

# **Faculty of Nursing**

**Study Plan for the Master Degree in**

**Chronic Care Nursing**

**2022/2023**

**Vision:**

To become a leading school in nursing sciences, scientific research, and community partnership.

**Mission:**

To graduate competent nursing professionals prepared to provide comprehensive, high-quality nursing care for the clients, families, and communities as part of the interdisciplinary team in an ever-changing environment.

**Program Aims:**

Prepare students in providing care to adult clients with chronic diseases by developing their skills and advanced competencies in research to assess and implement client-centered nursing care to improve the quality of the clients and their families' lives and their communities.

**Program Learning Outcomes:**

<b>Program Learning Outcomes describe what students are expected to know and be able to do by the time of graduation. These relate to the knowledge, skills, and behaviors that students acquire as they progress through the program. A graduate of the (____MSN____) program will demonstrate</b>	
<b>a</b>	Understand the theoretical and contemporary approaches in caring for clients s with chronic diseases.
<b>b</b>	Conduct specialized systematic reviews to enhance nursing care of clients with chronic diseases.
<b>c</b>	Analyze the quality of health care policies to develop suitable strategies.
<b>d</b>	Provide specialized, safe nursing care of high quality for clients with chronic diseases.
<b>e</b>	Integrate practice with current best scientific evidence in the care of clients with chronic diseases.
<b>f</b>	Apply research in nursing.
<b>g</b>	Solve problems while maintaining team spirit at work
<b>h</b>	Promote effective communication and outreach activities.
<b>i</b>	Comply with the code of professional ethics.

## 1. Framework for Master Degree in Chronic Care Nursing (34 Credit Hours)

Track	Requirements	Credit Hours
Thesis	Compulsory courses	22
	Elective Courses	3
	Thesis	9
<b>Total</b>		<b>34</b>
Comprehensive Exam	Compulsory courses	25
	Elective Courses	9
<b>Total</b>		<b>34</b>

### Course Numbering:

0	9	0	1	7	1	0	1
Faculty Code		Dept. Code		Course Level		Knowledge Field	Sequence

**Example:** Health Policy and Advanced Nursing Roles: 09017101

### Knowledge Areas

Number	Knowledge Field
0	General
1	Adult Chronic Care Nursing

## 1. Thesis Track

**Compulsory Requirements: (22 Credit Hours)**

Course No.	Course Title	C. H.	Prerequisite / co-requisite*
09017101	Health Policy and Advanced Nursing Roles	3	
09017201	Nursing Research	3	09017102*
09017102	Advanced Biostatistics	2	
09017212	Advanced Physical Assessment of Chronic Diseases	2	
09017211	Clinical Pharmacology	3	
09017111	Pathophysiology of Chronic Diseases	3	
09017311	Nursing Care of Chronic Diseases (Theory)	3	09017212* 09017211* 09017111*
09017312	Nursing Care of Chronic Diseases (Clinical)	3	09017311*
	<b>Total</b>	<b>22</b>	

**Elective: 3 Credit Hours** from the following courses.

Course No.	Course Title	C. H.	Prerequisite
09017401	Teaching and Clinical Instruction in Nursing	3	
09017402	Safety, Quality monitoring, and Outcome Improvement	3	
09017302	Theoretical Foundation of Chronic Care Nursing	3	
09017301	Clinical Judgment in Nursing	3	
09017202	Evidence-Based Practice (EBP) in Nursing	3	
09017411	Applied Clinical Project	3	

**Thesis: 9 Credit Hours**

Course No.	Course Title	C. H.	Prerequisite
09017313	Thesis (1)	3	
09017313	Thesis (2)	3	
09017313	Thesis (3)	3	
09017313	Thesis (4)	0	
	<b>Total</b>	<b>9</b>	

