



Ministry of Higher Education and Scientific Research
Scientific Supervision and Scientific Evaluation Apparatus
Directorate of Quality Assurance and Academic Accreditation
Accreditation Department

University of Warith Al-Anbiyaa
College of Medicine
Pharmacology



2024

Course Description Form

1. Course Name:	
Pharmacology	
2. Course Code:	
Medu306	
3. Semester / Year:	
YEAR	
4. Description Preparation Date:	
2024-4-1	
5. Available Attendance Forms:	
Physicall y	
6. Number of Credit Hours (Total) / Number of Units (Total)	
150 hours	
7. Course administrator's name (mention all, if more than one name)	
Name: Prof . Dr. Adeb Ahmed Kadhim Email: adeebalzubaidy@uowa.edu.iq Name: Lect . Dr Alaa Ghazi Hamid Email: alaa.ga@uowa.edu.iq Name: Assist.Prof . Dr . Laith Mohammed Abbas Name: Assist. Prof. Dr Saad Baddai Nashtar Name: Assist. Prof. Dr Ali Kadhim Challab	
8. Course Objectives	
Course Objectives	1-To recognize various types of drugs and their therapeutic uses in line with the latest curricula in pharmacology and therapeutics 2-To be up-to-date with scientific advancements in this field.....
9. Teaching and Learning Strategies	
Strategy	<ul style="list-style-type: none"> ● Delivering theoretical lectures using available presentation techniques such as projectors and smart boards. ● Utilizing e-learning in the laboratory for interactive learning experiences

10. Course Structure

Week	Hours	Required Learning Outcomes	Unit or subject name	Learning method	Evaluation method
30 week		1- Providing basic information on clinical pharmacology. 2- Building a broad knowledge base and understanding of various types of medications. 3- Developing skills for acquiring information. 4- Encouraging and training students on how to deal with scientific facts related to this field. 5- Encouraging students to deduce, interpret, present, and discuss results.			

11. Course Evaluation

Distributing the score out of 100 according to the tasks assigned to the student such as daily preparation, daily oral, monthly, or written exams, reports etc

12. Learning and Teaching Resources

Required textbooks (curricular books, if any)	
Main references (sources)	Lippincott Illustrated Review of Pharmacology
Recommended books and references (scientific journals, reports...)	-Katzung Basic and Clinical Pharmacology - Rang and Dale Clinical Pharmacology
Electronic References, Websites	https://www.drugs.com/

المنهاج الاسبوعي النظري

1	Introduction to pharmacology, Pharmacokinetics, Pharmacodynamic, Pharmacogenetic
Week 2	Autonomic nervous system, Anti-hypertension drugs
Week 3	Drugs used to treat ischemic heart diseases, Drugs used to treat heart failure
Week 4	Diuretics, Anti-arrhythmic drugs, Autacoids
Week 5	Antihistamine drugs, Migraine Drugs
Week 6	Anticoagulant drugs, Fibrinolytic, anti-fibrinolytics and anti-platelets drugs
Week 7	Drugs used to treat Anemia, Lipid- lowering drugs, Drugs used for obesity
Week 8	Introduction to central nervous system, Antianxiety and hypnotic drugs
Week 9	Anti-psychotic drugs, Anti-depressant drugs
Week 10	Anti-epileptic drugs, Anti-parkinsonian drugs
Week 11	Anti-dementia medications, Psych-stimulants
Week 12	Drugs used for gout, Drugs acting on respiratory tract
Week 13	NSAIDs, Anti-rheumatic drugs
Week 14	Dermatologic pharmacology
Week 15	Drugs acting on GIT, Drugs used for Erectile dysfunction
Week 16	Opioid analgesics, General anesthetics
week 17	Local anesthetics, Anti-cancer drugs
week 18	Introduction to Antimicrobials
week 19	Beta-lactam drugs, Protein synthesis inhibitors
week 20	Folic acid antagonists, Quinolones
week 21	Anti-mycobacterial drugs, Anti-viral drugs
week 22	Anti-fungal drugs, Anti-helminthic drugs
week 23	Anti-protozoal drugs,
week 24	Immunomodulators
week 25	Drugs used in metabolic bone disease
week 26	Drug poisoning
week 27	Pituitary gland
week 28	Thyroid gland
week 29	Corticosteroids
week 30	Anti-diabetic drugs I, Estrogens & androgens

Delivery Plan (Weekly Lab. Syllabus)

المنهاج الاسبوعي للمختبر

	None
Week 1	Drug Discovery and Development
Week 2	Dosage Forms I
Week 3	Dosage Forms II
Week 4	Routes of Drug Administration I
Week 5	Routes of Drug Administration II
Week 6	Adverse Drug Reactions
Week 7	Drugs in Pregnancy
week 8	Drugs in Lactation
week 9	Prescription Writing
week 10	Prescription Writing
week 11	Prescription Writing
week 12	Drug Interactions
week 13	Drug Abuse I
week 14	Drug Abuse II
week 15	Drug Calculations
week 16	Drug in renal failure
week 17	Drug in liver failure
week 18	Experimental Pharmacology
week 19	Clinical Trials
week 20	Discussion of Seminars
week 21	Discussion of Seminars
week 22	Discussion of Seminars
week 23	Discussion of Seminars
week 24	Revisions
week 25	Revisions

