

Higher Education Institution Performance Review (Academic Program Review)

This course description provides a summary of the main characteristics of the course and the learning outcomes expected of the student, demonstrating whether he has made the most of the learning opportunities available and must be linked to the program description.

1. Educational Institution	Ministry of Higher Education and Scientific Research / Al-Zahrawi University
2. University Department / Center	College of Pharmacy
3. Course Name / Code	Pharmacology I Theory PPCL 33
4. Programs in which it is included	Bachelor in Pharmacy
5. Available Forms of Attendance	Daily Attendance
6. Semester / Year	Second Semester third year
7. Total Number of Study Hours	16 hours weekly
8. Date of preparing this description	2025-2026
9. Course Objectives :Knowing the drugs, their names, how they work, their clinical uses, as well as knowing the side effects on patients and drug interactions of each drug with other drugs.	
10. Learning Outcomes, Teaching and Learning Methods, and Evaluation	

A. Knowledge and Understanding

- 1• The student should be knowledgeable about the names of different drugs.
- The student should understand the clinical applications of medications.
- The student should be aware of how drugs act within the human body.
- The student should recognize the possible side effects of medications.
- The student should be familiar with drug–drug interactions.
- The aim is to prepare well-trained and qualified professionals to serve in government health 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.
- ٢. Learning by exploratory lecture.

C. Evaluation Methods

- 1. Q&A sessions
- 2. weekly Quizes.
- 3. Homework assignments

D. Thinking Skills

A1. Applying group discussion techniques to enhance understanding of the subject matter.

A2. Incorporate multimedia elements such as images, charts, and videos to enhance understanding.

A3. Conducting discussions at the end of each lecture.

Teaching and Learning Methods

- 1. Grades.
- 2. Discussion
- 3. Tests.

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	Introduction to Pharmacology - Pharmacokinetics	Knowledge	3	١
Daily Quiz and Verbal Questions	Using the whiteboard and the projector screen	Pharmacodynamics	Knowledge	3	٢
Daily Quiz and Verbal Questions	Using the whiteboard and the projector screen	Introduction to Autonomic Nervous System	Knowledge	3	٣
Daily Quiz and Verbal Questions	Using the whiteboard and the projector screen	Cholinergic Agonists	Knowledge	3	٤
Daily Quiz and Verbal Questions	Using the whiteboard and the projector screen	Cholinergic Antagonists	Knowledge	3	٥
Daily Quiz and Verbal Questions	Using the whiteboard and the projector screen	Adrenergic Agonists	Knowledge	3	٦
Daily Quiz and Verbal Questions	Using the whiteboard and the projector screen	Adrenergic Antagonists	Knowledge	3	٧
Daily Quiz and Verbal Questions	Using the whiteboard and the projector screen	Principles of Antimicrobial Therapy	Knowledge	3	٨
Daily Quiz and Verbal Questions	Using the whiteboard and the projector screen	Cell Wall Inhibitors	Knowledge	3	٩
Daily Quiz and Verbal Questions	Using the whiteboard and the projector screen	Protein Synthesis Inhibitors	Knowledge	3	١٠
Daily Quiz and Verbal Questions	Using the whiteboard and the projector screen	Quinolones, Folic Acid Antagonists, and UTI Antiseptics	Knowledge	3	١١
Daily Quiz and Verbal Questions	Using the whiteboard and the projector screen	Antimycobacterial Drugs	Knowledge	3	١٢

Daily Quiz and Verbal Questions	Using the whiteboard and the projector screen	Antiprotozoal Drugs and Anthelmintics	Knowledge	3	13
Daily Quiz and Verbal Questions	Using the whiteboard and the projector screen		Knowledge	3	14
Daily Quiz and Verbal Questions	Using the whiteboard and the projector screen		Knowledge	3	15
		Antifungal Drugs			
		Antiviral Drugs			

11. Infrastructure	
Required Readings:	References: Lippincott Illustrated Reviews Pharmacology 7th Ed.
Special Requirements (Workshops, Journals, Software, Websites):	Electronic Websites Lippincott® Illustrated Reviews: Pharmacology, 7e Lippincott Illustrated Reviews Health Library
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:

م.م. رامي ثامر كريم