

**Faculty of Pharmacy**

**Biochemistry I**

**Information :**

**Course Code :** PB 301

**Level :** Undergraduate

**Course Hours :** 3.00- Hours

**Department :** Pharm D Clinical Pharmacy

**Instructor Information :**

Title	Name	Office hours
Associate Professor	Mai Mostafa Ahmed Mostafa Seleem	1
Associate Professor	Suzan Mohamed Mohamed Mansour	
Lecturer	Sara Faisal Abdelaal Ahmed Haridy	1
Lecturer	Sara Faisal Abdelaal Ahmed Haridy	1
Lecturer	Suzan Magdy Ismaeil Ahmed	1
Lecturer	MOHAMED AHMED MAHMOUD SALEM	
Lecturer	Salma Nasser Ali Hassan Amer	
Assistant Lecturer	Esraa Akram Helmi Ali Elhefnawy	
Assistant Lecturer	Samar Hussein Ibrahim Mohamed	
Assistant Lecturer	Mohamed Salah Attia Radwan Ali	
Assistant Lecturer	Samar Hussein Ibrahim Mohamed	
Assistant Lecturer	Hoda Mohamed Ibrahim Elsayed Bayoumy	
Teaching Assistant	Reem Ehab Ali Kholef	

**Description :**

Proteins (protein structure- types of simple, conjugated and derived proteins- functions of various proteins- some biologically important peptides) - Enzymology (enzyme characteristics and kinetics - regulation - enzyme inhibitors as drugs) - Hemoglobin and porphyrins (Hb derivatives and types- metabolism of Hb and regulation) - Biological oxidation (electron transport chain- oxidative phosphorylation and ATP synthesis - inhibitors and uncouplers- free radicals and antioxidants) - Nucleic acids (DNA replication- RNA transcription . Translation and protein synthesis).