

MSc in Neonatal Intensive Care Nursing (NICU) Courses Semester-wise

Semester 1

Number	Course title	Course type and number of credits			Credit	Prerequisite
		Theoretical	Practical	Practicum		
1.	Advanced statistics and research methodology	3	1	-	4	
2.	An introduction to neonatal intensive care nursing	3	-	-	3	
3.	Computer and medical information systems (supplementary)	1	-	-	1	
4.	Theories and advanced concepts of neonatal nursing	2	-	-	2	
Total credits taken		9	1	-	10	

Semester 2

Number	Course title	Course type and number of credits			Credit	Prerequisite
		Theoretical	Practical	Practicum		
1.	Neonatal anatomy and physiology	2	-	-	2	
2.	Neonatal clinical pharmacology	1	1	-	2	
3.	Fundamentals of neonatal nursing care (1)	1	-	2	3	
4.	Fundamentals of management and leadership theories	2	-	-	2	
Total credits taken		6	1	2	9	

Semester 3

Number	Course title	Course type and number of credits			Credit	Prerequisite
		Theoretical	Practical	Practicum		
1.	Fundamentals of neonatal nursing care (2)	2	-	2	4	
2.	Fundamentals of advanced neonatal nursing care (1)	2	-	2	4	
3.	Neonatal physiopathology	1	-	-	1	
4.	Dissertation	-	-	-	4	
Total credits taken		5	-	4	9+4	

Semester 4

Number	Course title	Course type and number of credits			Credit	Prerequisite
		Theoretical	Practical	Practicum		
1.	Fundamentals of advanced neonatal nursing care (2)	2	-	2	4	
2.	Dissertation	-	-	-	4	
3.	Physiopathology	1	-	-	1	
Total credits taken		3	-	2	5+4	

Note: In the Iranian grading system, the passing grade for courses of the Bachelor's level is 10 out of 20 and the minimum grade point average (GPA) is 12. Graduate programs require 12 and 14 as passing grades for Master's and Ph.D. level. Minimum GPA is 14 and 16 respectively.