

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	2
Associate Professor	NADA MOHAMED ALI ANWAR MOHAMED ELHOFFY	1
Associate Professor	NADA MOHAMED ALI ANWAR MOHAMED ELHOFFY	1
Lecturer	Maha Osama Abdelaziz Mohamed Elkayal	1
Lecturer	Maha Osama Abdelaziz Mohamed Elkayal	1
Assistant Lecturer	Rinada Hussien Sadek Hassan	2
Assistant Lecturer	Nada Zaghloul Ahmed Hussein	
Assistant Lecturer	Rinada Hussien Sadek Hassan	2
Teaching Assistant	Nourhan Hossam Mohamed Elsadek Elwan	
Teaching Assistant	RAWAN SHAABAN DAHY ABBAS	
Teaching Assistant	Youssef Amr Fathy Gomaa Fathallah	
Teaching Assistant	Reem Khaled Mohamed Ibrahim Wassif	1
Teaching Assistant	DAHAB ABDELAZIZ MOHAMED ALI ELAWADY	2
Teaching Assistant	Reem Khaled Mohamed Ibrahim Wassif	1
Teaching Assistant	Sara Azeez Abdelhameed Ali	1

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.

Description :

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.

