

MSc in Intensive Care Nursing Courses Semester-based

Semester 1

Number	Course title	Course type and number of credits			Credit	Prerequisite
		Theoretical	Practical	Practicum		
1.	Advanced statistics and research methodology	3	1**	-	3	
2.	Advanced nursing monitoring	3	-	-	3	
3.	Introduction to intensive care nursing	1	-	-	1	
4.	Nursing care in intensive care units	3	-	-	3	
5.	pharmacology	1	-	-	1	
6.	General issues in organ transplantation nursing	1	-	-	1	
Total credits taken		12	1	-	13	

Semester 2

Number	Course title	Course type and number of credits			Credit	Prerequisite
		Theoretical	Practical	Practicum		
1.	Computer and medical information systems (supplementary)	0.5	0.5	-	1	
2.	Specialized intensive care nursing (1) (respiratory system)	1.5	-	1.5	3	courses 2, 4, 5, 6, 7 of semester 1
3.	Specialized intensive care nursing (2) (cardiovascular system – cardiothoracic surgery)	1.5	-	1.5	3	courses 2, 4, 5, 6, 7 of semester 1
4.	Specialized intensive care nursing (3) (nervous system – neurosurgery – psychiatric disorders)	1	-	1	2	courses 2, 4, 5, 6, 7 of semester 1
5.	Specialized intensive care nursing (5) (endocrinology - - obstetrics - gynecology)	0.5	-	0.5	1	courses 2, 4, 5, 6, 7 of semester 1
Total credits taken		5	0.5	4.5	10	

Semester 3

Number	Course title	Course type and number of credits			Credit	Prerequisite
		Theoretical	Practical	Practicum		
1.	Specialized intensive care nursing (4) (nephrology – urology)	1	-	1	2	courses 2, 4, 5, 6, 7 of semester 1
2.	Specialized intensive care nursing (6) (gastrointestinal system – abdominal and pelvic surgery)	1	-	1	2	courses 2, 4, 5, 6, 7 of semester 1
3.	Specialized intensive care nursing (7) (oncology and hematology – immunology (immune system) and infectious disease)	1	-	1	2	courses 2, 4, 5, 6, 7 of semester 1
4.	Specialized intensive care nursing (8) (general nursing care in surgeries – intensive care in trauma (traumatology))	1.5	-	1.5	3	courses 2, 4, 5, 6, 7 of semester 1
5.	Specialized intensive care nursing (9) (vascular surgery - orthopedics)	0.5	-	0.5	1	courses 2, 4, 5, 6, 7 of semester 1
6.	Dissertation	-	-	-	4	
Total credits taken		5	-	5	10+4	

Semester 4

Number	Course title	Course type and number of credits			Credit	Prerequisite
		Theoretical	Practical	Practicum		
1.	Dissertation	-	-	-	4	
Total credits taken		-	-	-	4	

** : Courses marked with ** are not counted.

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.