

B.Sc. in Nursing Study Plan

University Compulsory Courses 16 C.H

Page (64)

University Elective Courses 9 C.H

Pages (64 & 65)

Faculty Compulsory Courses 103 C.H

Line No.	Code	Course	
101301	MED130A	ANATOMY (FOR NURSING)	4
101303	MED130C	ANATOMY (LAB)	0
102222	MED222B	BIOCHEMISTRY	3
102304	MED230A	HUMAN PHYSIOLOGY	3
102305	MED230B	HUMAN PHYSIOLOGY (LAB)	1
102422	MED242B	MICROBIOLOGY	3
102430	MED243	MICROBIOLOGY (LAB)	1
102550	MED255	PHARMACOLOGY	3
103720	MED372	PATHOPHYSIOLOGY	3
183100	PH310	BIOSTATISTICS	3
183510	PH351	NUTRITION	3
401015	NUR101	INTRODUCTION TO NURSING	2
401023	NUR102	FUNDAMENTALS OF NURSING (THEORY)	3
401030	NUR103	FUNDAMENTALS OF NURSING (LAB)	1
402060	NUR206	HEALTH ASSESSMENT (THEORY)	3
402080	NUR208	HEALTH ASSESSMENT (LAB/CLINICAL)	1
402210	NUR221	ADULT HEALTH NURSING I (THEORY)	3
402230	NUR223	ADULT HEALTH NURSING I (CLINICAL)	3
402270	NUR227	ADULT HEALTH NURSING II (THEORY)	4
402280	NUR228	ADULT HEALTH NURSING II (CLINICAL)	3
402520	NUR252	GROWTH AND DEVELOPMENT	3
403010	NUR301	NURSING ETHICS AND ISSUES	2
403020	NUR302	NURSING RESEARCH	3
403080	NUR308	HEALTH INFORMATICS	2
403100	NUR310	COMMUNICATION & HEALTH EDUCATION	2
403421	NUR342A	MATERNAL HEALTH NURSING (THEORY)	3
403442	NUR344	MATERNAL HEALTH NURSING (CLINICAL)	3
403520	NUR352	CHILD HEALTH NURSING (THEORY)	3
403561	NUR356A	CHILD HEALTH NURSING (CLINICAL)	3
404030	NUR403	PRINCIPLES OF NURSING ADMINISTRATION	3
404310	NUR431	MENTAL HEALTH NURSING (THEORY)	3
404330	NUR433	MENTAL HEALTH NURSING (CLINICAL)	3
404640	NUR464	COMMUNITY HEALTH NURSING (THEORY)	3
404660	NUR466	COMMUNITY HEALTH NURSING (CLINICAL)	3
404940	NUR494	CLINICAL TRAINING	3

822210	HSS221	INTRODUCTION TO PSYCHOLOGY(IN ENGLISH)	3
911031	CHEM103A	GENERAL CHEMISTRY	3
911040	CHEM104	ORGANIC CHEMISTRY	2
931030	BIO103	GENERAL BIOLOGY	3

Specialization Elective Courses 6 C.H

Line No.	Code	Course	
404090	NUR409	CRITICAL CARE NURSING (THEORY)	3
404100	NUR410	CRITICAL CARE NURSING (CLINICAL)	3
404520	NUR452	NEONATAL CRITICAL CARE NURSING (THEORY)	3
404530	NUR453	NEONATAL CRITICAL CARE NURSING (CLINICAL)	3
404760	NUR476	ONCOLOGY NURSING (THEORY)	3
404770	NUR477	ONCOLOGY NURSING (CLINICAL)	3
404800	NUR480	GERONTOLOGICAL NURSING (THEORY)	3
404810	NUR481	GERONTOLOGICAL NURSING (CLINICAL)	3
404921	NUR492	SPECIAL TOPICS (1)	1
404930	NUR493	SPECIAL TOPICS (2)	2
404950	NUR495	SPECIAL TOPICS (3)	3

TOTAL 134 C.H

*** For prerequisite & equivalent courses see the Courses' Description.**

B.Sc. in Nursing

Courses' Description

This course focuses on basic nursing concepts that the nursing students will need to provide care to diverse patient populations. Current and historical issues impacting nursing will be explored with the scope and the nature of nursing practice. The nursing process will be introduced as a framework for organizing the care of patients with alterations in cognition, elimination, comfort, grief/loss, mobility, integument and fluid/electrolyte balance. This course also introduces basic concepts relate to values, ethical and legal aspects of nursing; health promotion; physiological and psychological health that are integral components of client care.

