



TEHRAN UNIVERSITY
OF
MEDICAL SCIENCES

School of Nursing and Midwifery



M.Sc. in Midwifery: Mother and Child Health

Section I

Title: M.Sc. in Midwifery: Mother and Child Health

Introduction

Midwifery, as known as obstetrics, is a science and profession that deals with pregnancy, childbirth, and the postpartum period (including care of the newborn) as well as sexual and reproductive health of women throughout their lives. In many countries, midwifery is a medical profession distinguished by its independent and direct specialized education. (Not to be confused with a medical specialty, which depends on a previous general training). A professional in midwifery is known as a midwife.

Definition

M.Sc. in Midwifery program is a combination of theoretical, practical and research education which has been developed to train committed and skilled professionals who possess scientific and practical knowledge in education, research and holistic midwifery services.

The Aim of the Course

M.Sc. in Midwifery program is one of the postgraduate medical science programs that aims at train skilled and committed midwives capable of providing managerial, educational, research and clinical midwifery services to patients by using new midwifery concepts, understanding reproductive health needs of the society, and applying new management theories in different fields. Therefore, the graduates of this program are expected to contribute to the development of midwifery profession and improvement of quality services by using the art of education and effective communication in accordance with the context of society.

Mission

The main mission of this program is to train committed and skilled professional midwives capable of providing specialized midwifery services in different fields such as clinic, health, education and research. In this mission, the following factors must be considered:

1. Paying attention to students and teachers to gain the highest professional standard
2. Providing desirable midwifery services and required trainings
3. Providing managerial services regarding reproductive health
4. Obtaining scientific advances with continuous education
5. Creating favorable ground for scientific and research exchanges at national and international levels

6. Creating favorable ground for education at higher levels

7. Producing science and new knowledge through research, publication, translation, etc.

Vision

Considering vastness and daily promotion of standards of midwifery services that have been achieved in developed countries, it is expected that, educational centers train capable professionals who possess minimum educational standards to respond to society's needs.

General Competencies

The skills and competences of the graduates include:

- Effective communication
- Interview
- Training and education
- Writing
- Reporting
- Clinical thinking
- Problem solving
- Management
- Professionalism

Specific Competencies and Skills (Special Qualifications)

The graduated have different roles including clinical, educational, consultancy, research, and managerial roles.

- Clinical: to deliver midwifery and reproductive health services
- Research: to conduct research in the field of midwifery and reproductive health
- Educational: to train midwifery and reproductive health students in educational centers
- Consultancy: to provide consultancy services regarding midwifery and reproductive health for clients in health center
- Managerial: to provide managerial and planning services regarding midwifery and reproductive health in health and research centers

The Terms and Conditions of Admission

- To pass the entry exam in accordance with the rules and regulation of the Ministry of Health
- To have a bachelor's degree in midwifery or nursing from one of the universities approved by the Ministry of Health

Entry exam subjects, and credits

Subject	Credit
Pregnancy, birth, and women's diseases	4
Medical and surgical diseases related to midwifery	1
Mother and baby's health and nutrition, family planning	2
Infant and related care	2
Embryology	1
General English	2
Total	12

Educational Strategies, Methods, and Techniques: lecture (question and answer, video clip), journal club, case presentation, discussions in small groups, seminars and conferences, site visits (for example Nursing Office of the Tehran University of Medical Sciences and Iranian Nursing Organization), and clinical and managerial practice in health care fields

Student Assessment

Written assessment [multiple choice questions (MCQ), essay (restricted and extended answer)], oral assessment (unstructured and structured oral exams), interactive computer test, and practical assessment (projects, portfolio, and logbook, laboratory observations).

Module's description according to educational semester (Mother and Child Health)

First semester: Compulsory-elective modules (Mother and Child Health)

No.	Code	Module	Type and credits of module			Total credit	Prerequisite
			Theory	Practical	Practicum		
1		Physiology	-	1	-	1	

		(practicum)					
2		Advanced biostatistics and statistical analysis	1	1	-	2	
3		Research methodology	2	-	-	2	
4		Reproductive health (1)	1	-	-	1	
5		Counselling in midwifery and reproductive health	1.5	0.5	-	2	
6		Physiopathology in pregnancy	2	-	-	2	
7		Pregnancy, childbirth, and new concepts in midwifery (1)	2	-	-	2	
8		Woman and family psychology	1	-	-	1	
9		Medical information technologies	0.5	0.5	-	1	
Total credits			11	3		14	

Second semester: Compulsory-elective modules (Mother and Child Health)

No.	Code	Module	Type and credits of module			Total credit	Prerequisite
			Theory	Practical	Practicum		
1		Seminar in research	0.5	1.5	-	2	
2		Midwifery and health theories and models	1	-	-	1	
3		Identifying infants who require intensive care	1	1	-	2	
4		Reproductive health (2) - Mother and child health	1.5	0.5	-	2	
5		Sociology and social harms	1	-	-	1	
6		Pediatric diseases and special/exceptional children issues	1.5	0.5	-	2	
7		Planning educational program and designing and evaluating educational system	2	-	-	2	
Total credits			8.5	3.5		12	

Third semester: Compulsory-elective modules (Mother and Child Health)

No.	Code	Module	Type and credits of module			Total credit	Prerequisite
			Theory	Practical	Practicum		
1		Reproductive health (3) – Epidemiology of family and society	2	1	-	3	
2		Reproductive health (4) – Planning, management and promotion of reproductive health	1	1	-	2	
3		Hereditary diseases and genetic counselling	0.5	0.5	-	1	
4		Teaching methods and techniques – Teaching practice	1.5	0.5	-	2	
5		Application of computer in medical sciences	1	1	-	2	
6		Thesis	6	-	-	6	
Total credits			6+6	4	-	6+10	

Fourth semester: Compulsory-elective modules (Mother and Child Health)

No.	Code	Module	Type and credits of module			Total credit	Prerequisite
			Theory	Practical	Practicum		
1		Thesis	6	-	-	6	
Total credits			6	-	-	6	