

In the Name of God

Islamic Republic of Iran Ministry of Health and Medical Education Deputy of Education

Neonatal Intensive Care Nursing Degree: MSc

Total Course Credits

- Core:28
- Thesis :4

Program Description

Neonatal Intensive Care Nursing is a branch of nursing which deals mostly with the provision of holistic and family-centered care, premature and sick neonates or developmental defects. In line with the principles of good human relationships and professional ethics, MSc graduates can identify biological, psychological, social and cultural needs of the neonates and their family in this field and perform early interventions to prevent complications of prematurity.

The graduates use an evidence-based approach so as to serve educators, researchers, consultants, and advocates. Their professional focus is on health promotion, disease prevention, health maintenance, parental counseling and education, and care of acute and chronic illnesses. The graduates will provide complex monitoring and ongoing management of intensive therapies in a variety of settings although most neonatal nursing occurs in hospital-based neonatal intensive care and convalescent settings. There has been a valuable experience in performing the program in the Islamic Republic of Iran since 2009. The program's curriculum at master's level was updated recently to meet the changing needs of the society and to play a more effective role in helping the newborn as a vulnerable group requiring various types of assistance.

Admission Requirements:

- Having a bachelor's degree (BSc) in nursing
- Holding admission criteria based on the regulations of universities
- Being eligible for entering the program
- Passing the entrance exam in accordance with the terms and conditions of Iran's Ministry of Health and Medical Education

*Important note: These general conditions do not necessarily exclude specific conditions of each institute or university.



Expected Competencies at the End of the Program

General Competencies+

Graduates should be competent in the following areas:

- Communication skills
- Competency-based education
- Research and scientific writing

+Note: more information can be found at <http://hcmep.behdasht.gov.ir/>

Specific Competencies and Skills

At the end of the program, learners will be competent in the following areas:

- Health-related skills
- Diagnostic and therapeutic skills
- Procedural skills in the provision of pediatric care for clients
- Supportive, preventive, educational, consultative, investigative, monitoring and managerial skills

Educational Strategies, Methods and Techniques*

Student Assessment

Methods of assessment

- Verbal, written, observation, clinical competence assessments (OSCE, OSLE, OSFE, DOPS, 360 degree); Portfolio assessment; Logbook development,

Types of assessment

- Diagnostic, formative, and summative

Ethical Considerations*

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



of Core Credits

Code of the Course	Title of the Course	Credits					Hours					Prerequisite or Co-requisite Courses
		Theoretical	Practical	Clinical Training	Clinical Practice	Total	Theoretical	Practical	Clinical Training	Clinical Practice	Total	
03	Neonatal anatomy and physiology	2		-	-	2	34		-	-	34	-
04	Advanced nursing theories and concepts in neonatal nursing	2		-	-	2	34		-	-	34	-
05	Nursing management and leadership	2		-	-	2	34		-	-	34	-
06	Introduction to neonatal intensive care nursing	3		-	-	3	51		-	-	51	-
07	Neonatal physiopathology	2		-	-	2	34		-	-	34	03
08	Neonatal clinical pharmacology	1	1	-	-	2	17	34	-	-	51	-
09	Fundamentals of neonatal nursing care(1)	1	-	-	2	-	17	-	-	102	119	
10	Fundamentals of neonatal nursing care(2)	2	-	-	2	-	34	-	-	102	136	
11	Fundamentals of advanced neonatal nursing care(1)	2	-	-	2	-	34	-	-	102	136	
12	Fundamentals of advanced neonatal nursing care(2)	2	-	-	2	-	34	-	-	102	136	
17	Clinical practice	-	-	-	6	6	-	-	-	408	-	-
15	Thesis	4										
Total		32										

The noncore credits: 4 credits: [Medical informatics* (0.5 theoretical + 0.5 practical)], and Statistics and Advanced research** [2 theoretical + 1practical]

* Passing this course is obligatory for all students as a compensatory credit.

** Passing this course is obligatory by approval of the related educational department and graduate council of the university as a compensatory credit.

Note 1: Clinical training hours correspond to hospital shifts (morning, evening and night) from Saturday to Thursday;

Note 2: Clinical training on holidays is possible, depending on facilities and is subject to verification of educational administration of nursing schools.

Note 3: All possible educational and clinical resources are used in this program.



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