Nur. 102 Fundamentals of Nursing, Theory 3 C.H

This course will introduce students to basic concepts in nursing as well as learning nursing process and its importance in meeting the basic needs to all individuals. Knowledge from biological and social sciences are integrated in nursing to determine factors related to illness and their nursing interventions on the wellness-illness continuum. A holistic approach to nursing care is emphasized through primary prevention to promote, maintain, and restore the client to an optimal level of health throughout the life span. Students will be introduced to the ethical and legal situations in nursing practice as well as research concepts. Students will recognize importance of communication process and needs for personal growth and self-awareness.

Pre-Requests: Nur (101), Med (230), concurrent with Med (130)

Nur. 103 Fundamentals of Nursing, Lab 1 C.H

Nursing 103 is the first step in exposing students to nursing as a field of practice. Students are expected to perform and master certain psychomotor skills with an integration of relevant cognitive components from nursing 102. *Pr-requisites: concurrent with Nur (102)*

Nur. 206 Health Assessment Theory 3 C.H

This course provides theoretical foundation for health assessment, physical examination, diagnostic procedures and clinical experience for implementing knowledge into practice setting. Students will learn methods and techniques of interviewing, history taking, physical examination, common and important symptoms. Diagnostic procedures will also be included. Critical thinking skills are applied to analysis of data for identifying nursing and collaborative problems.

Pr-requisites: Med (230 A), Nur (102) and Med (130)

Nur. 208 Health Assessment Lab 1 C.H

This course applies principles and skills learned in the nursing health assessment course on healthy and ill individuals. Opportunity is given to students to use effective communication and psychomotor skills to collect data about health history and to conduct comprehensive physical examination. Emphasis is placed on maintaining confidentiality and ethical principles in interacting with clients.

Pr-requisites: Nur (103), concurrent with Nur (206)

Nur. 221 Adult Health Nursing Theory (1) 3 C.H

The adult health nursing course is divided into to semesters. In the first parts (Nur 221) students are introduced to individual adult client with common alterations in health status, students are guided to examine terminology, pathophysiology common causes,

specific diagnostic procedures, and medical management for each specific alteration in health status. Nursing process is the framework used to deal with each health problem. Principles of holistic approach are emphasized during the care of nursing client. This course focuses on pre and post operative care, fluid/electrolytes and acid base balance, oncology and the alterations in hematology, vascular, cardiac respiratory, dermatology and gastrointestinal systems.

Pre-Requests: concurrent with Nur 206

Nur. 223 Adult Health Nursing Clinical (1) 3 C.H

The clinical course for adult health nursing is offered in two semesters. Nur 223 is the first part of this course. In both courses students are introduced to the care of adult clients with common alterations in health status. The students are guided to use the nursing process to explore the role of the professional nurse in assisting clients attain and maintain wellness. Communication skills, critical thinking, decision making, psychomotor skills, teaching-learning principles, keeping breast with current literature, and moral principles are emphasized in dwelling with selected clients in clinical sittings.

Pre-Requests: concurrent with Nur (221) and Nur (208)

Nur.227 Adult Health Nursing Theory (2) 4 C.H

Nur 315 is a continuation for Nur 221. In both courses students are introduced to the individual adult client with common alterations in health status. Students are guided to examine terminology, Pathophysiology, common causes, specific diagnostic procedures, and medical management for each specific alteration in health status.

principles of nursing assessment, standardized nursing diagnoses amenable to nursing, nursing interventions, interventions, and criteria for evaluation are introduced with emphasis on holistic approach during the care for nursing clients. *Pr-requisites: Nur (221), Chem (262) and Med (372)*

Nur.228 Adult Health Nursing Clinical (2) 3 C.H

The clinical course for adult health nursing is the second clinical course and a continuation of Nur 223. In both clinical courses, students are introduced to the care of adult clients with common alterations in health status. The students are guided to use the nursing process to explore the core of the professional nurse in assisting clients attain and maintain wellness. Communication skills, teaching-learning principles, keeping breast with current literature and moral principles are emphasized in dealing with selected settings.

