

1.Course Name:	
Pharmacology I	
2.Course Code:	
WNR-21-04	
3.Semester / Year:	
Second Stage/First Semester	
4.Description Preparation Date:	
1/10/2024	
5.Available Attendance Forms:	
In-person lectures	
6.Number of Credit Hours (Total) / Number of Units (Total)	
2 Theoretical . Number of Credits (2)	
7.Course administrator	
Name: Nassem Samir saker Email: nassem.sa@uowa.edu.iq	
8.Course Objectives	
<ul style="list-style-type: none"> • Understanding fundamental pharmacology principles. • Knowing medications and their uses. • Defining basic pharmacological terms and explaining the classification and mechanism of action of various drugs. • Applying pharmacological knowledge in nursing practice. • Applying pharmacological principles in assessing a patient's condition before, during, and after medication administration. • <input type="checkbox"/> Improving the student's ability to provide health education to patients about the medications they are taking. • Developing a sense of professional responsibility and demonstrating commitment and accuracy in preparing and administering medications to patients. • Cultivating empathy and concern for patients' needs, showing understanding of their condition, and alleviating their medication-related fears. • Promoting ethical and professional conduct and adhering to ethical principles regarding patient information confidentiality and rights. • Demonstrating integrity and honesty in handling medications and their records. 	
9.Teaching and Learning Strategies	
Strategy	<ul style="list-style-type: none"> - Theoretical lectures. - Discussions. - Reports.

10.Course Structure

Week	Hours	Required Learning Outcomes	Unit or subject name	Learning method	Evaluation method
1	2 theory	explain Basic concept in pharmacology	Basic concept in pharmacology	-Lectures. - seminars..	Quizzes, students' participation in the lecture,
2	2 theory	Define and discuss Pharmacodynamics and Drug metabolism	Pharmacodynamics and Drug metabolism	-Lectures. - seminars..	Quizzes, students' participation in the lecture,
3	2 theory	Discuss different types Methods of drug administration	Methods of drug administration	-Lectures. - seminars..	Quizzes, students' participation in the lecture,
4	2 theory	Enumerate Coronary artery disease treatment and its side effects	Coronary artery disease treatment	-Lectures. - seminars..	Quizzes, students' participation in the lecture,
5	2 theory	Enumerate Coronary artery disease treatment and its side effects	Hypertension treatment	-Lectures. - seminars..	Quizzes, students' participation in the lecture,
6	2 theory	Enumerate Heart failure drugs and its side effects	Heart failure drugs	-Lectures. - seminars..	Quizzes, students' participation in the lecture,
7	2 theory	Enumerate Upper respiratory diseases drugs treatment and its side effects	Upper respiratory diseases drugs 1	-Lectures. - seminars..	Quizzes, students' participation in the lecture,
8	2 theory	Enumerate Upper respiratory diseases drugs treatment and its side effects	Upper respiratory diseases drugs 2	-Lectures. - seminars..	Quizzes, students' participation in the lecture,
9	2 theory	Enumerate COPD disease treatment and its side effects	Lower respiratory diseases drugs	-Lectures. - seminars..	Quizzes, students' participation in the lecture,

10	2 theory	Enumerate asthma treatment and its side effects	Asthma drugs		Quizzes, students' participation in the lecture,
11	2 theory	Enumerate anticoagulants treatment and its side effects	Anticoagulants I	-Lectures. - seminars..	Quizzes, students' participation in the lecture,
12	2 theory	Enumerate anticoagulants treatment and its side effects	Anticoagulants 2	-Lectures. - seminars..	Quizzes, students' participation in the lecture,
13	2 theory	Enumerate Peptic ulcer treatment and its side effects	Peptic ulcer treatment	-Lectures. - seminars..	Quizzes, students' participation in the lecture,
14	2 theory	Enumerate Constipation and diarrhea drugs and its side effects	Constipation and diarrhea drugs	-Lectures. - seminars..	Quizzes, students' participation in the lecture,
15	2 theory	Enumerate Anti emesis its side effects	Anti emesis drugs	-Lectures. - seminars..	Quizzes, students' participation in the lecture,

11.Course Evaluation

Evaluation				Score standard
Formative		Summative		-Excellent (90-100) -Very Good (80-less than 90) -Good (70-less than 80) -Fair (60-less than 70) -Acceptable (50-less than 60) - Fail (less than 50)
Scor es	Evaluation methods	Scor es	Evaluation methods	
10%	Daily Quizzes	5%	First-Mid-term theoretical exam	
5%	Seminars	5%	Second-midterm exam	
5%	Reports			
		70%	Final theoretical exam	
20%		80%		

12.Learning and Teaching Resources

Required textbooks (curricular books if any)	- Davis's Drug Guide for Nurses Nineteenth Edition by April Hazard Vallerand PhD RN FAAN (Author), Cynthia A. Sandberg BS PharmD BCPS FCCP
--	---

Main references (sources)	Nursing 2025-2026 Drug Handbook (Nursing Drug Handbooks) Forty-Fifth, North American Edition
Recommended books and references (scientific journals, reports...)	2025 Lippincott Pocket Drug Guide for Nurses Thirteenth, North American Edition
Electronic References, Websites	<ul style="list-style-type: none"> - https://www.drugs.com/drug_information.html - https://www.nhs.uk/medicines/

