equivalent from any recognized Institution.
- For Advanced Engineering Management (AEM) in IPE department, the minimum qualification for admission shall normally be an M.Sc. Engg. /M. Engg. in IPE/AEM or its equivalent from a recognized Institution or MBA degree or its equivalent from a public university.
- For Materials and Metallurgical Engineering, applicants having an M. Phil. in Materials Science or its equivalent from a recognized Institution may also be eligible for admission.
- For Urban and Regional Planning, the minimum qualification for admission shall normally be an MURP degree or its equivalent from any recognized Institution.
- For Architecture, the minimum qualification for admission shall normally be an M. Arch. degree or its equivalent from any recognized Institution.
- For Chemistry, the minimum qualification for admission shall normally be a four-year Bachelor's degree plus three- semester M.Sc./ M.S.degree with thesis / four-year Bachelor's degree plus two semester M.Sc. / M.S. with thesis /M. Phil. degree in Chemistry/ Applied Chemistry/Biochemistry/Pharmacy/Food and Nutrition or its equivalent from any recognized Institution.

OR

M.Sc.Engg. in Chemical/ Materials and Metallurgical/ Electrical and Electronic/ Mechanical/Civil/Environmental /Textile Engineering.

A candidate enrolled in the Ph.D program having two semester M.Sc./M.S. degree with thesis have to complete additional courses of 12 Credit Hours with minimum GPA of 2.75 out of 4.

- For Mathematics, the minimum qualification for admission shall normally be a four-year Bachelor's degree plus three semester M. Sc./M. S. degree with thesis/ four year Bachelor's degree plus two semester M. Sc./M. S. degree with thesis/ M. Phil. degree in Mathematics/Applied Mathematics or its equivalent from any recognized Institution.

OR

M.Sc. Engg. degree provided he / she completes some prerequisite courses in Mathematics as determined by a Selection Committee.

A candidate enrolled in the Ph. D. program having two semester M. Sc./M. S. degree with thesis have to complete additional courses of 12 credit hours with minimum GPA of 2.75 out of 4.

- For Physics, the minimum qualification for admission shall normally be a four-year Bachelor's degree plus three-semester M.Sc. or M.S. degree with thesis / four-year Bachelor's degree plus two-semester M.Sc. or M.S. degree with thesis / M. Phil. degree in Physics or its equivalent from any recognized institution.

OR

M.Sc. Engg. degree in Electrical & Electronic/ Materials & Metallurgical Engineering or its equivalent.

A candidate enrolled in the Ph.D. program having two-semester M.Sc. / M.S. degree with thesis in Physics have to complete additional courses of 12 credit hours with minimum GPA of 2.75 out of 4.00.

- For Glass and Ceramic Engineering, applicants having an M.Sc. in Glass and Ceramic Science (GCS), Material Science with a duration of at least 3 semesters (Eighteen months), or its equivalent from a recognized institution may also be eligible for admission.
- For Water Resources Development, the minimum qualification for admission shall normally be an M.Sc. Engg./M. Engg. degree in Civil Engineering/ Water Resources Engineering/ Environmental Engineering/ Agricultural Engineering or M. Sc. degree in Water Resource Development or its equivalent from any recognized Institution.

M.Sc.(WRD) degree at this University and showing excellent progress and promise in thesis work may be provisionally transferred to the Ph.D. degree program after completion of M.Sc. Engg./ M.Phil./ M.Sc / MS/ MURP/ M.Arch./ M.Sc.(WRD) course work with a minimum GPA of 3.00 out of 4.00 on approval of the Committee for Advanced Studies and Research (CASR) on the recommendation of the relevant Board of Post Graduate Studies (BPGS)/Research and Academic Committee (RAC).

