

## 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
Professor	Mona Ebrahim Abdel Tawab Ahmed Ellassal	
Lecturer	Maha Osama Abdelaziz Mohamed Elkayal	1
Lecturer	NADA MOHAMED ALI ANWAR MOHAMED ELHOFFY	1
Lecturer	Enas EIMaghawry Ibrahim Said	
Lecturer	AMIRA MOHSEN ABDELKADER GHONEIM	
Assistant Lecturer	Shymaa Hatem Abdelaziim Saleh Emara	1
Assistant Lecturer	Shymaa Hatem Abdelaziim Saleh Emara	1
Teaching Assistant	Nada Zaghloul Ahmed Hussein	
Teaching Assistant	Reem Khaled Mohamed Ibrahim Wassif	1
Teaching Assistant	Manar Magdy Labib Mohamed Essa	1
Teaching Assistant	Sara Azeez Abdelhameed Ali	1
Teaching Assistant	Rinada Hussien Sadek Hassan	2
Teaching Assistant	DAHAB ABDELAZIZ MOHAMED ALI ELAWADY	2

#### 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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