

Faculty of Pharmacy

Instrumental Analysis

Information :

Course Code : PCE 002

Level : Undergraduate

Course Hours : 2.00- Hours

Department : Pharm D Clinical Pharmacy

Instructor Information :

Title	Name	Office hours
Lecturer	Ola Gamal Hussein Farrag	0
Lecturer	Sara Abdel Rsheed Mohamed Mohamed Elhanboushy	1
Assistant Lecturer	MARYAM AHMED ABDELRAOUF BAKR	
Teaching Assistant	Nada Ahmed Hader Ahmed	

Description :

Spectroscopic methods of analysis which include uv/vis spectroscopy, principal, instrumentation, factors affecting absorption and applications in pharmaceutical analysis. Fluorimetric methods, principal instrumentation, factors affecting fluorescence intensity and applications in pharmaceutical analysis. Atomic spectroscopy; principal and instrumentation. Chromatographic methods for analytical chemistry which includes: TLC, gel chromatography, column chromatography, HPLC, UPLC, TLC, gas chromatography, capillary electrophoresis.