

In the Name of God

Section I:

Title: Occupational Medicine

Degree: Specialty

Introduction:

Department of Occupational Medicine was established in 1994 under organizational support of the Faculty of Medicine - Tehran University of Medical Sciences. As the first and largest department of Occupational Medicine in Iran, this department utilizes the most advanced and up-to-date facilities in multiple centers.

Definition

Occupational medicine is a clinical specialty which is about the reciprocal effects of occupation, environment and health on each other

Program duration: 3 years

The Aim of the Course:

The graduates will be involved in diagnosis, evaluation, prevention, management and treatment of diseases and damages related to occupation. They will be able to maintain and promote health (Physical, mental and social).

***General Competencies** (including communicative, interviewing, educational, writing, reporting, critical thinking, problem solving, managerial as well as professionalism)

Specific Competencies and Skills:

At the end of the program learners will be competent at the following skills:

- Patch Test
- Skin prick test
- Maintenance of Wakefulness Test
- Vo₂ max determination
- Spirometry
- Bronchodilator Challenge Test
- Methacholine Challenge Test
- Specific Challenge Test
- Diffusing Capacity (DLCO)
- Peak Expiratory Flow Rate
- Plethysmography

Terms and Conditions of Admission to the Course

- Holding an MD degree
- Having passed the national entrance exam

*Educational Strategies, Methods and Techniques

Student Assessment

Methods:	Periods:
MCQ	Twice /Year
DOPS	Annual
Log book	Every 3 Months
CBD	Twice /Year

Number and Type of Credits and Tables of the Courses (including compulsory and optional [elective] courses)

Residency Level (Year)	Educational field	Content	Duration
1 st	Classroom	Occupational diseases, toxicities	7 months
		Basis of occupational examination	
		Occupational and environmental health, ergonomic basis	
		Epidemiology, Biostatistics, research methodology	
		Occupational physiology, rules and regulations	
	Out-patient Clinic	Documentation, history taking, physical exam, referral	5 months
	Hospital	Clinical fields rotation	
	Industries	Industrial field visit	
	Out-patient Clinic	Occupational medicine clinic	
2 nd	Out-patient Clinic	Clinical fields rotation	12 months
	Hospital	Industrial field visit	
	Industries	Occupational medicine clinic	
3 rd	Out-patient Clinic	Clinical fields rotation	11 months
	Hospital	Industrial field visit	
	Industries	Occupational medicine clinic	
	Health Network	Introduction to occupational health services	1 month

Ethical Issues

The graduates should,

- Observe the Patient's Bill of Rights¹ when working with the patients.
- Strictly observe Biosafety and Patient Safety Rules* concerning patients, personnel and workplace.
- Observe the Rulebook for Dress Code².
- Strictly observe the Regulations of Working with the Laboratory Animals³.
- Carefully preserve resources and equipment.
- Truly respect faculty members, staff, classmates and other students and work for creating an intimate and respectful atmosphere.
- Observe social, professional and ethical considerations in criticism.

1, 2 and 3 are contained in the Enclosures.

* Biosafety and Patient Safety Rules will be set out by the educational departments and will be available to students.

*Note: The related document(s) can be found at <http://hcmeq.behdasht.gov.ir/>