Pre-Requests: Nur (223) concurrent with Nur (227)

Nur. 252 Growth and Development 3 C.H

This course will provide the student with basic essential knowledge about human growth and development from conception to old age. This course will focus on the development of the individual from four main domains: physiological, cognitive, psychological, and social. Factors affecting individual development pertaining to the fours domains will be identified, thus enhancing the student's ability to assess and understand the process of human growth and development throughout the life cycle. *Pre-Requests: Med (230 A)*

Nur. 301 Nursing Ethics and Issues 2 C.H

This course focuses on contemporary nursing and health care issues raising personal and professional ethical concerns. Emphasis is placed on cultural differences, current legislation, political and religious controversy, economic constraints, and professional commitment related to the resolution of the identified ethical dilemmas. The intent of this course is to guide the

students to define, identify and analyze nursing issues. Students will be given an opportunity to articulate views of debatable issues within health care domains at Jordan. Philosophical and ethical theories will be discussed as bases for critical analysis of moral-legal issues, and ethics of nursing care.

Pr-requisites: Nur (227)

Nur 302 Nursing Research 3 C.H

This course is an introduction to the research process; it describes the links between nursing process, problem solving approach and the research process. The course prepares students as consumers of research in order that relevant findings may be applied to clinical practice. It also introduces basic concepts of biostatistics as basis for the understanding of the research findings and applications. *Pr-requisites: PH 310.*

Nur 308 Health Informatics 2 C.H

The purpose of this course is to explain the origins, key components and current state of Health Informatics, which will take a national and international perspective. This course will introduce key issues and applications of Health Informatics at theoretical and applied levels. Students are left with knowledge and skills to examine existing practices and recommend change based on evidence and structured approaches. Emphasis will be placed on current ethical, cultural, financial, and political issues accompanying the increasing use of the health related Internet applications by healthcare providers, and consumers. A basic computer skills and Internet use will also be provided. *Pr-requisites: CIS (100)*

Nur.310 Communication & Health Education 2 C.H

This course will provide nursing students with theoretical concepts, knowledge, skills, attitudes and behaviors they need to establish and practice effective and constructive communication style when interacting with different types of people in different settings and under different circumstances. Students will learn how to present their ideas, express emotions, and demonstrate attitudes in a manner that reflects maturity, healthy self esteem, self respect and respect of others. Factors that enhance as well as hinder effective communication will also be discussed. Students will be exposed to actual or simulated situations which are illustrated through different communication scenarios.

Pr-requisites: HSS (221)

Nur. 342 Maternal Health Nursing Theory 3 C.H

This theory course provides opportunities for the students to acquire adequate knowledge base in the area of reproductive health and gynecologic and neonatal nursing utilizing knowledge from the biophysical sciences, humanities, growth and development, problem solving and the nursing process: to promote, and maintain. Health of individuals families and groups with needs related to reproductive health, and safe motherhood. Common gynecological and neonatal problems, are also introduced of this with an expanded knowledge related to women's health issues. *Pre-Requests: Nur (227), Nur (252), Med 255*

Nur. 344 Maternal Health Nursing Clinical 3 C.H

This course integrate knowledge from Nur. 342 and the basic sciences to attain high competency level of reproductive health and safe motherhood practices. Students will apply the nursing process, the psychomotor skills, and the problem solving technique to determine and deal with the physical, emotional, social and ethical nursing problems in the areas of reproductive health, safe motherhood and gynecology.

Pre-Requests: Nur (228), Biol (231) and concurrent with Nur (342)

Nur. 352 Child Health Nursing Theory 3 C.H

This course introduces the students to appropriate scientific knowledge which enables them to develop their own unique clinical and educational approach to care of children and their families. The course moves from simple to complex issues; starting with concepts of normal growth and development, health promotion and maintenance, and the prevention of illnesses and accidents and then to selected health problems (chronic and common health problems, and communicable diseases). This is achieved through utilizing the nursing process, developmental theories, new trends and the latest approaches in the management and caring of children. The course encourages students to utilize knowledge synthesis, problem solving techniques, critical thinking, and family centered approach in the provision of empowered care. Credits: 3

