

**University of Baghdad
College of Pharmacy
Department of Pharmacology and
Toxicology**



**Physiology Laboratory
Second Class
2021-2022
1st Course**

Course Syllabus

Name of the First Teacher of the Course: Safa Mustafa Najim

Accademic Rank: Assistant Lecturer

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

E-mail: Safamustafa_1985@yahoo.com

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: Nada Abdulkhaliq

Accademic Rank: Pharmacist

Degree: Bachelor degree in Pharmaceutical Sciences

E-mail:



Course Title	Practical Physiology I					
Academic System	<input checked="" type="checkbox"/>	Semester System			<input type="checkbox"/>	Annual
Course Objectives	<p>The physiology practical sessions are part of the physiology curriculum for the 2nd class students. Its aim is to provide a practical aspect to some of the physiological concepts learned during mainstream lectures allowing students to have hands on experience that will strengthen their understanding of the physiological concepts. 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	Extra-activity
Additional Information	Credit hours: 2 hours/week					



Weekly Schedule

2021-2022 / 1st Course

2021-2022 / 1st Course		
week	Laboratory Work	Notes
1	Introduction and general instructions for students	
2	General physiology of blood	
3	Estimation of hemoglobin concentration in the blood	
4	Blood types	
5	Hematocrit determination	
6	Bleeding and clotting time: part 1	
7	Bleeding and clotting time: part 2	
8	Measurement of blood glucose levels	
9	Measurement of body temperature	
10	Extra-activity	