

# Academic Plan

College of Pharmacy – Warith Al-Anbiyaa University (Peace Be Upon Him)

Academic Year 2025–2026

## First: Educational Objectives

The academic plan of the College of Pharmacy aims to achieve comprehensive pharmaceutical education that combines solid theoretical foundations with advanced practical training ensuring the preparation of graduates qualified to practice pharmacy according to national and international standards.

- Providing students with foundational knowledge in pharmaceutical sciences, pharmaceutical chemistry, pharmacology, and clinical pharmacy.
- Developing critical thinking skills and pharmaceutical problem-solving.
- Preparing students to interact with patients with high ethical standards.
- Enabling students to use the latest pharmaceutical technology tools.

## Second: Structure of the Academic Plan

### Phase One – First Year

Course	Credit Hours	Type
General and Analytical Chemistry	3	Mandatory
Microbiology	3	Mandatory
Pharmaceutical Physics	2	Mandatory
Anatomy and Physiology	3	Mandatory
English Language for Pharmacy	2	University Requirement

### Phase Two – Years 2 and 3

- Pharmaceutical Organic Chemistry – 3 credit hours
- Basic Pharmacology – 4 credit hours
- Pharmacokinetics – 3 credit hours
- Pharmacy Technology and Pharmaceutical Forms – 4 credit hours
- Pharmaceutical Analysis and Quality Control – 3 credit hours

### Phase Three – Years 4 and 5

- Clinical Pharmacy and Drug Management – 4 credit hours
- Biopharmaceutics and Pharmacokinetics – 3 credit hours
- Pharmacy Law and Ethics – 2 credit hours
- Clinical Training in Hospitals – 6 credit hours
- Graduation Project – 4 credit hours

## **Third: Assessment and Examinations**

### **Assessment Methods**

1. Midterm and Final Examinations (60% of total grade)
2. Assignments and Scientific Reports (20% of total grade)
3. Practical Training and Laboratories (20% of total grade)

### **Passing Requirements**

- Achieving 50% or above in the total grade for each course.
- Attendance of no less than 75% of lectures.
- Successfully passing practical examinations.

## **Fourth: Field Training**

Field training is a fundamental pillar of the academic plan, allowing students to engage directly in the pharmaceutical environment under the supervision of specialists. Training sites include:

- Government and private hospital pharmacies.
- Primary healthcare centers.
- Pharmaceutical companies and drug warehouses.
- Pharmaceutical quality control laboratories.

## **Fifth: Enhancing Educational Quality**

- Adopting the Problem-Based Learning (PBL) approach in a number of courses.
- Employing simulation and virtual reality in clinical education.
- Encouraging students to attend conferences and scientific seminars.
- Providing specialized scientific references and journals free of charge to students.