

**Faculty of Pharmacy**  
**General Microbiology and Immunology**

**Information :**

**Course Code :** PM 401

**Level :** Undergraduate

**Course Hours :** 3.00- Hours

**Department :** Pharm D

**Instructor Information :**

Title	Name	Office hours
Associate Professor	MARWA ALI MOHAMED TAMMAM	2
Lecturer	Nada Anwar Abdelrazek Hegazy	2
Assistant Lecturer	Amr Ali Abass Ahmed Hemeda	
Assistant Lecturer	Aya Mostafa Mahmoud Ghareeb	

**Area Of Study :**

The course covers the fundamental aspects of microbiology including: taxonomy, structure, physiology, growth, reproduction and genetics. Basic techniques for staining and identifying microorganisms are emphasized in the laboratory. Moreover, it introduces the basic concepts of medical immunology, with an emphasis on host parasite relationship, non-specific and specific immunity including antibody and cell-mediated immunity. The course also covers antigen and antibody structure, function and types, complement system, active and passive immunization, in vitro antigen antibody reactions, hypersensitivity, immuno-deficiency, auto-immune disease and organ transplantation.

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