

# DEPARTMENT OF PHARMACY



The University is approved and recognized by the Ministry of Education, Government of the People's Republic of Bangladesh and the University Grants Commission (UGC) of Bangladesh. It is a leading university for utilitarian education. The University has so far produced as many as 12000 graduates in its eleven departments covering twenty five programs. None of its degree holders are unemployed implying its commitment to offer up to-date and quality education.

The vision of the University is to create leaders who will make their brain the tiniest laboratory capable of making enormous contributions to economic emancipation and social well-being.

## Bachelor of Pharmacy (B.Pharm):

The Department of Pharmacy of the World University of Bangladesh offers the degree of B. Pharm. (Hons). Bachelor of Pharmacy (Hons) is a four-year course that has been designed for students to acquire sufficient knowledge on the principles & techniques of the pharmaceutical sciences as well as theoretical courses. This Program aims to provide students with the modern & broad-based education in pharmaceutical science & to prepare them as well-trained pharmacy professionals to meet the demand of the pharmacy profession as practiced all over the world. Their technical know-how to develop their ability to practice as skilled & competent pharmacists both home & abroad and in any field of the wide spectrum of allied pharmacy profession is highly rated. Pharmacy Graduates can get jobs/scholarships abroad easily. It should be dear that this diversity of pharmacy is one of its chief strengths.

*We are planning to launch M.Pharm. Program as early as possible*

## Objective of B.Pharm Program :

- ◆ Equipping candidates with the knowledge of identification, formulation, preparation, standardization, quality control and use of drugs and medicine.
- ◆ Enabling the candidate to obtain gainful self or salaried employment in pharmaceutical business or industries.
- ◆ Developing the competence in the practical application of techniques and methods of different trenches of pharmacy that will help the sector to be competitive at least regionally.
- ◆ Encouraging research in various fields of pharmacy to develop better techniques for production, quality control, and standardization of drugs and medicines.

**Credit Hours & Duration : Minimum 164 credit hours (duration 4 years)**

## Admission Requirements :

2nd division or GPA of 2.50 in SS.O & HS.Cseparatelyor total GPAof 6.00 with minimum GPA of 2.00 either in S.S.C or in H.S.C.or total GPA of 5.00 in SS.C & H.S.C for wards of the freedom fighters or equivalent with a total of 12 years of education. Must have Physics, Chemistry, Biology & Mathematics at the Pre-University Level. Candidates without Mathematics at the Pre-University Level shall be required to take additional 6 Credits on mathematics.





## Course Structure:

### Year: 1, Semester 1:

Course Name	Credit Hours
Functional English	3
Basic Mathematics	3
Computer Science	3
Inorganic Pharmacy-I	3
Inorganic Pharmacy-I-Lab	1
Organic Pharmacy	3
Organic Pharmacy-Lab	1
Pharmacognosy-I	3
Pharmacognosy-I-Lab	1
Bengali language, literature & culture	3

### Year: 1, Semester 2:

Course Name	Credit Hours
Inorganic Pharmacy-II	3
Inorganic Pharmacy-II-Lab	1
Physical Pharmacy-I	3
Physical Pharmacy-I-Lab	1
Physiology-I	3
Physiology-I-Lab	1
Pharmaceutical Microbiology-I	3
Pharmaceutical Microbiology-I-Lab	1
Basic Anatomy	2
Oral Assessment-I	1
Professional Communication	3

### Year: 3, Semester 1:

Course Name	Credit Hours
Medicinal Chemistry-I	3
Pharmacology-II	3
Pharmacology-II-Lab	1
Pharmaceutical Technology-II	3
Pharmaceutical Technology-II-Lab	1
Biopharmaceutics & Pharmacokinetics-I	3
Biopharmaceutics & Pharmacokinetics-I-Lab	1
Pharmaceutical Marketing	3

### Year: 3, Semester 2:

Course Name	Credit Hours
Pharmaceutical Analysis-II	3
Pharmaceutical Analysis-II-Lab	1
Medicinal Chemistry-II	3
Medicinal Chemistry-II-Lab	1
Pharmaceutical Engineering	3
Biopharmaceutics & Pharmacokinetics-II	3
Biopharmaceutics & Pharmacokinetic-II-Lab	1
Pharmaceutical Management	3
Principles of Sociology	2
Oral Assessment-III	1

