

**Faculty of Pharmacy**

**Medicinal Chemistry I**

**Information :**

**Course Code :** PC 507

**Level :** Undergraduate

**Course Hours :** 3.00- Hours

**Department :** Pharm D

**Instructor Information :**

Title	Name	Office hours
Associate Professor	ASMAA ABDELKERIM MANDOUR KHADR	3
Associate Professor	ASMAA ABDELKERIM MANDOUR KHADR	3
Associate Professor	Iten Mamdouh Fawzy Abdelmotaleb	
Lecturer	Yomna Ibrahim Hassan El Gazzar	0
Assistant Lecturer	Dina Yousry Mohamed Kamel El Ansary	
Assistant Lecturer	Esraa Akram Helmi Ali Elhefnawy	
Assistant Lecturer	Dina Yousry Mohamed Kamel El Ansary	
Researcher	J J Keating .	

**Area Of Study :**

The course includes the study of chemical structures, nomenclatures, interactions with the receptor binding sites (mechanism of action), structure activity relationships, synthesis and metabolic pathways of different chemical classes of various medicinal active agents which includes: Antibiotics, Anti-infective, Anthelmintics, Antifungal drugs, and others Chemotherapeutic agents. Finally, various Anticancer therapies, and related drugs are also covered. The practical course is designed to expose the students to various synthetic and purification techniques in medicinal chemistry and methods of determination of drug substance, dosage forms and purity tests

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