

School	Nursing
Department	Maternal and Child Health Nursing Department
Program title (Arabic)	ماجستير التمريض السريري مسار تمريض صحة الام وحديثي الولادة
Program title (English)	Master Degree in Clinical Nursing/Maternal and Newborn Health Nursing
Track	Comprehensive

	Specialization #	Degree	Dep #	Faculty #	Year	Track
Plan Number	016	7	3	07	2021-202	comprehensive

First: General Rules & Conditions:

1. This plan conforms to the valid regulations of the programs of graduate studies.

2. Specialties of Admission:

Bachelor's Degree in Nursing, Bachelor's Degree in Midwifery

Second: Special Conditions:

One-year clinical nursing experience in a health care institution or one year teaching/training experience in Maternal-Newborn Health Nursing

Third: Study Plan: Studying (36) Credit Hours as following:

1. Obligatory Courses (27) Credit Hours:

Course No.	Course Title	Credit Hrs	Theory	Practical.	Pre/Co-requisite
0701722	Specialized Nursing: Ethics and Roles	3	3	-	-
0703724	Research Methodology in Nursing	3	3	-	-
0703725	Statistical Methods for Health Care Research	3	3	-	-

0702726	Changes in Health Physiology	3	3	-	-
0702734	Health Assessment Skills	3	2	1*	-
0702735	Clinical Pharmacology in Nursing	3	3	-	
0703736	Advanced Maternal Health Nursing I	3	2	1*	0702734
0703737	Advanced Maternal Health Nursing II	3	2	1*	0703736
0703738	Advanced Neonatal Health Nursing	3	1	2*	

* Each credit hour (practice) equals (8) actual clinical hours

2. Elective Courses: Studying (9) Credit hours from the following:

Course No.	Course Title		Credit Hrs	Theory	Practical.	Pre/C
0703720	Nursing Theories: Development and Application	3	3	-	-	
0701732	Teaching and Training in Nursing	3	3			
0701733	Management and Leadership in Nursing	3	3			
0701738	Health Care Informatics	3	3			
0703739	Women, Gender, and Health	3	3			
0703740	Selected Topics	3	3			

3. A comprehensive exam (0702798)

Courses Description:

(0701722) Specialized Nursing: Ethics and Roles (3 credit hours)

This course discusses the implications of advanced practice and its effects on the development of the nursing profession. In addition, the course will focus on the role of the nurse as a patient advocate and discusses some of the cross cultural and ethical issues that face nurses in providing care for their patients and families and provides guidelines for ethical decision making.

(0703724) Research Methodology in Nursing (3 Credit Hours)

This course introduces the students to different research designs, instruments, methods of data collection and analysis. This course focuses on the utilization of scientific research in the

development of nursing knowledge. The students will have the opportunity to design a research proposal in his/her area of specialization.

- (0703725) Statistical Methods for Health Care Research (3 Credit Hours)**
The emphasis of this course is on the nature and characteristics of the most commonly used statistical techniques (descriptive statistics, correlation and linear regression, factor analysis, and elementary hypothesis testing), and their applicability to specific health care problems within the context of nursing. Students will develop skills and knowledge in the use of computing software and to reinforce learning through assignments, including the analysis of data and interpret computer output.
- (0702726) Changes in Health physiology (3 credit hours)**
This course focuses on the pathogenesis of human disease as a consequence of abnormalities and alterations of normal physiological function. Regulatory and compensatory mechanisms that aim at maintaining and restoring homeostasis in response to changes in the internal and external environment are explored. This course tackles all systems, but emphasizes those systems encountered in critical care units, within an appropriate theoretical framework. It will form the basis for planning essential and comprehensive nursing care interventions, aiming at providing comprehensive patient care.
- (0702734) Health Assessment Skills (2 credit hours theory, 1 credit hour practical)**
This course focuses on providing the students with the knowledge, and skills needed for applying comprehensive health assessment skills client in the context of the family. This course will include training the students how to assess and document medical history and to carry out complete and comprehensive health assessment to record, interpret, and report the results of this assessment. Students will learn to utilize the results of the comprehensive clinical assessment in order to plan the nursing care.
- 0702735) Clinical Pharmacology in Nursing (3 credit hours)**
The course deals with the use of drugs in humans. It includes a brief description of the pathophysiological processes, diagnosis and treatment of common medical problems. The mechanism of action, pharmacological effects, clinical uses, adverse effects and drug interactions will be discussed. In addition, the course will briefly discuss preclinical and clinical trials and the ethics of conducting such studies.
- (0703736) Advanced Maternal Health Nursing I (2 credit hours theory, 1 credit hour practical)**
This theoretical (2 credit hours) and clinical (1 credit hour) course is designed to provide master's nursing students with advanced evidence-based knowledge related to maternal physical, psychological, social, and spiritual aspects of health before and during pregnancy. The theoretical part will equip students with advanced concepts and roles of the maternity nurse specialist as a practitioner, researcher, consultant, and educator in providing holistic care for women within a family context.

