

Faculty of Pharmacy
Pharmaceutical Microbiology

Information :

Course Code : PM 502

Level : Undergraduate

Course Hours : 3.00- Hours

Department : Pharm D

Instructor Information :

Title	Name	Office hours
Professor	Yasser EIMohammadi Mohamed Ragab	
Associate Professor	Marwa Mahmoud Raafat Abdel Fadiel Hassan	
Associate Professor	MARWA ALI MOHAMED TAMMAM	1
Lecturer	Ahmed Said Abuzaid Ahmed	
Assistant Lecturer	Nada Anwar Abdelrazek Hegazy	
Assistant Lecturer	Amr Ali Abass Ahmed Hemeda	
Assistant Lecturer	Nada Anwar Abdelrazek Hegazy	
Assistant Lecturer	Amr Ali Abass Ahmed Hemeda	
Teaching Assistant	Aya Mostafa Mahmoud Ghareeb	
Teaching Assistant	AYA YASSER ALI MOHAMED ALI	
Teaching Assistant	Alaa Atef Fawzy Hassan	
Teaching Assistant	Shorouk Samy Aboeela Hemid	
Teaching Assistant	Nada Essam Aboeizz Ali	
Teaching Assistant	Eman Abdel Baset Mohamed Mohamed	
Teaching Assistant	Nada Essam Aboeizz Ali	
Teaching Assistant	Aya Mostafa Mahmoud Ghareeb	
Teaching Assistant	Alaa Atef Fawzy Hassan	
Teaching Assistant	Eman Abdel Baset Mohamed Mohamed	

Description :

This course describes in detail the physical and chemical methods for effective control of microbial growth in the field of pharmaceutical industry / hospitals. It includes different methods of sterilization, and validation of sterilization process. The course addresses classes and modes of action of chemotherapeutic agents and non-antibiotics antimicrobial agents including the new approaches to overcome bacterial resistance. The course includes microbiological evaluation of antibiotics and non- antibiotics. Laboratory procedures such enumeration and identification of microbial contaminants in commercial pharmaceutical products, sterility test and evaluation of antimicrobial effectiveness are also covered.

