



TEHRAN UNIVERSITY
OF
MEDICAL SCIENCES

School of Nursing and Midwifery

Midwifery

(General specifications, plans, and headlines)

Section I

Title: Midwifery (B.Sc.)

Degree: B.Sc.

General Competencies

Communication skills, interviewing, educational, writing, reporting, critical thinking, problem solving, managerial ones, as well as professionalism.

Specific Competencies and Skills (Special Qualifications)

Graduates' roles include caring, education, research, consultancy, management, and rehabilitation.

The Terms and Conditions of Admission to the Course

- Academic qualification
- Being mentally and physically healthy
- Recommendation letter
- English qualification

Educational Strategies, Methods, and Techniques

Educational Strategies

Task-based learning blended learning (teacher-centered and student-centered), blended learning (attendance and DLN), problem-based learning, professional competency-based learning, and evidence-based learning.

Methods and Techniques:

Lectures (question and answer, video clips), 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, logbook, and laboratory observations).

Number and Type of Credits and Tables of the Courses (including compulsory and optional [elective] courses)

Code	Title of the module	Number of credits	Types of the module	Prerequisite(s)
01	Histology and Cytology	2 (43 hours)	Theory-Practice	-
02	Biochemistry	2 (43 hours)	Theory- Practice	-
03	Anatomy 1	2 (43 hours)	Theory-Practice	-
04	Anatomy 2	3 (60 hours)	Theory-Practice	03
05	Physiology 1	3 (51 hours)	Theory-Practice	01-02-03
06	Physiology 2	2 (43 hours)	Theory-Practice	04-05
07	Immunology	2 (43 hour)	Theory-Practice	02
08	Theoretical Microbiology	2 (34 hours)	Theory	-
09	Parasitology and Mycology	1 (17 hours)	Theory	08
10	Practical Microbiology	1 (34 hours)	Practice	08-09
11	General and Specific Pathology	1 (9 hours)	Theory-Practice	01-07-08-09
12	Principles of public health services 1	2 (26 hours)	Theory-Practice	-
13	General Pharmacology 1	2 (34 hours)	Theory	02-05-06
14	General Pharmacology 2	1 (17 hours)	Theory	05-06-13
15	Principles and techniques of nursing, midwifery, and working in operating and delivery room	2 (51 hours)	Theory-Practice	-
16	Principles and techniques of nursing, midwifery, and working in operating and delivery room (practicum)	1 (51hours)	Internship	15
17	Biological statistic	2 (43 hours)	Theory-Practice	19
18	General, woman, and family psychology	2 (102 hours)	Theory	-
19	Principals of epidemiology and fighting diseases 2	2(34 hours)	Theory	09-10-12-27
20	Specialized English language	2(34 hours)	Theory	General English
21	Principles of nutrition for mother and baby	2(34 hours)	Theory	02-05-06

22	History, ethic, laws and rights in midwifery	1 (17 hours)	Theory	27-29-30-36-53
23	Rights and forensic medicine in midwifery	1 (17 hours)	Theory-practice	Along with 22
24	Forensic medicine in midwifery (practicum)	1 (51 hours)	Internship	22-23
25	Embryology	2 (34 hours)	Theory	01-03-04
26	Genetic	2 (34 hours)	Theory	-
27	Pregnancy and birth 1, normal delivery	2 (34 hours)	Theory	Basic science lessons in table B
28	Normal pregnancy practicum	1 (51 hours)	Internship	27
29	Pregnancy and birth 2, normal, safe, and physiological delivery, and methods of reducing labor pain	2 (34 hours)	Theory	27-28
30	Normal delivery practicum	2 (144 hours)	Internship	29
31	Pregnancy and birth 3, abnormal pregnancy, and birth	2 (26 hours)	Theory	27-29
32	Normal and abnormal delivery practicum	3 (144 hours)	Internship	31
33	Pregnancy and birth 4, medical and surgical diseases in pregnancy and birth	1 (17 hours)	Theory	17-19-31-40-41-42-43-44
34	Newborns	2 (34 hours)	Theory	25
35	Newborns' practicum	1 (51 hours)	Internship	34
36	Children's diseases	2 (34 hours)	Theory	34
37	Children's diseases practicum	1 (51 hours)	Internship	36
38	Typology and physical examination	1 (17 hours)	theory	03-04-05-06-07-08-09
39	Typology and physical examination practicum	1 (51 hours)	Internship	38
40	Physiopathology and medical diseases 1	3 (51 hours)	theory	38 and all basic science lessons
41	Physiopathology and medical diseases 2	2 (34 hours)	Theory	40

