

University of Baghdad
College of Pharmacy
Department of Pharmacology and
Toxicology



Pharmacology Laboratory
3rd Class
2021-2022
2nd Course

Course Syllabus

Name of the Second Teacher of the Course: Maryam Rasheed Abd

Accademic Rank: Assistant Lecturer

Degree: Specialized Pharmacist, M.Sc. degree in Pharmacology and Toxicology

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Name of the Third Teacher of the Course: Zainab Safaa Noori

Accademic Rank: Pharmacist

Degree: Bachelor degree in Pharmaceutical Sciences

E-mail:



Course Title	Practical Pharmacology				
Academic System	<input checked="" type="checkbox"/> Semester System	<input type="checkbox"/> Annual			
Course Objectives	<p>The Pharmacology practical sessions are part of the Pharmacology curriculum for the 3rd class Pharm-D students. Its aim is to provide a practical aspect to some of the Pharmacological concepts learned during mainstream lectures allowing students to have hands on experience that will strengthen their understanding of the how drug act. Practical sessions will also help them apply the knowledge learned in the classroom in a safe environment.</p>				
Advise for Students	<ul style="list-style-type: none"> • Students are encouraged to look for information and broaden their knowledge using other resources, including YouTube links that will be provided throughout the course. • Students are advised to attend the sessions on time and be prepared by reading related lecture material prior to the practical sessions. • During the experiments, students are encouraged to engage actively and take the opportunity to get hands on experience whenever it is feasible. 				
Course Assessment for Semester System (100%)	Laboratory work: 25%				
	Attendance	Evaluation of Experimental work	Experimental Reports	Quizzes	Oral examination
Additional Information	Credit hours: 2 hours/week				



Weekly Schedule

2021-2022 / 1st Course

week	Laboratory Work	Notes
1	Introduction and general instructions for students	
2	The routes of drug administration	
3	Dose Calculations	
4	Barbiturates: Thiopental and Dose Calculations	
5	Non-steroidal anti-inflammatory drugs (NSAIDs): Part 1	
6	Non-steroidal anti-inflammatory drugs (NSAIDs): Part 2	
7	Drugs and Human Eyes: Part 1	
8	Drugs and Human Eyes: Part 2	
9	Opioid Analgesics	