

Faculty of Pharmacy

Pharmaceutical Analytical Chemistry II

Information :

Course Code : PC 203

Level : Undergraduate

Course Hours : 3.00- Hours

Department : Faculty of Pharmacy

Instructor Information :

Title	Name	Office hours
Associate Professor	DINA ABBAS AHMED MOSTAFA	7
Associate Professor	DINA ABBAS AHMED MOSTAFA	7
Lecturer	Ola Gamal Hussein Farrag	3
Lecturer	Haitham Abbas Ali El Fiky	2
Lecturer	Sara Abdel Rsheed Mohamed Mohamed Elhanboushy	6
Assistant Lecturer	Eman Mohamed Salah Ibrahim Gabal	
Assistant Lecturer	Reem Khaled Mohamed Ibrahim Wassif	
Assistant Lecturer	MARYAM AHMED ABDELRAOUF BAKR	2
Assistant Lecturer	Soad Emad Abo El Hoda Ibrahim	3
Assistant Lecturer	Soad Emad Abo El Hoda Ibrahim	3
Teaching Assistant	Nada Ahmed Hader Ahmed	
Teaching Assistant	Reem Ehab Ali Kholef	
Teaching Assistant	Mai Khaled Abdelmenem Elsaied	
Teaching Assistant	Yasmeen Ehab Gamal Gadallah	
Teaching Assistant	Ashrakt Eslam Ahmed Header	

Description :

This course deals with quantitative analysis of selected samples either individually or in mixtures. It includes; neutralization reactions in aqueous medium [acids & bases, pH , calculation of pH of different electrolytes, buffer solutions, detection of end point]. Complexation reactions (types of complexing agents, detection of end point, cyanometric, mercurimetric and EDTA titrations). Precipitation reactions [detection of end point, argentometric determinations (Mohr`s method, Volhard`s method, Fajan`s method, Leibeg`s method)]. Oxidation . Reduction reactions, Nernst equation, factors affecting oxidation potential, detection of end point, permanganometry, iodometry, iodimetry.

