

Faculty of Pharmacy

Physical Pharmacy

Information :

Course Code : PT 202

Level : Undergraduate

Course Hours : 3.00- Hours

Department : Faculty of Pharmacy

Instructor Information :

Title	Name	Office hours
Professor	AZZA AHMED MOHAMED MAHMOUD	5
Associate Professor	Maha Osama Abdelaziz Mohamed Elkayal	2
Associate Professor	Amr Maged Ibrahim Abdelbaky	
Assistant Lecturer	Esraa Akram Helmi Ali Elhefnawy	
Assistant Lecturer	Mohamed Salah Attia Radwan Ali	
Assistant Lecturer	Rinada Hussien Sadek Hassan	2
Assistant Lecturer	Reem Khaled Mohamed Ibrahim Wassif	1
Teaching Assistant	Ashrakt Eslam Ahmed Header	
Teaching Assistant	Rawan Waleed Hussein Rashed Salehin	

Area Of Study :

This course provides students with knowledge of physicochemical principles essential for the design and formulation of pharmaceutical products. Students are introduced to the fundamental concepts of states of matter, phase equilibrium, colligative properties, isotonicity, solubility, dissolution, partition coefficient, surface and interfacial phenomena, surface active agents, adsorption and rheological behavior of dosage forms focusing on the theory behind phenomena and its application in pharmacy needed for dosage form design.

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