

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
Associate Professor	Marwa Mahmoud Raafat Abdel Fadiel Hassan	
Lecturer	Nada Anwar Abdelrazek Hegazy	1
Assistant Lecturer	Amr Ali Abass Ahmed Hemed	

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.