## 2. Non-Thesis Track

**Compulsory Requirements: (25 Credit Hours)**

Course No.	Course Title	Cr. Hr.	Prerequisite Co-requisite*
09017101	Health Policy and Advanced Nursing Roles	3	
09017201	Nursing Research	3	09017102*
09017102	Advanced Biostatistics	2	
09017212	Advanced Physical Assessment of Chronic Diseases	2	
09017211	Clinical Pharmacology	3	
09017111	Pathophysiology of Chronic Diseases	3	
09017311	Nursing Care of Chronic Diseases (Theory)	3	09017212 09017211 09017111
09017312	Nursing Care of Chronic Diseases (Clinical)	3	09017311*
09017202	Evidence-Based Practice Chronic Diseases in Nursing	3	
09017416	Comprehensive Exam	0	
	<b>Total</b>	<b>25</b>	

**Elective: 3 Credit Hours** from the following courses.

Course No.	Course Title	Cr. Hr.	Prerequisite
09017401	Teaching and Clinical Instruction in Nursing	3	
09017402	Safety, Quality monitoring, and Outcome Improvement	3	
09017302	Theoretical Foundation of Chronic Care Nursing	3	
09017301	Clinical Judgment in Nursing	3	
09017411	Applied Clinical Project	3	

## Advisory Plan for MSc Program in Chronic Care Nursing (Thesis)

### First Year

Semester 1			Semester 2		
Course No.	Course Title	Cr. Hr.	Course No.	Course Title	Cr. Hr.
09017101	Health Policy and Advanced Nursing Roles	3	09017201	Nursing Research	3
09017102	Advanced Biostatistics	2	09017211	Clinical Pharmacology	3
09017111	Pathophysiology of Chronic Diseases	3	09017212	Advanced Physical Assessment of Chronic Diseases	2
				Elective	3
Total		8	Total		11

### Second Year

Semester 1			Semester 2		
Course No.	Course Title	Cr. Hr.	Course No.	Course Title	Cr. Hr.
09017311	Nursing Care of Chronic Diseases (Theory)	3	09017313	Thesis (2)	3
09017312	Nursing Care of Chronic Diseases (Clinical)	3	09017313	Thesis (3)	3
09017313	Thesis (1)	3			
Total		9	Total		6

## Advisory Plan for MSc Program in Chronic Care Nursing (Comprehensive Exam)

### First Year

Semester 1			Semester 2		
Course No.	Course Title	Cr. Hr.	Course No.	Course Title	Cr. Hr.
09017101	Health Policy and Advanced Nursing Roles	3	09017201	Nursing Research	3
09017102	Advanced Biostatistics	2	09017211	Clinical Pharmacology	3
09017111	Pathophysiology of Chronic Diseases	3	09017212	Advanced Physical Assessment of Chronic Diseases	2
			09017202	Evidence Based Practice (EBP) in Nursing	3
Total		8	Total		11

### Second Year

Semester 1			Semester 2		
Course No.	Course Title	Cr. Hr.	Course No.	Course Title	Cr. Hr.
09017311	Nursing Care of Chronic Diseases (Theory)	3		Elective	3
09017312	Nursing Care of Chronic Diseases (Clinical)	3		Elective	3
	Elective	3			
Total		9	Total		6

## Description of Courses

### **(09017101) Health Policy and Advanced Nursing Roles: (3 Credit Hours)**

The historical perspective of advanced nursing roles; Past and present trends in advanced nursing roles; Healthcare policy that influenced advanced nursing roles: finance, legislation, ethics, education, collaboration, and scope of practice at national, regional, and international levels.

### **(09017102) Advanced Biostatistics: (2 Credit Hours)**

Statistical methods applied to healthcare sciences; Training on the use of SPSS in the descriptive and inferential statistical analysis, including Data coding, entry, cleaning, and analysis. Statistical results interpretation and write-up in a scientific report format.

### **(09017211) Clinical Pharmacology: (3 Credit Hours)**

Human body mechanisms and reactions to medications used to treat chronic diseases. Pharmacokinetics, pharmacodynamics, and pharmaceutical vigilance and reconciliation. Traditional and herbal preparations are used for the treatment of chronic diseases. Examination of results in clinical trials relevant to chronic diseases.

### **(09017111) Pathophysiology of Chronic Diseases: (3 Credit Hours)**

Pathophysiological changes that accompany chronic diseases. Regulatory and compensatory body mechanisms to maintain internal homeostasis. Integrate pathophysiological principles when comprehending, planning, and providing comprehensive nursing care to clients/patients with chronic diseases.

