

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
Lecturer	Enas ElMaghawry Ibrahim Said	
Lecturer	Shymaa Hatem Abdelaziim Saleh Emara	4
Assistant Lecturer	Mahmoud Mostafa Mahmoud Gharib	
Teaching Assistant	Rawan Waleed Hussein Rashed Salehin	

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.