

Postgraduate programme

Professional Master in: Advanced Adult Cardiac nursing care

The study plan for the Professional master's degree in nursing sciences

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The study plan for obtaining the Professional Master's Degree, based on the credit hours system, consists of **51 credit hours** distributed as follows: **37 compulsory credit hours + 6 elective accredited hours + 8 accredited hours for the research project.**

Semester	Number of Compulsory Course Hours	Number of Elective Course Hours	Number of Research Project Hours	Total Accredited Hours
First (Preparatory)	15	2	-	17
Second (Specialized)	11	2	4	17
Third (Specialized)	11	2	4	17
Total	37	6	8	51

First semester (Preparatory) 17 credit hours as follows: 15 credit hours Compulsory + 2 credit hours elective.

Course Code	Course Name	Contact hours		Credited Hours	Exam Hours	Marks distribution		Maximum marks	Marks distribution	Pre-requisites	
		Theory	Practical			Semester work					Final Exam
						SA	C				
NUR7P1001	Advanced Research Methods	3	---	3	3	60	90	150	90	---	
SUP 7P1001	Biostatistics	2	---	2	2	40	60	100	60	---	
SUP7P1002	Evidence-Based Nursing Practices	2	---	2	2	40	60	100	60	---	
NUR7P1003	Nursing Management Strategies: Leadership and Professional Image	3	---	3	3	60	90	150	90	---	
NUR7P1004	Modern Trends in Clinical Nursing Development: Concepts and Challenges in Professional Performance	2	---	2	2	40	60	100	60	---	
NUR7 P1005	Clinical Nursing Care Quality and Patient Safety: Contemporary Issues in the Health System	3	---	3	3	60	90	150	90	---	
EL	*Elective Course	2	---	2	2	40	60	100	60	---	
	Total			17				850			

* SA: Semester activities (Analysis - Synthesis - Problem Solving ----- etc.) - C = Clinical work

The elective courses: (2) credit hours:

Course Code	Course Name	Contact hours		Exam hours	Credit hours	Marks distribution		Maximum marks	Marks distribution	Pre-requisites	
		Theory	Clinical			Semester work					Final Exam
						SA	C				
EL7P1001	Nursing Ethics	2	---	2	2	40	60	100	60	---	
EL7P1002	Health Informatics										
EL7P1003	Scientific Writing										
	Total			2				100			

* SA: Semester activities (Analysis - Synthesis - Problem Solving ----- etc.) - C = Clinical work

Specialization in Advanced Adult Cardiac Nursing care

Second semester (Specialty) 17 credit hours as following: 11 credit hours Compulsory + 2 credit hours elective + 4 credit hours project.

Course Name	Code	Contact hours		Credit hours	Exam hours	Marks distribution		Maximum Marks	Minimum Marks	Pre-requisites	
		Theory	Clinical			Semester work					Final Exam
						SA	C				
NUR7P6101	Advanced, adult, cardiac nursing (1) (theory)	2	---	2	2	40	60	100	60	---	
NUR7P6102	Advanced adult cardiac nursing (1) (practical)	---	12	4	-	80	120	200	120	---	
NUR7P6103	Introduction to central care for adult patients	1	--	1	1	20	30	50	30		
MED7P6101	Anatomy and physiology of the heart and blood vessels	2	---	2	2	40	60	100	60	---	
MED7P6102	Pathophysiology of heart and vascular diseases	2	---	2	2	40	60	100	60	---	
EL	* Elective course	2	---	2	2	40	60	100	60	---	
	** Research project	1	9	4	-	-	-	270			
	Total			17				920			

* SA: Semester activities (Analysis - Synthesis - Problem Solving ----- etc.) - C = Clinical work

** The research project is an extended course, and its total grades are calculated as 20% of the total grades in the professional master's program (divided into the second and third semesters) if it is discussed and passed after the third semester.

The elective courses: (2) credit hours:

Course Name	Code	Contact hours		Credit hours	Exam hours	Marks distribution		Maximum Marks	Minimum Marks	Pre-requisites
		Theory	Clinical			Semester work	Final Exam			
EL7P1601	Microbiology and infection control	2	----	2	2	40	60	100	60	----
EL7P1602	Health education for cardiac and vascular patients									
EL7P1605	Psychological and social aspects of cardiac and vascular patients									
Total				2				100		

* SA: Semester activities (Analysis - Synthesis - Problem Solving ----- etc.) - C = Clinical work

Third semester (Specialty) 17 credit hours as following: 11 credit hours Compulsory + 2 credit hours elective + 4 credit hours project.

Course Name	Code	Contact hours		Credit hours	Exam hours	Marks distribution		Maximum Marks	Minimum Marks	Pre-requisites	
		Theory	Clinical			Semester work					Final Exam
						SA	C				
NUR7P6201	Advanced adult cardiac nursing (2) (theory)	3	---	3	3	60	90	150	90	NUR7P1601 NUR7P1602	
NUR7P6202	Advanced adult cardiac nursing (2) (practical)	---	12	4	--	80	120	200	120	NUR7P1601 NUR7P1602	
NUR7P2603	Advanced health assessment for adults in nursing (theory)	2	--	2	2	40	60	100	60		
NUR7P2604	Advanced health assessment for adults in nursing (practical)		6	2	--	40	60	100	60		
EL	* Elective course	2	---	2	2	40	60	100	60	---	
	** Research project	1	9	40	-	-	-	270	160		
	Total			17				920			

* SA: Semester activities (Analysis - Synthesis - Problem Solving ----- etc.) - C = Clinical work

** The research project is an extended course, and its total grades are calculated as 20% of the total grades in the professional master's program (divided into the second and third semesters) if it is discussed and passed after the third semester.

The elective courses: (2) credit hours:

Course Name	Code	Contact hours		Credit hours	Exam hours	Marks distribution		Maximum Marks	Minimum Marks	Pre-requisites
		Theory	Clinical			Semester work	Final Exam			
EL7P6201	Advanced analysis of the electrocardiogram	2	----	2	2	40	60	100	60	----
EL7P6202	Changes in cardiac functions									
	Total			2				100		

* SA: Semester activities (Analysis - Synthesis - Problem Solving ----- etc.) - C = Clinical work