

**University of Baghdad
College of Nursing
MSN. Program**

Course Syllabus
Pharmacology II

**2022/2023
2nd Semester**

**This syllabus is subject to change. Changes will be announced to students.
It is the responsibility of the student to comply with any changes.**

General Information & Policies

Course Number and Title: Pharmacology II

علم الادوية

Number of Credit Hours: Pass/Fail

Times & Places: Wednesday @10:30 AM-12:30 PM ,Number 2 Hall (beside the library).

Prerequisites: None

Course Description: The student should have extensive knowledge of medicines, their types, and the mechanisms of a new area only. Understanding of physiological and biochemical principles related to drug action. Know how to use medicines. Principles and methods of drug administration. Knowing the different types of medicines and their methods. Identify the side effects of drugs and their pharmacokinetics. Knowing the toxicity of drugs and methods of evaluating the safety of drugs and their intersection with other drugs or foods.

Teaching Methods: Lectures, discussions, & assignments. Google Classroom shall be used for online discussion.

Evaluation Methods: Theoretical exams and Daily exams

Faculty, Contact Information, & Office Hours:

Dr. Ali Hussien Saliem, Adult Nursing Department- College of Nursing- or pharmacology and toxicology , college of vet. Medicine, University of Baghdad

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Office hours ► See my weekly schedule!

Required Textbook(s) and Other Materials:

- Lippincott Illustrated Reviews: Pharmacology
- Pharmacology for nursing.
- Baghdad University theses & dissertations manual!

Academic Dishonesty: Academic honesty is required in all aspects of a student's relationship with the university.

Course Objectives

The objectives of this course are to:

1. Help each Students be informed about the newest drugs in common use
2. Help students observe and understand the therapeutic effects and adverse effects of these drugs on each patient

By the completion of this course the student will be able to:

- 1- The student will be able to choose the appropriate treatment for diseases.
- 2- The student can avoid side effects and toxicity.
- 3- The student will be able to calculate the appropriate dose of medication
- 4- The student will be able to evaluate the treatment and its safety and risk.
- 5- The student will be able to know the precautions for the use of medicines and methods of treating misuse and overdose.

Course Requirements

Provide all the necessary requirements to clarify the following points

A 1- Taking into account the application of ethical principles in the use of treatments for patients.

A 2 Considering the safety of the patient to be in the first place.

A 3- Trying not to make a mistake and not to use wrong doses or prohibited medicines in certain cases such as pregnancy, kidney and liver failure.

Evaluation & Grading

Distribution of Points:

Requirements	Possible Points
midterm theory exam.	25%
REPORT and Quizzes	5%
The total of 30% before the final exam.	
The Final exam	70%
Total	100%

Course Schedule and activities

The structure of the theoretical course 2					
week	hours	Unit name/topic	Required learning outcomes	Education method	Evaluation method
-1	2	Autacoids	Autacoids effects and uses	Lecture by power point	- Making quizzes - Discussion
-2	2	anti-inflammatory drugs		Lecture by power point	- Making quizzes
-3	2	Dermatopharmacology	Know the general properties of Dermatopharmacology	Lecture by power point	- Discussion

			drugs		
-4	2	Endocrines		Lecture by power point	Making quizzes
-5	2	Hormonal therapy		Lecture by power point	- Discussion
6	2	Vitamins and minerals		Lecture by power point	Making quizzes
7	2	Chemotherapy of microbial diseases	Introduction of antimicrobials	Lecture by power point	- Discussion
8	2	Midterm exam.			
9	2	Antibacterial drugs	Classification and mechanism of action , spectrum, adverse effects.	Lecture by power point	Making quizzes
10	2	Antifungal drugs	Classification and mechanism of action , spectrum, adverse effects.	Lecture by power point	- Discussion
11	2	Antiviral drugs	- Classification and mechanism of action , spectrum, adverse effects.	Lecture by power point	Making quizzes
12	2	Antiprotozoal drugs		Lecture by power point	- Discussion
13	2	Anticancer drugs		Lecture by power point	Making quizzes
14	2	Drug interaction	- Know the interaction between drug and drug and with food	Lecture by power point	- Discussion
15	2	Toxicology , Evaluation of drug safety	Evaluation of drug safety methods	Lecture by power point	Making quizzes

Nursing education aims to prepare students to be competent professionals who provide compassionate care to patients. Despite controversy about whether compassion is innate or learned (Durkin et al., 2018; Richardson et al., 2015), evidence indicates compassion, caring, and empathy can be taught (Durkin et al.,

2018). Nurses can develop insights from specialized knowledge in the therapeutic area, with a variety of clinical experiences, education, and training (Lown, 2014). Nurses can provide insight about patients by showing respect, carefully gathering patient information to increase their understanding of patients' needs, and engaging patients in their own treatment and caring process (Van der Cingel, 2014). Insight enables nurses to effectively manage changes in patients' status, including the release of pent-up emotions. Subareas of insight thus encompass a respectful attitude toward patient challenges and nurses' efforts to control emotions during patient care.