



TUMS School of Nursing & Midwifery

## **M.Sc. Midwifery: Mother and Child Health**



2018

## **Section I:**

### **Title: M.Sc. Midwifery: Mother and Child Health**

#### **Introduction**

Midwifery, as known as obstetrics, is a health science and health profession that deals with pregnancy, childbirth, and the postpartum period (including care of the newborn), besides sexual and reproductive health of women throughout their lives. In many countries, midwifery is a medical profession (special for its independent and direct specialized education; should not 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. 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. midwifery program is one of the postgraduate medical science programs that aim to 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 field such as; clinic, health, education and research. In this mission, 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 need.

**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 ministry of health
- To have bachelor degree in midwifery or nursing from one of the universities approved by 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, and family planning	2
Infant and related care	2
Embryology	1
General English	2
Total	12

**Educational Strategies, Methods and Techniques:** lecture (question & 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 & extended answer)], oral assessment (unstructured and structured oral exams), interactive computer test, and practical assessment (projects, Portfolio, and Logbook, lab 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 (practicum)	-	1	-	1	
2		Advanced biostatistics & 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 & 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	

### Forth 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	