

# Faculty of Nursing

## Description of Courses of the Master's Degree in Chronic Care Nursing

**2022/2023**

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### **(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. 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 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 steps of the research process include research variables and questions, literature review, theoretical basis, research designs, study population, sampling and samples, data collection and analysis methods, interpreting results, using 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. Developing a clinical project using an innovative idea of interest relevant to chronic diseases, analyzing pertinent research findings, formulating project objectives, and determining 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's 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).