Learning of basic contents such as female and male reproductive system anatomy and physiology, fetal development, and normal and high-risk pregnancy conditions is enhanced through developing critical thinking and problem solving skills. Learning is achieved through interactive learning strategies that will include seminars, guided independent study, case study, flipped learning, and/or other appropriate learning strategies. The clinical part (1 credit hours = 8 clinical hours/week) will assist students to plan and deliver safe and holistic nursing care within the context of health promotion activities before and during pregnancy periods. Students will acquire competence in assessing and providing care for women in antenatal care in normal and high risk pregnancy (e.g., bleeding problems during pregnancy, gestational diabetic, and pregnancy induced hypertension), and gynecological health problems (e.g., menstrual disorder, polycystic ovaries, and infertility). The students will achieve the clinical competencies through clinical training in maternity health care centers and hospitals' antenatal and gynecologic wards.

(0703737) Advanced Maternal Health Nursing II (2 credit hours theory, 1 credit hour practical)

This course will provide graduate nursing students with advanced evidence based theoretical knowledge of the normal and high risk maternal conditions during birth and postpartum periods with an emphasis on the needed competencies. The emphasis will be on performing initial assessment and recognition of complications that arise during labor and birth (e.g., Dysfunctional labor), and postpartum periods (e.g., haemorrhage) as well as obstetric emergencies (e.g., dystocia, uterine rupture) and their appropriate management. Furthermore, the students will be given the opportunity to discuss and examine current issues related to maternal health as family planning methods and breastfeeding by reviewing the latest evidence on new directions in the field, analyze the influential factors (e.g., beliefs, practices) that increase risk for perinatal morbidity and mortality and use existing evidence based data sources to explore the ways to improve maternal health (physical, psychosocial and spiritual aspects). In addition to the theoretical component, this course includes a clinical component (8 clinical hours weekly) to give students an appropriate chance to apply clinical knowledge pertaining to advanced maternal nursing for normal and high-risk clients in the intrapartum and postpartum periods. The clinical component will enable students to develop and expand their skills and roles to promptly implement nursing interventions when complications arise and to provide competent and compassionate care to assist clients and their family's adaptation. Throughout the course, principles of communication, professionalism and various roles of the clinical nurse specialist including practitioner, researcher, consultant, and educator will be emphasized. Students will provide holistic nursing care through integrated approach of utilizing nursing process and incorporate evidence-based nursing interventions into a comprehensive plan of care, theories, research and critical thinking approach. The students will learn and perform the clinical training in different health care institutions utilizing rigorous and engaging active learning strategies including seminars, lectures, interactive activities, and shared learning opportunities

(0703738) Advanced Neonatal Health Nursing (1 credit hour theory, 2 credit hours Practical)

