

## In the Name of God

### Islamic Republic of Iran Ministry of Health and Medical Education Deputy for Education

## Occupational Medicine Degree: Specialty

#### Definition and Duration of Program:

Occupational medicine is a clinical specialty which is about to reciprocal effects of occupation, environment and health on each other. 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 (physical, mental and social) health.

**Program duration: 3 years**

#### Admission Requirements

- Holding an MD degree
- Having passed the National Entrance Exam

#### Expected Competencies at the End of the Program

##### General Competencies\*

##### Specific Competencies and Skills

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

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

#### Educational Strategies, Methods and Techniques\*

#### Student Assessment (Methods and Types)

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

## **Ethical Considerations\***



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

**The overall structure of the course:**

Residency Level (Year)	Educational field	Content	Duration
1 <sup>st</sup>	Classroom	Occupational diseases, toxicities	7 months
		Basis of occupational examination	
		Occupational and environmental health, ergonomic basis	
		Epidemiology, Bio-statistics, research method	
		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 <sup>nd</sup>	Out-patient Clinic	Clinical fields rotation	12 months
	Hospital	Industrial field visit	
	Industries	Occupational medicine clinic	
3 <sup>rd</sup>	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

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