

**Faculty of Pharmacy**

**Biopharmaceutics and Pharmacokinetics**

**Information :**

**Course Code :** PHT 431

**Level :** Undergraduate

**Course Hours :** 4.00- Hours

**Department :** Faculty of Pharmacy

**Instructor Information :**

Title	Name	Office hours
Professor	Ehab Rasmy Bendas Wasef	4
Professor	Ehab Rasmy Bendas Wasef	4
Associate Professor	Nermeen Adel Ahmed Mohamed	
Lecturer	Enas ElMaghawry Ibrahim Said	
Lecturer	MOHAMED AHMED EMAD ABDELLATIF ELGENDY	
Lecturer	AMIRA MOHSEN ABDELKADER GHONEIM	5
Lecturer	MOHAMED AHMED EMAD ABDELLATIF ELGENDY	
Assistant Lecturer	Yasmin Ahmed Emam El Tellawy	3

**Description :**

Principles and applications of biopharmaceutics including physico-chemical, physiological and formulation factors affecting drug bioavailability. Sustained release formulation and evaluation. Study of the kinetics of drug absorption, distribution, metabolism and elimination of the drug in the body. It includes compartmental models, volume of distribution, mathematical review, kinetics of pharmacological effect, multiple dosing, renal impairment, renal and hepatic excretions and dosage regimen adjustment.