

Faculty of Pharmacy

Phytochemistry I

Information :

Course Code : PG 404

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	Haitham Abbas Ali El Fiky	
Lecturer	YASMIN ALAAELDIN AHMED HUSSIEN	3
Assistant Lecturer	RAWAN SHAABAN DAHY ABBAS	
Assistant Lecturer	AHMED ABDELAZEEM NASRELDEEN MOHAMED ZAGHLOL	
Teaching Assistant	Abdelfattah Elsayed Madbouly Elsayed Abdelaal	

Description :

Based on complementary medicine and Egyptian medicinal plants that can be used as natural extracts, bioactive raw materials and phytochemical standards to serve the pharmaceuticals, cosmetics and food industries in Egypt. The course aims to give students the knowledge and skills that enable them to understand, describe and deal with the chemistry of volatile oils, resins, miscellaneous terpenoids, bitters, alkaloids, glycosides, tannins, antioxidants and carbohydrates of plant or animal origin and different techniques used for their preparation, identification and determination. Also, the students should become aware of different chromatographic methods used for isolation and analysis of different subplant constituents and their pharmacological actions and medicinal uses.