

## **In the Name of God**

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

## **Medical Education**

### **Degree: Master of Science (MSc)**

#### **Total Course Credits**

- Core: 22
- Non-core (Electives): 4
- Thesis (MSc): 6

#### **Program Description**

MSc in Medical Education is an interdisciplinary program in which graduates would be able to help the instruction process by performing research and finding logical answers. The program, with a special focus on educational sciences is designed for those wishing to develop their roles as educators. Candidates will learn to use suitable teaching strategies and educational theories to enhance the quality of education.

Those with a master in Medical Education will be able to prepare lesson and course plans, together with proper educational instructions. They can help educational groups to revise and correct educational programs. They can cooperate with educational groups in universities and colleges to develop more effective educational strategies. They will additionally design and perform suitable pieces of research in order to recognize educational problems and provide suitable solutions respectively.

#### **Admission Requirements**

Applicants should take part in an Entrance Exam administered by Iran's Ministry of Health and Medical Education. Then, among the applicants meeting the Exam requirements, priority will be given to those meeting the following conditions, in order of priority:

- Faculty members teaching in colleges or universities of medical sciences
- Faculty members teaching in Islamic Azad universities of Medical Sciences (These applicants should pay tuition for completing the program)
- Those with a master's degree (MSc) in one of the fields of medical sciences
- Those with a PhD degree in general medicine, pharmacy, dentistry and clinical specialties and subspecialties

## **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:

- Performing research in education
- Optimizing the quality of education
- Contributing to the development of E-Learning activities
- Managing the evaluation system
- Evaluating the educational system

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

#### **Student Assessment (Methods and Types)**

##### **Type of Assessment:**

- Formative (Quizzes and Midterm Exam)
- Summative (Final Exam)

##### **Methods of assessment:**

- Oral, written, and OSCE assessment

#### **Ethical Considerations\***

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

## Tables of the Courses

**Table 1: Compensatory Courses (First Semester)**

Code of the Course	Title of the Course	Credits			Prerequisite or Concurrent Courses
		Theoretical	Practical	Total	
143023	Curriculum Development (1)	0.5	0.5	1	-
143024	Learning Theories and Basic Teaching Skills	0.5	1.5	2	-
143025	Interpersonal and Doctor-Patient Communication Skills	1	1	2	-
143026	Curriculum Evaluation Methods (1)	0.5	0.5	1	-
143027	Students` Assessment Methods(1)	0.5	1	1.5	-
143005	Computer Applications in Education (1)	2	-	2	-
143006	English(1)	-	2	2	-
<b>total</b>		<b>5</b>	<b>6.5</b>	<b>11.5</b>	<b>-</b>

**Table 2: Core Courses (Second Semester)**

Code of the Course	Title of the Course	Credits			Prerequisite or Concurrent Courses
		Theoretical	Practical	Total	
143028	Curriculum Development (2)	1	1	2	-
143030	Curriculum Evaluation Methods (2)	1	1	2	-
143010	Students` Assessment Methods(2) [Practical and Clinical Tests]	1.5	1	2.5	-
143031	Methods of Research in Medical Education(1)	1.5	0.5	2	-
<b>Total</b>		<b>3.5</b>	<b>5</b>	<b>8.5</b>	<b>-</b>

**Table 3: Core Courses (Third Semester)**

Code of the Course	Title of the Course	Credits			Prerequisite or Concurrent Courses
		Theoretical	Practical	Total	
143022	Methods of Research in Medical Education (2)	1	1	2	-
143011	Teaching and Learning Patterns	1	1	2	-
143012	Educational Design in Medical Sciences	1	1	2	-
143015	Computer Applications in Education (2)	-	1	1	-
143033	Clinical Teaching	1.5	1	2.5	-
	<b>Total</b>			<b>9.5</b>	-

**Table 4: Core Courses (Fourth Semester)**

Code of the Course	Title of the Course	Credits			Prerequisite or Concurrent Courses
		Theoretical	Practical	Total	
143032	Leadership and Management in Medical Education and Economics of Education	3	-	3	-
143016	Design, Implementation and Evaluation of Educational Workshops	-	1	1	-
	<b>Total</b>	<b>3</b>	<b>1</b>	<b>4</b>	-

**Table 5: Non- Core Courses (Fifth Semester)**

Code of the Course	Title of the Course	Credits			Prerequisite or Concurrent Courses
		Theoretical	Practical	Total	
143035	English(2)	2	2	2	
143034	Evidence Based Medical Education BEME	1	1	2	
143019	Computer Applications in Education 3 (E-Learning and Distance Learning)	-	2	2	
	<b>Total</b>	<b>3</b>	<b>3</b>	<b>6</b>	

**Table 6: Thesis (Sixth Semester)**

Code of the Course	Title of the Course	Total Number of Credits	Prerequisite or Concurrent Courses
143020	Thesis	6	Courses Passed in Previous Semesters

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