

Faculty of Pharmacy Undergraduate Prospectus 2017/2018



1.0 THE FACULTY OF PHARMACY

1.1 Undergraduate programme offered by the Faculty of Pharmacy

Bachelor of Pharmacy (B.Pharm)

1.2 Why study in the Faculty of Pharmacy?

The Faculty of Pharmacy at the British University in Egypt (BUE) is an effective and modern Faculty offering a unique Pharmacy programme that aims to become recognised for its excellence in education, research and community service.

The overall mission of the Faculty is to provide students in Egypt and the Middle East, with a British style education of the highest quality, and to supply graduates that stimulate public health services and pharmaceutical industries whether in the private or the public sectors.

The programme offers a British style and quality educational experience, whilst delivering a programme equivalent to those in the Egyptian university sector.

The Faculty undertakes high quality academic and applied research of relevance to health services and drug development, and provides students with the technical and pharmaceutical skills that employers need in both the public and the private sectors nationally, regionally and internationally.

Students in the Faculty study in an environment that encourages diversity and innovation. The staff are not just academic experts in the fields but often have 'real life' practical experience, which they bring to their subjects, as well as close contacts with the 'world of work'. Students in the Faculty learn not just, "what to think but how to think".



1.0 THE FACULTY OF PHARMACY

1.1 Bachelor of Pharmacy (B.Pharm)

1.2 Why study Pharmacy at the BUE?

The Faculty of Pharmacy at the BUE offers a unique programme which equips graduates with the diverse pharmaceutical skills needed for various career paths. Pharmacists are key players in the health care team including the clinical ward, hospital or community pharmacy providing the advanced knowledge of the effectiveness and safety of drugs tailored to each individual patient. BUE's Pharmacy Programme offers four Pharmacotherapy modules plus Pharmacy Practice, Community and Hospital Pharmacy modules. In addition it includes, Communication Skills, Medical Terminology, Human Anatomy and Histology, Physiology, Pathophysiology, Biochemistry, Microbiology and Pharmacology & Toxicology.

Furthermore, the programme offers advanced knowledge of pharmaceutical and analytical chemistry plus pharmaceutical compounding, to equip graduates with the specialist skills required for the development of new drugs and new formulations for the pharmaceutical industry and for the production of international quality drugs. The programme also offers modules including Pharmacy Ethics & Legislation, Phytotherapy, Pharmacy Management, Marketing & Pharmacoeconomics, and Pharmacovigilance which provide graduates with the skills required to establish their own pharmacy or to work in the field of drug promotion.

The BUE Pharmacy programme is unique in enabling students to gain additional knowledge and skills in one of four different specialisms: Industrial Technology, New Drug Delivery & Cosmetics, Biological Drug Development or Chemical Drug Development. A British educational approach is taken in the delivery of learning including research methodologies in which students are required to design and execute a research graduation project in their chosen specialism.

The new Pharmacy building at BUE campus is a state of the art and equipped with advanced facilities to enable the delivery of high standard lectures, tutorials and practical classes.

1.2.1 What will I study?

Preparatory Year

In this year you will be oriented and introduced to Pharmacy. In addition English language will be enhanced with a focus on medical terminology and communication skills. Basic knowledge will also be consolidated including Mathematics, Organic Chemistry, Analytical Chemistry, Botany & Medicinal Plants, Anatomy & Histology, Physical Chemistry and Physical Pharmacy.

Degree Year 2

In this year you will enhance your analytical & scientific thinking abilities and psychological skills. You will continue improving your study skills and the basic and pharmaceutical sciences including Analytical Chemistry, Pharmaceutics, Pharmacognosy, Physiology, Biochemistry, Pharmaceutical Instrumental Analysis, Parasitology and Pathophysiology.

Degree Year 3

In this year you will start to study in-depth the following modules: Biochemistry, Phytochemistry, Basic Microbiology, Pharmaceutics, Biopharmaceutics, Pharmacology, Clinical Biochemistry, Pharmaceutical Chemistry, Clinical Microbiology, Immunology, Pharmacy Ethics & Legislation and Pharmacotherapy.

Degree Year 4

In this year you will start to study more clinically based modules including Public Health, Pharmaceutical Microbiology, Hospital Pharmacy, Pharmacotherapy, Pharmaceutical Chemistry, Pharmacology, Pharmacy Management, Community Pharmacy, Biostatistics, Toxicology, and two Elective modules.

Degree Year 5

In the last year, you will be more clinically oriented by studying Biotechnology, Professional Practice Externship, Pharmacotherapy, Pharmacy Practice, First Aid, Pharmacoeconomics, Clinical Pharmacokinetics, Drug & Poison Information, Dosage Form Design, Phytotherapy, Pharmacovigilance, an elective module, Research Methodology and a Research Graduation Project.

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1.2 Bachelor of Pharmacy (B.Pharm)

1.2.2 How will I learn and be assessed?

Teaching involves a mix of lectures, tutorials, group work, private study and practical activities. Assessment involves submitting coursework, unseen or written exams, oral exams, presentations and projects. Internships and professional practice are also completed.

1.3 What career and further education opportunities are open to me when I graduate?

This degree is appropriate for students who wish to pursue careers in the health-care sector or in industry. Career opportunities may be found in the following areas:

Health Services

- Community pharmacist
- Hospital pharmacist
- Clinical pharmacist

Pharmaceutical Industry

- Production
- Quality Assurance
- Research and Development
- Promotion, Marketing and Sales

Research and Development

- Universities
- Research Centres

Governmental and Regulatory Agencies

- Central Administration of Pharmaceutical Affairs, Ministry of Public Health

Toxicologist

- Environmental, Forensic & Drug Toxicology Units

Academic Career

1.4 How to apply for a programme in the Faculty of Pharmacy

(i) Read the admissions section in our general booklet. This can also be downloaded at www.bue.edu.eg

(ii) Submit an application online at www.bue.edu.eg

(iii) Call the BUE Hotline and speak to a member of staff in the Student Affairs Department in you require further information - 19(BUE) 19283

1.5 When to apply:

(i) The early admissions period begins in January of each academic year.

(ii) Applicants are encouraged to apply early in order to secure a place in their chosen programme of study.

(iii) Once programmes are full the applicants will be placed on a waiting list.