### **(09017311) Nursing Care of Chronic Diseases (Theory): (3 Credit Hours)**

The scientific basis for addressing the needs of chronically ill clients/patients. Conceptual foundations of nursing care for clients with chronic diseases. Chronic care practice models, including analysis and interventions strategies to improve the health of clients, families, and communities. Developing the role of the clinical nurse specialist in an evidence-based practice setting. How to distinguish chronic care nursing from other nursing specialties.

### **(09017312) Nursing Care of Chronic Diseases (Clinical): (3 Credit Hours)**

Application of advanced skills, knowledge, and trends learned in the theoretical course in the clinical field. Demonstrating competency in practicing the Clinical Nurse Specialist roles in adult care units or community settings. The roles include being a: Clinician, educator, researcher, and consultant.



Adoption of clinical judgment model to guide nursing care for clients with chronic diseases. The process of utilizing research findings to relate current nursing practice to the best available evidence.

### **(09017212) Advanced Physical Assessment of Chronic Diseases (2 Credit Hours)**

Foundation knowledge in health, wellness, and pathology of chronic diseases, manifestations, and subjective presentations. The uses of the continuum of "normal" to the "abnormal," the body systems, and the Nursing Intervention Classification (NIC) frameworks for content presentation. Conducting a proficient health history and physical assessments on clients.

### **(09017201) Nursing Research (3 Credit Hours)**

Generating and applying a genuine research project using quantitative and qualitative approaches. The research process steps include research variables and questions, literature review, theoretical basis, research designs, study population, sampling and samples, methods of data collection and analysis, results interpretation, use of study findings, scientific integrity ethical standards, and ethical standards issues in research.

### **(09017401) Teaching and Clinical Instruction in Nursing: (3 Credit Hours)**

Systematic design of instruction. Exploring various instructional theories. Performing comprehensive needs assessment, designing learning outcomes, selecting instructional strategies, designing and executing lessons, and performing formative and summative evaluations—competency-based clinical evaluation.

### **(09017202) Evidence-Based Practice (EBP) in Nursing (3 Credit Hours)**

Concepts of strategic assessment, planning, implementation, and evaluation of nursing care in the health care system. Evaluation of evidence-based nursing practice processes emphasizes merging between research and practice. Conduct a systematic review as applicable to specified aspects of nursing care of clients/patients with chronic diseases.

### **(09017301) Clinical Judgment in Nursing (3 Credit Hours)**

Clinical judgment processes in dealing with clients/patients with chronic diseases at uncertainty, including clinical reasoning and critical thinking components and transforming clinical nursing practices.

**(09017402) Safety, Quality monitoring, and Outcome Improvement (3 Credit Hours)**

Analysis of local and international challenges in client/patient safety and health care quality; political and environmental influences. Concepts and tools to understand, analyze, describe, and manage client/patient safety and health care quality. Elements of client/patient safety and satisfaction, measures for improving quality of care, accountability standards, and the system approach for continuous outcomes improvement.

**(09017302) Theoretical Foundation of Chronic Care Nursing: (3 Credit Hours)**

Developing analytical skills necessary to examine the basis for knowledge development and different concepts, frameworks, and theories relevant to nursing care of clients/patients with chronic diseases. Analysis of nursing frameworks and theories concerning nursing practice, administration, education, and research.

**(09017411) Applied Clinical Project: (3 Credit Hours)**

Introduction to practical nursing research, identification, and analysis of relevant research or evidence-based literature examined in prior courses. Development of a clinical project using an innovative idea of interest relevant to chronic diseases and analysis of pertinent research findings. Formulation of project objectives and the determination of approaches within a specified time frame to complete the clinical project. The faculty advisor serves as a guide, resource, and reviewer of the project during all its stages. Students are expected to perform at a high standard utilizing their individuality, creativity, and innovation.

**(09017416) Comprehensive Exam: (Zero Credit Hours)**

The Exam includes major/specialized topics covered in the master program, held at the Faculty of Nursing under the supervision of an authorized comprehensive examination committee.

**Master Thesis: (9 Credit Hours)**

Individual research under full supervision and direction of a faculty member who witnesses the preparation, approves the completion, and coordinates the research project's oral defense (master thesis).