

Faculty of Pharmaceutical Sciences & Pharmaceutical Industries

Physical Pharmacy

Information :

Course Code : PHT 212

Level : Undergraduate

Course Hours : 3.00- Hours

Department : Faculty of Pharmaceutical Sciences & Pharmaceutical Industries

Instructor Information :

Title	Name	Office hours
Associate Professor	AZZA AHMED MOHAMED MAHMOUD	15
Associate Professor	AZZA AHMED MOHAMED MAHMOUD	15
Lecturer	RASHA SALAHELDIN MAHMOUD ELBATANONY	1
Assistant Lecturer	Maha Osama Abdelaziz Mohamed Elkayal	3
Assistant Lecturer	Shymaa Hatem Abdelaziim Saleh Emara	3
Assistant Lecturer	Shymaa Hatem Abdelaziim Saleh Emara	3
Teaching Assistant	Rinada Hussien Sadek Hassan	1
Teaching Assistant	Nada Zaghloul Ahmed Hussein	2
Teaching Assistant	Manar Magdy Labib Mohamed Essa	1
Teaching Assistant	Sara Azeez Abdelhameed Ali	1
Teaching Assistant	Reem Khaled Mohamed Ibrahim Wassif	3
Teaching Assistant	Yasmin Ahmed Emam El Tellawy	3
Teaching Assistant	Dahab Abdelaziz Mohamed Ali Elawady	
Teaching Assistant	Ahmed Samir Mohamed yacoub	1

Description :

This course aims to provide the student with good knowledge on some physical pharmacy principles essential for designing dosage form including state of matter and phase equilibria. It will also cover the physical phenomena related to solubility and colligative properties aiming to assist the preparation of pharmaceutical solutions and enhancing the drug solubility in different dosage forms. The course will also cover rheology, surface phenomena and surfactants to help in the production of successful pharmaceutical dispersion systems. The course emphasizes on those phenomena applicable to various topics of pharmaceuticals and focusing on the theories behind those needed for dosage form design.

Books :

Book	Author	Publisher
Martin's Physical Pharmacy and Pharmaceutical Sciences	Patrick J. Sinko	Lww