



Academic Programs Booklet

College of Health and Sport Sciences

2024-2025

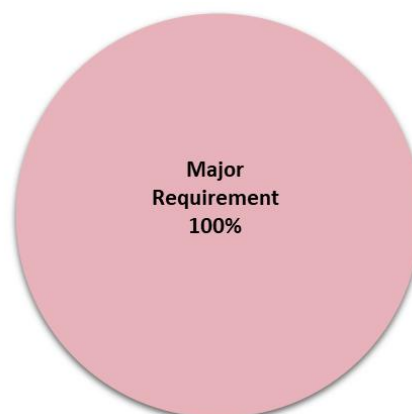
Prepared By: VP For Academic Programs and Graduate Studies Office

College of Health and Sport sciences.....

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Postgraduate Diploma in Cardiovascular Care Nursing Program Components

Course Type	CRD
University Requirement (UR)	-
College Requirement (CR)	-
General Studies Compulsory (GSCC)	-
Major Requirement (MR)	21
Major Elective (ME)	-
General Studies Elective (GSE)	-
Training (Internship) (TR)	-
Total Credit (CRD)	21



Detailed Study Plan

Year 1- Semester 1

Course Code	Course Title	Course Hours				Course Type	Pre-Requisite	Co-Requisite	Major CGPA	Final Exam (Yes/No)
		LEC	LAB	CLN	CRD					
NUR504	Advanced Health Assessment	2	0	3	3	MR	-	-	Yes	Yes
CCN501	Cardiovascular Care Nursing I	3	0	0	3	MR	-	-	Yes	Yes
CCN502	Cardiovascular Care Nursing Practicum I	-	0	9	3	MR	-	CCN501	Yes	Yes
NUR505	Advanced Nursing Research & Evidence-Based Practice	3	0	0	3	MR	-	-	Yes	Yes
Total		8	0	12	12					

Year 1- Semester 2

Course Code	Course Title	Course Hours				Course Type	Pre-Requisite	Co-Requisite	Major CGPA	Final Exam (Yes/No)
		LEC	LAB	CLN	CRD					
CCN503	Cardiovascular Care Nursing II	3	0	0	3	MR	-	-	Yes	Yes
CCN504	Cardiovascular Care Nursing Practicum II	0	0	9	3	MR	-	CCN503	Yes	Yes
CCN505	Cardiovascular Care Nursing III	3	0	0	3	MR	-	-	Yes	Yes
Total		6	0	9	9					

Course Description

Course Code: NUR504 Course Title: Advanced Health Assessment

Develop advanced knowledge and skills in conducting comprehensive health assessments for clients with different conditions. Apply various assessment techniques and communication skills to appraise clients' health status. Utilize critical thinking to identify clients' problems by analyzing findings of the health history, physical examination, and related diagnostic tests. Synthesize the health assessment findings for formulating priority nursing diagnoses and planning effective nursing care.

Course Code: CCN501 Course Title: Cardiovascular Care Nursing I

This course provides students with in-depth knowledge on the anatomy and physiology of the cardiovascular system, assessment approaches, hemodynamic monitoring, and diagnostic measures. Students will examine the collaborative multidisciplinary management of complex cardiovascular conditions such as arrhythmias and coronary vascular disorders emphasizing the role of cardiac care nurses. By the end of this course, students will be able to formulate evidence-based nursing care for the patients with arrhythmias and coronary vascular disorders.

Course Code: CCN502 Course Title: Cardiovascular Care Nursing Practicum I

This practicum course provides students with opportunities to integrate theoretical knowledge and skills into clinical nursing practice in diverse cardiovascular care settings. Students will demonstrate proficiency in cardiac assessment and Electrocardiography interpretation. Throughout the clinical experience, students will apply their critical thinking and decision-making skills in the care of patients with cardiovascular diseases in accordance with ethical principles and legal regulations. By the end of the course, students will be able to provide specialized cardiovascular nursing care based on current evidence and clinical guidelines and within the nursing process approach.

Course Code: NUR505 Course Title: Advanced Nursing Research and Evidence-Based Practice

Provide advanced knowledge of nursing research approaches, methodologies, ethics, and evidence-based practice. Apply the research process in designing a systematic research plan in the field of nursing and critiquing different aspects of nursing research articles.

Course Code: CCN503 Course Title: Cardiovascular Care Nursing II

This course focuses on structural heart diseases, heart failure, and cardiac emergencies. It also covers the pharmacological treatments, surgical interventions, complementary and alternative therapies for managing different cardiovascular disorders. Students will analyze the collaborative management and evidence-based practice in the management of various cardiovascular conditions emphasizing the role of cardiac care nurses. By the end of the course, students will be able to formulate specialized cardiac nursing care using their critical thinking and decision-making skills.

Course Code: CCN504 Course Title: Cardiovascular Care Nursing Practicum II

This course enables students to incorporate cumulative specialized knowledge and competencies in caring for patients with a wide range of cardiovascular conditions. Throughout the clinical experience, students will utilize clinical judgment, leadership, and collaborative skills in the delivery of cardiovascular nursing care within the ethical and legal frameworks. By the end of this course, students will demonstrate proficiency in appraising the clinical parameters and findings of the different diagnostic measures and providing specialized evidence-based nursing care independently in diverse cardiovascular care settings.

CCN505 Course Title: Cardiovascular Care Nursing III

This course equips students with advanced knowledge on the anatomy and physiology of the vascular system and analyze various vascular disorders, including arterial, venous, and lymphatic conditions. The course also covers the risk factors of cardiovascular diseases, such as hypertension, dyslipidemia, diabetes mellitus, and obesity, emphasizing secondary prevention strategies through exercise and lifestyle modifications. The key focus is exploring the evidence-based cardiac rehabilitation programs for enhancing recovery and prevent recurrence of the cardiac attacks.