### Year: 2, Semester 1:

Course Name	Credit Hours
Physical Pharmacy-II	3
Physical Pharmacy-II-Lab	1
Biochemistry and Molecular biology	3
Biochemistry and Molecular biology-Lab	1
Pharmaceutical Microbiology -II	3
Physiology-II	3
Physiology-II-Lab	1
Pharmacognosy-II	3
Pharmacognosy-II Lab	1
Bangladesh studies	3

### Year: 2, Semester 2:

Course Name	Credit Hours
Pharmaceutical Analysis-I	3
Pharmaceutical Analysis-I-Lab	1
Pharmaceutical Technology-I	3
Pharmaceutical Technology-I Lab	1
Pharmacology-I	3
Pharmacology-I Lab	1
Clinical Pathology	2
Biostatistics	3
Biostatistics Lab	1
Oral Assessment-II	1

### Year: 4, Semester 1:

Course Name	Credit Hours
Medicinal Chemistry-III	3
Medicinal Chemistry-III-Lab	1
Pharmaceutical Technology-II	3
Pharmaceutical Technology-III-Lab	1
Pharmaceutical Biotechnolgy	3
Cosmetology	3
Cosmetology-Lab	1
Clinical Pharmacy & Toxicology	3
Thesis or Project	

### Year: 4, Semester 2:

Course Name	Credit Hours
Advanced Pharmaceutical Analysis	3
Pharmaceutical Quality Control & Analytical Method Validation	2
Pharmacology-III	3
Pharmacology-II-Lab	1
Hospital and community pharmacy	3
Pharmacy Practice in Bangladesh	3
Industrial Training	1
Oral Assessment-IV	1

## Course Waiver:

Course may be exempted for candidates beyond 12 years of education and they may complete the course in less 4 Years.

## Pharmacy Laboratory :

- \* Pharmaceutical Physical Chemistry & Pharmaceutical Analysis Lab.
- \* Pharmaceutical Technology Lab.
- \* Biopharmaceutics & Cosmetology Lab.
- \* Pharmaceutical Microbiology Lab.
- \* Pharmaceutical Inorganic & Organic Chemistry Lab.
- \* Phytochemistry & Medicinal Chemistry Lab.
- \* Physiology & Pharmacology Lab.
- \* Pharmaceutical Chemistry Research Lab.
- \* Animal House
- \* Pharmacy Browsing Lab.



## Career Opportunities :

- |                                                        |                         |
|--------------------------------------------------------|-------------------------|
| * Pharmaceutical Formulation and Manufacturing         | * Community Pharmacy    |
| * Pharmaceutical Quality Assurance and Quality Control | * Veterinary Pharmacy   |
| * Pharmaceutical Research & Development                | * Academia              |
| * Pharmaceutical Marketing & Management                | * Research Institutions |
| * Pharmaceutical Human Resources                       | * Regulatory Agencies   |
| * Hospital and Clinical Pharmacy                       |                         |







### Research Team:

We have potential pharmaceutical researchers and clinical pharmacists who are experts in pharmaceutical chemistry, formulation science, pharmaceutical technology, bio-pharmaceutics, QC, & validation, medicinal chemistry, clinical pharmacy & pharmacy practice.



### Collaboration:

Collaboration with universities is USA, UK, Germany, China, Australia, Japan, Italy, Russia, Latvia, Portugal, Malaysia, Phillippines, Vietnam, Malawi, Uganda, Iraq, Iran, Spain, Swizerland, Puerto Rico, Georgia, South Africa, Nigeria, Kazakhstan, Palestine and many more

List of Partner Universities at [http://www.wub.edu.bd/international\\_students/partners\\_international\\_affairs](http://www.wub.edu.bd/international_students/partners_international_affairs)

### Alumni Relations:

The aim of the Pharmacy Alumni association is to build an interactive strong WUB community around the world. Alumni are the number one priority for the university and the university helps them to engage with all the current students, develop their professional growth, and assist them to conjoin with other alumni of the association.



## World University of Bangladesh (WUB) at a glance-

- \* A magnificent new Campus
- \* A supportive Learning Environment
- \* A fully comprehensive University
- \* 300 Faculty member and staff
- \* International Recognition
- \* 10 Departments, 25 day & evening programs
- \* 5000 total students enrolled
- \* More than 12,000 alumni
- \* Active clubs - 15
- \* Lab 40
- \* 4 Convocation Concluded



### Academic Session :

The course are run by semester system, each year consist of 3 semesters. Spring (Jan-Apr), Summer (May-Aug) and Fall (Sep-Dec) Semester.