42	Physiopathology and medical diseases 3	2 (34 hours)	Theory	40-41
43	Physiopathology and surgical diseases	2 (34 hours)	Theory	40-41-42
44	Medical/surgical diseases practicum	1 (51 hours)	Internship	39-40-41-42-43
45	Relationship between health education and counseling on mother and baby and reproductive health (3)	1 (17 hours)	Theory	12-18-21-27-34-36
46	Mother, baby, and reproductive health (4)	2 (34 hours)	Theory	Health 3
47	Management and promotion of quality in mother, baby and reproductive health (5)	1 (17 hours)	Theory	Health 1 and 2
48	Mother, baby, and reproductive health, and family planning practicum	2(102 house)	Internship	45-46-47
49	Principles of psychology in midwifery	1 (17 hours)	Theory	18
50	Sexual function disorders	1 (17 hours)	Theory	49
51	Radiology, sonology, and electrology in midwifery and women	1 (17 hours)	Theory	27-29-31-53
52	Principles of management and its application in midwifery	2 (34 hours)	Theory	27-29
53	Women's diseases and infertility	3 (51 hours)	Theory	27-29-31- 38
54	Women's diseases practicum	2 (102 hours)	Internship	53
55	Nutrition in mother and baby diseases	1 (17 hours)	Theory	21-33-53
56	Anesthesia and CPR in midwifery	1 (26 hours)	Theory-Practice	13-14-27-29-34
57	Research's methodology and design	1 (26 hours)	Theory-Practice	31-46-47-53-
58	Medical information system (information technology in midwifery)	1 (26 hours)	Theory-Practice	-
59	Growth and development of infants	1 (17 hours)	Theory	34
60	Preparing for labor and physiological birth	2 (43 hours)	Theory-Practice	27-29-31
61	Implementation of project to solve professional problems or research in midwifery	1 (34 hours)	Practice	31-46-47-53

62	Health and midwifery's models and theories	1 (17 hours)	Theory	27-29-31
63	Sociology and women's social pathology	1 (17 hours)	Theory	18-27-29
64	Evidence-based midwifery	1 (26 hours)	Theory-Practice	17-19-58
65	Complementary and alternative therapies in midwifery	1 (17 hours)	Theory	27-29-31-33-53-54
66	Complementary and alternative therapies in midwifery practicum	1 (51 hours)	Internship	65
67	Traditional and herbal medicine in midwifery	1 (17 hours)	Theory	18-19-20-21-22-23-24-25-26-27-28-29-30-31-32-33-53-54
68	Reproductive biology	1 (17 hours)	Theory	05-06-25-27
69	Management of health economy	1 (17 hours)	Theory	52
70	Patient and clients' education	1 (17 hours)	Theory	29-45-46
71	Nutrition before, during, and after pregnancy	1 (17 hours)	Theory	21-34-35
72	Promoting mother's breastfeeding	1 (22 hours)	Theory-Practice	27-29-46
73	Midwifery and reproductive health in natural disasters	1 (17 hours)	Theory	31-33- 45-46-47
74	Midwifery and reproductive health in urban health	1 (17 hours)	Theory	31-33-45-46-47
75	Normal and abnormal pregnancy practicum	3 (153 hours)	Internship	-
76	Normal and abnormal delivery (1)	2.5 (255 hours)	Internship	-
77	Normal and abnormal delivery (2)	2.5 (255 hours)	Internship	-
78	Women's diseases and infertility practicum	2 (102 hours)	Internship	-
79	Reproductive health, and mother, baby, and family planning practicum	2 (102 hours)	Internship	-
80	Infants who need intensive care practicum	1 (51 hours)	Internship	-

81	Medical and surgical diseases in pregnancy practicum	1 (51 hours)	Internship	-
82	Management and its application in midwifery practicum	1 (51 hours)	Internship	-
83	Radiology, sonology, and electrology in midwifery and women practicum	1 (51 hours)	Internship	-

Ethical Issues

The graduates should:

- Observe the Patient's Bill of Rights¹ when working with the patients.
- Strictly observe Biosafety and Patient Safety Rules* concerning the patients, personnel and workplace.
- Observe the Rulebook for Dress Code².
- Strictly observe the Regulations of Working with the Laboratory Animals³.
- Carefully preserve resources and equipment.
- Truly respect faculty members, the staff, classmates, and other students and work for creating an intimate and respectful atmosphere.
- Observe social and professional ethical considerations in criticism.

1, 2, and 3 are contained in the Enclosures.

* Biosafety and Patient Safety Rules will be set out by the educational departments and will be available to the students.