

Faculty of Pharmacy

Pharmaceutics III

Information :

Course Code : PT 505

Level : Undergraduate

Course Hours : 3.00- Hours

Department : Pharm D

Instructor Information :

Title	Name	Office hours
Professor	AZZA AHMED MOHAMED MAHMOUD	
Professor	Dalia Samuel Shaker Kirolos	1
Professor	Dalia Samuel Shaker Kirolos	1
Associate Professor	AMIRA MOHSEN ABDELKADER GHONEIM	
Lecturer	Shymaa Hatem Abdelaziim Saleh Emara	1
Lecturer	Shymaa Hatem Abdelaziim Saleh Emara	1
Assistant Lecturer	Manar Magdy Labib Mohamed Essa	
Assistant Lecturer	Aya Hussein Sayed Metwally Hassanein	
Assistant Lecturer	Nada Zaghloul Ahmed Hussein	
Teaching Assistant	DAHAB ABDELAZIZ MOHAMED ALI ELAWADY	1
Teaching Assistant	Esraa Mohamed Gomaa Awad Allah	
Teaching Assistant	Nourhan Hossam Mohamed Elsadek Elwan	
Teaching Assistant	Reem Khaled Mohamed Ibrahim Wassif	
Teaching Assistant	Youssef Amr Fathy Gomaa Fathallah	

Description :

The course introduces the students to the kinetics of drug degradation including rate and order of the reaction, factors affecting reaction kinetics, determination of the half-life, expiration date by different methods, prediction of product shelf-life, stability studies, degradation pathways and how to protect drugs in different pharmaceutical dosage forms. This course is also designed to provide the student with adequate knowledge on sterile dosage forms including parenterals and ophthalmic preparations, regarding principles of formulation, development, sterilization, packaging and quality control testing Principles for calculation and manipulation of parenterals, ophthalmic preparations, vaccines and blood products are emphasized.