Pre-Requests: Nur (227), Nur (252), Med (255)

Nur. 356 Child Health Nursing Clinical 3 C.H

This course integrates knowledge acquired from Nur 352, nutrition and pharmacology in meeting the needs of the child from infancy through adolescence and their families in health and illness. Students will apply concepts related to growth and development, research, leadership and nursing process in planning comprehensive plan of care for children and their families. This course will introduce students to different clinical setting such as MCH, Nursery, hospital and rehabilitation centers which enable student to achieve a holistic approach to nursing care through primary prevention, health promotion, health maintenance and rehabilitation. Student will effectively engage in identification of ethical and legal problems, which help in decision making and problem solving.

Pre-Requests: Nur (228) and concurrent with Nur (352)

Nur. 403 Nursing Administration 3 C.H

This course provides students with knowledge of management principles, theories and related functions needed by the nurse leader in order to organize effective client care in clinical settings. *Pre-Requests: Nur (227)*

Nur. 409 Critical Care Nursing Theory 3 C.H

This course focuses on pathophysiological and psychological responses of adult clients experiencing critical health disruptions. Concepts from pathophysiology, nursing science, pharmacotherapeutics, and medical technology are integrated as a theoretical base for practicing critical care nursing and managing critical health disruptions. Approaches of analytical thinking, decision making, homodynamic monitoring, patients education, analysis of research results, and nursing process are used to build a system to identify physiological and psychosocial responses to critical health disruptions and synthesize appropriate intervention strategies. Legal and ethical issues related to critical care nursing will be discussed.

Pre-Requests: Nur (227)

Nur. 410 Critical Care Nursing Clinical 3 C.H

Through clinical days, this course focuses on application of principles and theories from nursing science, pathophysiology, pharmacology, health assessment, and medical technology to provide nursing care for adult clients experiencing critical health disruptions. The course addresses role components of a critical care nurse of monitoring, patient education, and utilization of medical technology to evaluate the health status of adult clients experiencing critical health disruptions with special focus on identification of psychological and physiological responses and learning needs of the clients and their families. Critical care nurses' roles of problem

solving, decision making, and prioritizing nursing diagnoses and intervention strategies are experienced.
Pre-Requests: Nur (228) and concurrent with Nur (409)

Nur. 431 Mental Health Nursing Theory 3 C.H

This course provides nursing students with basic knowledge about various theories. This course incorporates the concept of nursing process in explaining mental health issues and mental disorders and how can students utilize different steps in nursing process to help individuals with emotional and mental disorders and their families to retain and maintain the optimal level of mental health. This course also explains different theories and modalities which can help individuals to deal with various types of life stressors in a healthy and constructive ways. This course gives great emphasis on communication skills and how they affect the interaction with clients and other health professionals in the psychiatric settings. In this course, students learn different treatment modalities which are used to treat individuals with emotional and mental disorders and the role of the health team. Explaining emotional and mental disorders which affecting the status of mental health of the individual. *Pre-Requests: Nur (342) and Nur (352)*

Nur.433 Mental Health Nursing Clinical 3 C.H

This course provides BSN nursing students an opportunity to deal directly with clients who suffer from emotional and mental disorders and receiving care in psychiatric care settings where students can assess these clients and the resulting behavior exhibited by them by utilizing nursing process in planning and providing nursing care for those individuals based on knowledge gained from biological, social, psychological sciences as well as humanities and nursing. Students deal with clients by demonstrating high skills in therapeutic communication whether with individuals or in groups. Also, students help in maintaining therapeutic environment and work with clients in helping them to select the best coping methods to deal with life stressors as well as working with mental and social health team in helping those clients when using different modalities in psychiatric treatment and helping them and their families to retain and maintain optimal level of mental health to go back to community to live as normal as possible. *Pre-Requests: Nur (344), Nur (356) and concurrent with Nur (431)*

Nur.452 Neonatal Critical Care Nursing Theory 3 C.H

This course focuses on the theory and concepts of nursing management of high-risk newborns and their families. It is designed to prepare nurses to assume the role of a critical care nurse in a healthcare setting. The content includes an introduction to critical care nursing with common health and physical assessment skills, diagnostic tests, and nutritional measures integrated throughout the content areas. Emphasis is also placed on adaptation of the newborn to extrauterine life and stabilization, parameters and methods of assessment, variations and deviations from normal, and physical and emotional needs of the neonates and their families.
Pre-Requests: Nur (352)

Nur.453 Neonatal critical care nursing Clinical 3C.H

This course focuses on the critical care management of normal and high-risk newborns. Emphasis will be placed on the application of newborn assessment, the nurse's role during the weeks after the birth. By utilizing the nursing process, current research findings and integrating the principles of reproductive health and safe motherhood, the student will provide care for newborns, infants and their families.

