

**Faculty of Pharmacy****Phytochemistry II****Information :****Course Code :** PG 505**Level :** Undergraduate**Course Hours :** 2.00- Hours**Department :** Pharm D Clinical Pharmacy**Instructor Information :**

| Title               | Name                                          | Office hours |
|---------------------|-----------------------------------------------|--------------|
| Associate Professor | NOHA HASSAN KHALIL IBRAHIM                    |              |
| Lecturer            | YASMIN ALAAELDIN AHMED HUSSIEEN               | 5            |
| Assistant Lecturer  | AHMED ABDELAZEEM NASRELDEEN MOHAMED ZAGHLOL   |              |
| Assistant Lecturer  | Eman Mohamed Salah Ibrahim Gabal              |              |
| Assistant Lecturer  | RAWAN SHAABAN DAHY ABBAS                      |              |
| Assistant Lecturer  | Reem Khaled Mohamed Ibrahim Wassif            |              |
| Teaching Assistant  | Abdelfattah Elsayed Madbouly Elsayed Abdelaal |              |

**Description :**

The course aims to enable students to demonstrate knowledge of basic concepts of chemistry and bioactivities of alkaloids, tannins and antioxidants as well as chromatographic techniques for their isolation and identification. The course emphasizes on drugs with valuable use in the Egyptian and worldwide markets, such as drugs affecting CNS, drugs ameliorating liver diseases and anti-inflammatory agents. Finally, the course focuses on the structure activity relationships (SAR) of these natural products derived compounds and their pharmacophoric features.