The purpose of this course is to prepare graduate nurses to assume the role of advanced neonatal nurses, which encompasses evidenced-based nursing care of normal and high-risk infants. The course will include one theory credit hour and two clinical credit hours that focus on the care provision of normal, critically ill, and convalescent premature and full-term infants. Graduates adopt the advanced roles in a variety of clinical settings that include: delivery, postnatal, newborn nurseries, neonatal intensive care units (levels: I, II, and III), and newborns follow-up clinics. Following an integrated developmental supportive and family centered care model, the graduates will acquire advanced competencies in providing holistic neonatal nursing care around seven key areas: the Golden-Hour and immediate care after birth, parent-child bonding, common health problems of neonates, challenges of growth and maturity, pharmacological principles in neonates, developmental care, and principles of palliative care. The students will learn through diverse interactive learning strategies to achieve successfully the course and the program intended learning outcomes.

(0703720) Nursing Theories: Development and Application (3 credit hours)

In this course the nature, process and the evolution of contemporary nursing theories will be explored. Selected nursing theories, models and frameworks that are used in the nursing profession will be analyzed critically. Application of theoretical concepts to solve nursing problems in diverse societal settings will be addressed.

(0701732) Teaching and Training in Nursing (3 credit hours)

In this course, the emphasis will be on educational aspects of critical care and adult health nursing as an aspect of nursing practice. The student will develop instructional design as related to the educational needs of the patient and family. Emphasis will be on teaching and training other nursing personnel in the area of critical care through the use of instructional design. Emphasis will be on utilizing a comprehensive instructional process.

(0701733) Management and Leadership in Nursing (3 credit hours)

This course provides for the comprehensive study of the department of nursing as a vital component of multiple health care delivery systems. Its primary focus is on the preparation of nurse managers to function in a variety of health care settings. It examines financial, personnel, and quality control management with the emphasis on the role behaviors of the nurse manager as an advanced practitioner of nursing. An overview of management and leadership theories and processes and their implication for nurse managers is provided. The role of the advanced practitioner and consultant in marketing nursing services is also described.

(0701738) Healthcare Informatics (3 credit hours)

This course introduces students to the principles and application of major information systems approaches in the delivery and administration of health care. In addition to application of healthcare informatics in clinical practice, other areas of informatics

application are emphasized such as research, education, administration, and quality management. The students will have the opportunity to learn about health care informatics principles, information and communication technologies in health care, clinical information systems, electronic health records, telehealth, and health information security, confidentiality, integrity, and availability

(0703739) Women, Gender, and Health (3 credit hours)

The purpose of this course is to provide students with an overview of key concepts in the field of women's health from a gender perspective. This course will focus on analyzing the extent to which gender aids in the conceptualization of both women and women's experiences of health and illness. The content of this course addresses matters related the biopsychosocial and spiritual aspects and global politics of women's health and emotional wellbeing throughout the life span. The course emphasizes the study of gender and gender equity as an interacting determinant of women's health. Through utilizing a gender framework, pertinent issues will be discussed including reproductive rights, sexuality, violence, aging, and common health issues of the post-reproductive years. This course will enable students to implement evidence-based approaches and critical thinking abilities to evaluate how social, cultural, and policy issues influence and are influenced by women's health issues. Finally, this course will introduce students to the breadth of evidenced-based research methods of the study of gender issues in relation to health promotion. The students will learn by utilizing different interactive learning strategies that will include seminars, guided independent study, case study, flipped learning, and/or other appropriate learning strategies.

(0703740) Selected Topics (3 credit hours)

This elective course is designed to give students the freedom of selecting a course/topic based on their needs to enhance their knowledge and to broaden their perspective in a specific area in nursing science or practice. Beside the students' needs, the topics selected will vary according to the contemporary significant health issues. Examples of the courses underlying the selected topics that a student may study include: Academic writing course, or Global health course, or Health policies course. The students will learn by utilizing different interactive learning strategies that will include seminars, guided independent study, case study, flipped learning, and/or other appropriate learning strategies.