The practicum part is designed to provide the learner with an opportunity to apply course concepts within a critical care setting. The practicum includes skill observation, practice, and performance of skills.
Pre-Requests: Nur (356) and concurrent with Nur (452)

Nur.464 Community Health Nursing Theory 3 C.H

The course provides theory and practice essential to the assessment, planning, implementation and evaluation of the clients across the lifespan in the individuals, families, groups, and the community itself. Emphasis is on the study and application of nursing role components inherent in community health for health promotion and as disease prevention based on the concepts of primary health care, self-care and home health care.
Pre-Requests: Nur (431)

Nur.466 Community Health Nursing Clinical 3 C.H

This course is designed to provide the student with the opportunity to observe, participate and function independently to explore nursing skills and techniques related to health promotion, health maintenance and health restoration and disease prevention among the target aggregates in primary health care settings (clinics and homes). Students are directed toward implementation of the nursing process through applying primary, secondary, and tertiary prevention of disease for clients in community setting.
Pre-Requests: Nur (433), and concurrent with Nur (464)

Nur . 476 Oncology Nursing Theory 3 C.H

This course focuses on principles and goals of cancer nursing, basic knowledge of cancer, epidemiology and incidence of cancer, carcinogenesis, pathology, classification, staging, and diagnostic investigations. Impacts of cancer on patients and families and the management of physical, psychosocial, spiritual and ethical problems of cancer patients are included. Additionally, nurses' roles on health promotion, prevention and control of cancer are explored.
Pre-Requests: Nur (227)

Nur.477 Oncology Nursing Clinical 3 C.H

This practicum is concentrated on the use of nursing process and theory as a model to provide appropriate nursing care for cancer patients receiving surgery, radiotherapy, chemotherapy, and biotherapy. A provision of psychological support for cancer patients and families is concerned.
Pre-Requests: Nur (228) and concurrent with Nur. (476).

Nur.480 Gerontological Nursing Theory 3 C.H

This course provides content related to nursing care of older adults with emphasis on practice and issues relevant to improved health care of the elderly. The focus is on biological, psychological, and sociocultural elements that influence the aging process and the onset of age-related illnesses. *Pre-Requests: Nur (227)*

Nur.481 Gerontological Nursing Practicum Clinical 3 C.H

This course builds upon content in Gerontological Nursing and focuses on health care deviations and nursing interventions in gerontological nursing practice. Age-related illnesses and common disorders are discussed within the context of health behaviors, healthy adaptation, cultural sensitivity, developing appropriate coping strategies, and family, community and nursing supports.
Pre-Requests: Nur (228) and concurrent with Nur. (480).

Nur.492 Special Topics (1) 1 C.H

In this course the students are exposed to selective phenomenon and issues in nursing and health science advancement. In addition to lectures, the students are expected to study and present a specific phenomenon under the supervision of a faculty member.

Nur.493 Special Topics (2) 2 C.H

In this course the students are exposed to selective phenomenon and issues in nursing and health science advancement. In addition to lectures, the students are expected to study and present a specific phenomenon under the supervision of a faculty member.

Nur.494 Clinical Training 3 C.H

Management and care of clients in an area of special interest to the students is the focus of this clinical course. This experience, continuous over a block of time, can occur in a setting where clients experience stable and predictable or unstable and unpredictable disruptions in health. Students are expected to practice with increasing independence under the supervision of a preceptor who is a Registered Nurse.

Pre-Requests: Nur (431), Nur (433) and concurrent with Nur (464)

Nur.495 Special Topics (3) 3 C.H

In this course the students are exposed to selective phenomenon and issues in nursing and health science advancement. In addition to lectures, the students are expected to study and present a specific phenomenon under the supervision of a faculty member.