
*Medical Education Degree Program:
MSc
Tehran University of Medical Sciences*



We Will Write a Better Future
FOR
Health Professions Education

Medical Education

Degree: Master of Science (MSc)

Program Description

MSc in Medical Education is an interdisciplinary program with a special focus on educational sciences which is designed for those who wish to develop their role as educators. Candidates will learn to apply appropriate educational theories and strategies to enhance the quality of medical education activities. They can contribute in teams to revise, develop and evaluate curriculum, cooperate to create effective educational opportunities, design and perform pieces of research in order to address gap of knowledge in the field of medical education and adopt a scholarly approach to medical education.

Who are eligible for application?

- Faculty members who teach in the field of health professional education
- The holders of a PhD or MSc or BSc in one of the fields of medical sciences
- Post graduate students in the field of health professional education

Graduate Competencies

- Applying learning theories to design appropriate educational interventions and opportunities.
- Performing needs assessments for various educational programs
- Contributing in curriculum development/ revision in medical education
- Contributing in program and teacher evaluation
- Designing E-courses and e-contents (e-learning in medical education)
- Assessing students appropriately
- Adopting a scholarly approach to medical education
- Designing faculty development activities
- Designing and conducting research in medical education
- Designing educational environment

Educational Strategies, Methods and Techniques

Believing in a student- centered paradigm, we utilize a wide range of active learning strategies including: Discussions, TBL, flipped classes, structured controversy and case-based leaning.

Student Assessment (Methods and Types)

Both Formative and Summative Methods of assessment including; written tests, assessment of participation in group activities, projects and assignments are used.

Table 1: First Semester

Code	Title of the Course	Credits			Course director
		Theoretical	Practical	Total	
143024	Learning theories	0.5	1.5	2	
143011	Teaching and learning: Basics and principles	1	0.5	1.5	
143023	Curriculum Development	0.5	0.5	1	
143026	Program Evaluation	1	1	2	
143027	Students` Assessment (1)	0.5	1	1.5	
143005	Search literacy	1	1	2	
143006	Educational terminology	1	-	1	
total		5.5	5.5	11	

Table 2: Second Semester

Code	Title of the Course	Credits			Course director
		Theoretical	Practical	Total	
143028	Curriculum themes	1	1	2	
143030	Teacher Evaluation	0.5	0.5	1	
143025	Communication skills for an educator	0.5	0.5	1	
143010	Students` Assessment (2)	1	1	2	
143012	Active Teaching and learning methods	1	1	2	
143031	Methods of Research in Medical Education (1)	1.5	0.5	2	
Total		5.5	4.5	10	

Table 3: Third Semester

Code	Title of the Course	Credits			Course director
		Theoretical	Practical	Total	
143022	Methods of Research in Medical Education (2)	1	1	2	
143034	BEME	1	1	2	
143019	E-Learning	1	1	2	
143033	Clinical Teaching	1	1	2	
143016	Faculty Development	-	1	1	
143032	Scholarship of teaching and learning	1	1	2	
143038	Educational Environment	0.5	0.5	1	
143012	Leadership of change	0.5	0.5	1	
	Total	6	7	13	

Table 4: Thesis (Fourth Semester)

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