

Academic Program Description Form

Reviewing the performance of the higher educational institution ((academic program review))

Course description

This course description summarizes the key characteristics and anticipated learning objectives for students, assessing their utilization of available learning resources, and must be aligned with the program description.

1. Educational Institution	Al-Zahrawi University
2. University Department / Center	College of Pharmacy
3. Course Name / Code	Pharmacology II Theory (PPCL 44)
4. Programs in which it is included	Bachelor in Pharmacy
5. Available Forms of Attendance	Daily Attendance
6. Semester / Year	First Semester 2025-2026
7. Total Number of Study Hours	4 hours weekly
8. Date of preparing this description	2025-2026
9. Course Objectives :Knowing the drugs, their names, mechanism of action, their clinical uses, as well as knowing the side effects on patients and drug-drug interactions, drug food interaction and drug disease interaction.	
10. Learning Outcomes, Teaching and Learning Methods, and Evaluation	

A. Knowledge and Understanding

1- The student should be familiar with the drugs and their names

A-2- The student should be familiar with the clinical uses of drugs

A-3- The student should be familiar with how drugs work inside the body

A-4- The student should be familiar with the side effects of drugs

A-5- The student should be familiar with drug interactions with other drugs

A-6- Preparing trained and qualified cadres to work in government health institutions

A-7- Preparing trained and qualified cadres to work in pharmaceutical institutions

B. Subject-Specific Skills

B 1. Teaching skill in the subject of medicine

B 2. The student should have the ability to infer and link clinical information together

B 3. The student should have the ability to link medicines to practical reality in pharmacies and hospitals

Teaching and Learning Methods

1. Thinking and discussion method.
2. Scientific tests used in laboratories.
3. Learning by exploratory lecture.

C. Evaluation Methods

1. Submit weekly reports.
2. Exam grades.
3. Graduation research

D. Thinking Skills

A1. Student-teacher dialogue method.

A2. Preparing weekly reports.

A3. Conducting discussions of the results.

A4. Exploratory thinking.

Teaching and Learning Methods

1. Grades.
2. Discussion and dialogue.
3. Tests.

Evaluation Methods

Grades, research and reports, tests

E. General and Transferable Skills

D 1. The student is able to employ the knowledge he has received.

D 2. The student is able to master the teaching and learning profession.

D 3. The student is able to embody what he has acquired in professional development.

11. Course Structure

Evaluation Method	Learning Method	Unit Name / Course or Topic	Required Learning Outcome	Hour	Week
Daily Quiz and Verbal Questions	Using the whiteboard and the projector screen	Gastrointestinal Drugs	Knowledge	٢	١
Daily Quiz and Verbal Questions	Using the whiteboard and the projector screen	GERD & VOMITIN G	Knowledge	٢	٢
Daily Quiz and Verbal Questions	Using the whiteboard and the projector screen	Laxatives and Therapy for Constipation	Knowledge	٢	٣
Daily Quiz and Verbal Questions	Using the whiteboard and the projector screen	The antipsychotic drugs	Knowledge	٢	٤
Daily Quiz and Verbal Questions	Using the whiteboard and the projector screen	Drugs for Neurodegenerative Diseases	Knowledge	٢	٥
Daily Quiz and Verbal Questions	Using the whiteboard and the projector screen	Antidepressants	Knowledge	3	٦
Daily Quiz and Verbal Questions	Using the whiteboard and the projector screen	Opioids	Knowledge	3	٧
Daily Quiz and Verbal Questions	Using the whiteboard and the projector screen	Anxiolytic and Hypnotic Drug	Knowledge	٢	٨
Daily Quiz and Verbal Questions	Using the whiteboard and the projector screen	Antiepileptic Drugs	Knowledge	3	٩
Daily Quiz and Verbal Questions	Using the whiteboard and the projector screen	Anesthetic drugs GA & LA	Knowledge	3	١٠
Daily Quiz and Verbal Questions	Using the whiteboard and the projector screen	CNS stimulants	Knowledge	٢	١١
Daily Quiz and Verbal Questions	Using the whiteboard and the projector screen	Antihypertensives	Knowledge	3	12
Daily Quiz and Verbal Questions	Using the whiteboard and the projector screen	Antianginal Drugs	Knowledge	2	13

Daily Quiz and Verbal Questions	Using the whiteboard and the projector screen	The treatment of heart failure (HF)	Knowledge	3	14
Daily Quiz and Verbal Questions	Using the whiteboard and the projector screen	Antiarrhythmic drugs	Knowledge	3	15

11. Infrastructure	
Required Readings:	References: Lippincott Illustrated Reviews Pharmacology 7th Ed.
Special Requirements (Workshops, Journals, Software, Websites):	Electronic Websites https://youtu.be/4gYSkghN8EY?si=0_PuR3rjg-JkWm-o
Social Services (Guest Lectures, Professional Training, Field Studies, Others)	Organizing workshops and courses for graduates:

12. Admission:	
Prerequisites	Admission according to the central plan
Minimum Number of Students	/
Maximum Number of Students	Admission exceeds the capacity plan

Name of the Instructor:

Mahmood Jasem Jawad