

**Faculty of Pharmacy**

**Medicinal Chemistry II**

**Information :**

**Course Code :** PC 608

**Level :** Undergraduate

**Course Hours :** 4.00- Hours

**Department :** Pharm D

**Area Of Study :**

This course is tailored to assist the students to gain concrete knowledge about 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 drugs affecting: the autonomic nervous system (ANS), cardiovascular system (CVS), central nervous system (CNS) and drugs affecting neurodegenerative disorders. Moreover, endocrine-related drugs (Diabetes, thyroid and steroidal hormones), antihistamines (H1, H2 blockers and anti-ulcer PPIs), drugs controlling pain and inflammation (NSAIDs) are also studied.

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