

**Faculty of Pharmaceutical Sciences & Pharmaceutical  
Industries**

**General and Physical Chemistry**

**Information :**

**Course Code :** PHC 101

**Level :** Undergraduate

**Course Hours :** 4.00- Hours

**Department :** Faculty of Pharmaceutical Sciences & Pharmaceutical Industries

**Instructor Information :**

Title	Name	Office hours
Professor	Amr Mohamed Mohamed Badawey	2
Teaching Assistant	Hagar Magdi Mohamed Mostafa	

**Description :**

The Course deals with quantum theory and electronic structure of atoms, periodic Table, bonding and structure, covalent bonding orbitals. The course includes also study of gases, liquids and solid state. Solubility and dissolution rate. Properties of solutions. Chemical equilibria and law of mass action. Thermodynamics. Dispersion systems. Molecular and intermolecular forces.