

Tabriz University of Medical Sciences (TUOMS) - International Campus

Curriculum of Neonatal Intensive Care for the M. Sc. Degree

Compensatory Courses

	Number of Credit Hours					
	Course Code	Course Title	Theory	Practical	Total	
	01	Medical Information Systems	0.5	0.5	1	
	02	Statistics	1	0.5	1.5	
	03	Research Methodology	1	0.5	1.5	
	Total		2.5	1.5	4	

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Mandatory Specific Courses (Core)

	Number of Credit Hours						
	Course Code	Course Title	Theory	Practical	Apprenticeship	Total	
	04	Introduction to Neonatal Intensive Care Nursing	2	-	-	2	
	05	General Assessment and Evaluation of the Newborn and Family	-	-	1	1	
	06	Embryology and Genetics	1	-	-	1	
	07	Principles of Neonatal Intensive Care 1	1.5	-	-	1.5	
	08	Internship in the	-	-	1	1	

		Principles of Neonatal Intensive Care 1					
	09	Developmental Support and Family-Centered Care	1	-	-	1	
	10	Neonatal Nursing Theories	1	-	-	1	
	11	Ethical, Legal, and Professional Principles in Neonatal Care	1	-	-	1	
	12	Specialized Clinical Pharmacology	1	-	-	1	
	13	Internship in the Specialized Pharmacology	-	-	0.5	0.5	
	14	Review of Common Procedures	-	1	-	1	
	15	Principles of Neonatal Intensive Care 2	2	-	-	2	
	16	Internship in the Principles of Neonatal Intensive Care 2	-	-	1	1	
	17	Principles of Management and Leadership Theories	1	-	-	1	
	18	Advanced Neonatal Management and Care 1	2	-	-	2	
	19	Internship in the Advanced	-	-	1	1	

			Neonatal Management and Care 1						
		20	Advanced Neonatal Management and Care 2	2	-	-	2		
		21	Internship in the Advanced Neonatal Management and Care 2	-	-	2	2		
		22	Advanced Neonatal Management and Care 3	2	-	-	2		
		23	Internship in the Advanced Neonatal Management and Care 3	-	-	3	3		
		24	Thesis	4					
		Total	32						

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Required Training Workshops

	Workshop Title	Period (h)	
	Breast Milk, Human Milk Bank (KFC, KMC, Breast Crawl): Mandatory	6	
	Developmental Care: Mandatory	6	
	Neonatal Resuscitation:	12	

	Mandatory		
	Communication Skills and Professional Communication: Mandatory	6	
	PICC Placement and Care: Optional	12	
	Documentation in Neonatal Intensive Care Units: Optional	6	
	Documentation in Specialized Neonatal Units: Optional	6	
	Invasive and Non-Invasive Ventilation: Optional Organ Donation: Mandatory	12 4	