

**Tehran University of Medical Sciences**  
**School of Public Health**  
**Department of Medical Parasitology and Mycology**  
**MS.c. in Medical Mycology**

School of Public Health

Department of Medical Parasitology and Mycology

**Title:** Medical Mycology

**Degree:** M.Sc.

**Duration:** 2-2.5 years

**Introduction:**

The field of Medical Mycology is a branch of medical sciences that deals with those organisms that have become dependent on the human body.

**Aim:**

The main mission of the course is to train people in Medical Mycology. This multidisciplinary field can lead to a career as fungi in fields like diagnosing the agent of fungi-infections diseases, control strategies, research, facilitating and training others.

**Outcomes and Principal roles and tasks of the Graduates:**

- Service activities: including participating in control and prevention programs of fungi disease, doing fungi exams, and report of the exams in the clinical laboratory.
- Educational Activities: preparing fungi samples, teaching for BS.c. students and help in teaching for graduates.
- Research activities: coordinating in medical fungi and mycosis research project.

**Conditions of Admission to the Course:**

A bachelor of science degree (BS.c.) in one of the fields of mycology, Entomology, Microbiology, Immunology, Laboratory Sciences, Veterinary Laboratory Sciences, General Biology, and Biology in the trend of other fields (Animal Science, Cellular sciences,

Molecular Sciences and Microbiology) and Genetic can participate for this course.

### **Student Assessment:**

Periodic, monitoring of the progress and completion of the thesis

### **The Courses in the Medical Mycology M.Sc. Degree**

<b>Epidemiology</b>	<b>2</b>
<b>Research methods</b>	<b>2</b>
<b>General Medical Parasitology</b>	<b>2</b>
<b>Statistics method</b>	<b>3</b>
<b>Introduction to medical mycology</b>	<b>3</b>
<b>Immunomycology</b>	<b>2</b>
<b>Superficial and cutaneous mycoses</b>	<b>3</b>
<b>Subcutaneous and submucosal mycoses</b>	<b>3</b>
<b>Systemic mycoses infection</b>	<b>1</b>
<b>Project and seminar</b>	<b>1</b>
<b>Training in lab</b>	<b>2</b>
<b>Laboratory animals</b>	<b>1</b>
<b>Thesis</b>	<b>6</b>