### Admission Procedure :

Apply online or by physical presence; submit all relevant papers and documents; Seat for admission test if your total of CGPA in SSC and HSC is below seven; alternatively you have to face viva-voce; obtain a positive instruction and make

**FINANCIAL AID :** WUB provides a number of scholarships and financial grant to the deserving students to meet their tuition fees . To be considered for this Scholarship, a student must achieve for both SSC and HSC (or its equivalents): Golden GPA-5.00=100%, GPA-5 (1 Golden)=80%, Normal GPA-5=70%, GPA 4.26-4.99=45%, GPA-3.5-4.25=35%, GPA 3.00-3.49=25% and GPA 2.50-2.99=20%. Special scholarship for female students, siblings, spouse, athletes, group and many others. Best performers of each semester will enjoy full free scholarship for that semester.



### International Affairs Division

*For information regarding the Section's activities, please refer to the following link: [http://www.wub.edu.bd/international\\_students/overview](http://www.wub.edu.bd/international_students/overview)*

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FOR ECONOMIC EMANCIPATION**





## Some Distinguished Faculty Members:

### Full time & Adjunct

Prof. Dr. M. Saiful Islam, B.Pharm, M.Pharm (DU), Ph.D. (Japan)	Adjunct
Prof. Dr. Firoj Ahmed , B. Pharm, M. Pharm (DU), Ph.D. (Japan)	Adjunct
Dr. Farhana Fardousi Choudhury Ph.D. (Darham)	Professor
Zubair Khalid Labu, B.Pharm, M.Pharm DU,PGD (KSA)	Sr.AssociateProfessor & Head
Doris Priscilla Tabassum, Ph.D, (Harvard)	Associate Professor
Dr. Md. Harun-Or-Rashid, B. Pharm, M. Pharm (RU)PhD.(RU)	Associate Professor
Khurshid Jahan, B. Pharm(GB),M. Pharm(UAP),M.Phil.(JU)	Sr. Lecturer
Farhina Rahman Laboni, B. Pharm. (WUB),M. Pharm(SUB),M.Phil (JU)	Sr. Lecturer
Samira Karim, B. Pharm (Hons), M. Pharm (UAP),MBA, Ph.D.(JU)	Sr. Lecturer
Md. Azim, BBA, MBA (JU), PhD fellow	Senior Lecturer
Md. Ashiqur Rahman B.Sc. Engg, Msc. Engg (UK)	Senior Lecturer
Md. Ashraf Kamal, B.Sc. Engg, PgD in Asm (Australia)	Senior Lecturer
Jalal Uddin, B. Pharm. (Hon's), (WUB), M. Pharm. (SUB), Ph.D.(JU)	Lecturer
Taqiyah Akhtar, B. Pharm (DU); M.Pharm.(DU)	Lecturer
Shegufta Ahmed Choudhury, B.Pharm(Hon's),M.Sc.(Nottingham,U.K)	Lecturer
SharminSultana Jyoti, B. Pharm (DU), M.Pharm (DU)	Lecturer
Md. MostafizurRahaman, B. Pharm.(WUB), M. Pharm. (SUB)	Lecturer
Faisal Ahmed,BA (Hons), MA (UK)	Lecturer
Nabila Ahsan, BA (Hons), MA (UK)	Lecturer
Ahmed Al Asheq, B.Sc.(JU), MBA (AIT, Thailand)	Lecturer
Md. Ashiqur Rahman, B.Sc Engg, M.Sc Engg. UK	Lecturer







*Permanent Campus at Uttara*

## Vice-Chancellor

### Professor Dr. Abdul Mannan Choudhury

MBA (Manchester-Business School), PhD (London)  
Formerly ; Selection Grade Professor of DU  
Chairman, Dept. of Management, DU  
Academic Dean; Bayero University, Kano, Nigeria  
Director, EMBA, & Chairman, Department of Management, DU  
Proctor DU; Provost, S.M. Hall (DU)  
Founder Chairman, MIS Dept. DU



*Dr. Shirin Sharmin Chaudhury, Honorable Speaker of the Parliament is seen with former UGC Chairman Dr. Abdul Mannan and Pro VC WUB on her right and Mr. Enamul Hoq Choudhury, Chief Editor, Daily Sun, Honorable Vice Chancellor and Treasurer of WUB.*

### Permanent Campus :

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