C. Admission Requirements for Master of Philosophy (M.Phil.) Degree:

For admission to the courses leading to a M. Phil degree an applicant

- a) must have a minimum GPA of 3.50 out of 5.00 or a first division or equivalent in any one of S.S.C. and H.S.C. or in equivalent examinations and must not have a GPA less than 2.00 out of 5.00 or a third division or equivalent in any of the aforementioned examinations.
- b) must have at least 50% marks or a minimum GPA of 2.50 out of 4.00 or its equivalent in B.Sc. Engg./ four-year B.A. or B.Sc. degree/ M.A. or M. Sc. or MSS degree in the relevant branch.
- c) Specific requirements for different departments are spelt out in the following sections:
 - For admission to the course leading to the award of M. Phil degree in Chemistry, an applicant must have obtained a four-year B. A/ B.Sc. degree (or equivalent) or M. Sc. degree with Honors in Chemistry (Organic, Physical, Inorganic) or Applied Chemistry or B.Sc. Engineering degree in Chemical/ Mechanical/ Electrical and Electronic/ Materials and Metallurgical Engineering. An applicant with M. Sc. degree but not having a Bachelor (honors) degree in Chemistry or Applied Chemistry should have a first class (or equivalent) in the M. Sc. degree.
 - For admission to the course leading to the award of M. Phil. degree in Mathematics, an applicant must have obtained a four-year B.A/ B.Sc. degree or M.A./ M.Sc. degree with Honors in Mathematics or Applied Mathematics. Applicants with M.Sc. degree in Physics or B.Sc. Engineering degree are also eligible provided they complete some prerequisite courses in Mathematics as determined by a Selection Committee. An applicant with M.A./ M. Sc. but not having a Bachelor (honors) degree in mathematics, applied mathematics or physics should have a first class (or equivalent) in the M.A./ M. Sc. degree.
 - For admission to the course leading to the award of M. Phil degree in Physics, an applicant must have a four-year B. A/ B.Sc. degree (or equivalent) with Honors or M.Sc. degree in Physics or applied Physics or B.Sc. Engineering in Electrical and Electronic/ Materials and Metallurgical Engineering. An applicant with M. Sc. degree (or equivalent) but not having a Bachelor (honors) degree in Physics or applied Physics should have a first class (or equivalent) in the M. Sc degree.

D. Admission Requirements for Masters Degree Programs [(M.Sc.Engg./M.Engg./ M.Arch./MURP/ M.Sc.(WRD)/M.Sc (Management of Technology)/ M.Sc(Mat.Sc./Chemistry/Math/Physics/GCS)]:

For admission to the courses leading to a Master's degree (M.Sc. Engg./ M.Engg./ M.Arch./ MURP/ M.Sc.) an applicant

- a) must have a minimum GPA of 3.50 out of 5.00 or a first division or equivalent in any one of S.S.C. and H.S.C. or in equivalent examinations and must not have a GPA less than 2.00 out of 5.00 or a third division or equivalent in any of the aforementioned examinations.
- b) must have at least 50% marks or a minimum GPA of 2.50 out of 4.00 or its equivalent in four years B.A./B.S./B.Sc (Hons.)/B.Sc Engg./B.Tech./MA or M. Sc. or MSS/ B. Arch./ BURP in the relevant branch.
- c) Specific requirements for different departments and institutes are spelt out in the following sections:
 - For admission to the courses leading to the degree of M.Sc. Engg./M.Engg. in any branch, an applicant must have obtained a B.Sc. Engg. degree in the relevant branch or an equivalent degree from any recognized institution. An applicant with a B.Sc. Engg. degree in other branches of engineering may also be eligible for admission to the courses leading to the degree of M.Sc. Engg. (Environmental)/ M. Engg. (Environmental), M.Sc Engg. (GCE)/ M.Sc. Engg. (AEM)/M. Engg. (AEM) and M. Sc. Engg (MM)/ M. Engg. (MM). In such cases, the selected candidate may be required to undertake non-credit prerequisite courses at the undergraduate and/ or postgraduate level as may be determined by the BPGS of Civil Engineering Department, Glass and Ceramic Engineering Department, Industrial and Production Engineering Department and Materials and Metallurgical Engineering Department respectively.
 - For admission to the courses leading to the degree of M.Arch. an applicant must have obtained a B. Arch degree or its equivalent degree from any recognized institution.
 - For admission to the courses leading to the degree of MURP, an applicant must have either a Bachelor's degree in Urban and Regional Planning/ Architecture/ Engineering/ Agricultural Economics or a four-year Bachelor's degree in Mathematics/ Statistics/ Physics/ Public Administration/ Sociology/ Social Work/ Geography/ Economics or its equivalent from any recognized institution.

OR

