



**Israa University**  
**Faculty of Health Professions**  
**Medical Laboratory Department**

**Course Title:** Medical Mycology

**Course Code:** MEDI 3255

**Course Credits:** 2 credits

**Semester:** Second semester

**Course Instructor:** Dr. Abdallah Awad

**Office:** Medical Laboratory Department

**A. Course Description:**

The course is designed to introduce the students with the basic conception of medical mycology, classification of fungi, reproduction methods of fungi, types of fungal diseases (superficial, cutaneous, subcutaneous, and systemic diseases), laboratory diagnosis of fungal infection; methods of isolation and cultivation of fungi; antifungal drugs; mycotoxin and their significance.

**B. Course Objectives:**

At the end of this course the student will develop skills to:

1. Understand basic fungal morphology, structure, and reproduction
2. Know the classification of medically important fungi
3. Understand the spectrum of diseases that the medically important fungi cause
4. Know and understand antifungal agents
5. Know and understand the importance of the used laboratory techniques in fungal diagnosis
6. Define mycotoxins and mycotoxicosis