

**Faculty of Pharmacy**

**Biochemistry-1**

**Information :**

**Course Code :** PBC 211

**Level :** Undergraduate

**Course Hours :** 3.00- Hours

**Department :** Faculty of Pharmacy

**Instructor Information :**

<b>Title</b>	<b>Name</b>	<b>Office hours</b>
Professor	Hebatallah Abdulmoaty Mohamed Mahmoud Darwish	2
Associate Professor	Mai Mostafa Ahmed Mostafa Seleem	6
Assistant Lecturer	Aya Ahmed Kamal Zayed	5
Assistant Lecturer	Suzan Magdy Ismaeil Ahmed	3

**Description :**

This course introduces the concepts of cellular biology including the outlines, functions of cell components, different transport mechanisms through the plasma membrane as well as the basic concepts and fundamentals of biochemistry. The course covers the physical and chemical properties of different biomolecules; carbohydrates, lipids, proteins, and nucleic acids and their functions, enzyme mechanisms and controlling enzyme activity , biochemistry of hemoglobin and the basic principles of molecular biology. The laboratory application to study the physical and chemical properties of different biochemical molecules and the enzyme activity are included.