

1.	School	College of Graduate Studies and Scientific Research
2.	Faculty /Department	Faculty of Allied Medical Sciences/ Nursing
3.	Program title(Arabic)	ماجستير الرعاية الحثيثة
4.	Program title(English)	Master Degree in Critical Care
5.	Track	<b>Thesis, comprehensive</b>

#### First: General Rules &Conditions:

1. This plan conforms to the valid regulations of the programs of graduate studies.
2. Specialties of Admission:  
-The First Priority: Bachelor's in...**Nursing**

#### Second: Special Conditions:

- One year clinical nursing experience in a health care institution or a teaching/training experience of one year in the related specialty.

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

##### 1. Obligatory Courses(24)Credit Hours:

Course No.	Course Title	Credit Hrs	Theory	Practical.	Pre/Co-requisite
704201	Advanced Research Method and biostatistics	3	3	-	-
704202	Nursing Theories: Development and Application	2	2	-	-
704203	Health Assessment Skills	3	2	1/ Lab	-
704204	Critical Care Nursing(1)	3	2	8	Health Assessment Skills
704205	Critical Care Nursing(2)	3	2	8	Critical Care Nursing(1)
704206	Clinical Nursing	4	1	16	Critical Care Nursing(2)



704207	Clinical Pharmacology in Nursing	2			
704208	Change in health Physiology and Pathophysiology	2			
704209	Critical Care for Children	2			

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

## 2. Thesis Project (6) Credit hours or Comprehensive (3) Credit hours

Course No.	Course Title	Credit hrs	Theory	Practical.	Pre – request
701488	Thesis 1*	3	-	-	
701988	Thesis 2*	3	-	-	
702403	Research and Seminar Project**	3			

\*Thesis track, \*\* Comprehensive track

## 3. Elective Courses: Studying (6) Credit hours for thesis track and (9) for comprehensive track from the following:

Course No.	Course Title	Credit Hrs	Theory	Practical.	Pre/Co-requisite
704301	Teaching and Training in Nursing	3	3	-	-
702307	Specialized Health care: Ethics and Roles	3	3	-	-
702405	Management and Leadership in Health care	3	3	-	-
704302	Emergency and Disaster Nursing	3	3	-	-
704303	Palliative Care: Pain and Suffering	3	3	-	-
704304	Therapeutic relationships in Psychiatric nursing	3	3	-	-

الخطة الاسترشادية: توزيع المساقات على الفصول الأربعة كما يأتي:

مسار الرسالة

### Course Paradigm

First Year					
Fall			Spring		
	Advanced Research Method and biostatistics	3		Critical Care Nursing(1)	3
	Nursing Theories: Development and Application	2		Clinical Pharmacology in nursing	2
	Health Assessment Skills	3		Change in health Physiology and Pathophysiology	2
				Critical Care for Children	2
Total:		8	Total:		9

Second Year					
Fall			Spring		
	Critical Care Nursing (2)	3		Clinical Nursing	4
	<b>Elective 1</b>	3		<b>Elective 2</b>	3
	Thesis 1*	3		Thesis 2*	3
Total:		9	Totals:		10

الخطة الاسترشادية: توزيع المساقات على الفصول الأربعة كما يأتي:

مسار الشامل

### Course Paradigm

First Year					
Fall			Spring		
	Advanced Research Method and biostatistics	3		Critical Care Nursing(1)	3
	Nursing Theories: Development and Application	2		Clinical Pharmacology in nursing	2
	Health Assessment Skills	3		Change in health Physiology and Pathophysiology	2
				Critical Care for Children	2
Total:		8	Total:		9

Second Year					
Fall			Spring		
	Critical Care Nursing (2)	3		Clinical Nursing	4
	<b>Elective 1</b>	3		<b>Elective 3</b>	3
	<b>Elective 2</b>	3		Research and Seminar Project	3
Total:		9	Totals:		10

### **COURSE DESCRIPTION:**

#### **Specialized Health care: Ethics and Roles (3 credit hours)**

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

#### **Critical Care nursing (1) (3 credit hours)**

***Prerequisite:*** Health Assessment Skills

This course, theory and clinical, provides the student with the advanced knowledge, attitudes, and skills needed to provide comprehensive nursing care for the patient with critical health conditions. The course focuses on preparing students to assist the patient and his family to adapt to their conditions and achieve the optimal level of care with the minimum disabilities. The nursing process provides a framework in providing nursing care for individuals within physiological health patterns. The course helps the student to explore scientific literature and utilize research findings in planning and providing comprehensive nursing care for patients in critical care units.

#### **Critical Care Nursing (II) (3 credit hours)**

***Prerequisite:*** Critical Care nursing (1)

This course prepares the nurse to practice as an advanced practitioner in providing care to critically ill patients and their families. The course is composed of a theoretical part and a clinical part, the theoretical component of the course will also focus on the psychosocial health. These patterns will guide the discussions concerning the health and nursing care needs of critically ill patients in addition to utilizing the nursing process in providing nursing care for this group of patients. Students are expected to read the latest research related to the topics of discussion. The practicum will focus on providing the students with relevant clinical experience in a variety of critical care settings.

### **Clinical nursing (4 credit hours)**

**Prerequisite:** Critical Care Nursing (2)

The student will spend sixteen hours weekly in clinical training under the guidance of the faculty members in different critical care units or in the medical and surgical departments according to the student specialty area. The course provides students with the opportunity to utilize the knowledge and skills he/she acquired in providing advanced specialized nursing care to clients.

### **Nursing Theories: Development and Application (2 credit hours)**

In this course the nature, process and 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.

### **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.

### **Change in health Physiology and Pathophysiology (2 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.

### **Management and Leadership in health care (3 credit hours)**

This course provides for the comprehensive study of the Allied Medical Sciences as a vital component of multiple health care delivery systems. Its primary focus is on the preparation of health care managers to function in a variety of health settings. It examines financial, personnel, and quality control management with the emphasis on the role behaviors of the health care manager. An overview of management and leadership theories and processes and their implication for health care managers is provided.

### **Palliative Care: Pain and Suffering (3 credit hours)**

This course provides an in depth study of pain and symptom management, including advanced care planning with clients and their families. This course takes a comprehensive look at the management of pain and suffering as understood from the patient's lived experience and applied to nursing practice. Both pharmacological and non-pharmacological pain management strategies are examined and the ethical clinical decision-making in pain management is emphasized according to established standards for quality care and best practices within an interdisciplinary team.

### **Therapeutic relationships in psychiatric nursing (3 credit hours)**

This course focuses on the application of caring theory to interpersonal communications. It emphasizes the development of the role of communicator in individual and group experiences and in professional relationships. Utilizing an experiential model, laboratory experiences focus on self-awareness and group dynamics. The students will be able to experiment and practice the models of therapeutic relationship and establish a connection between communication styles and health outcomes.

### **Health Assessment Skills (3 credit hours)**

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.

### **Advanced Research Method and biostatistics (3 Credit Hours)**

The purpose of this course is to prepare the graduate students for the utilization of new knowledge to provide high quality health care, initiate change, and improve practice. The course introduces the students to different research designs, instruments, methods of data collection, analysis and used statistical techniques (descriptive statistics, correlation and linear regression, factor analysis, and elementary hypothesis testing), and their applicability to specific health care problems. The students will have the opportunity to design a research project in his/her area of specialization.

### **Clinical Pharmacology in nursing (2 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.

### **Emergency and Disaster Nursing (3 credit hour)**

This course introduces the student to the process and principles of providing efficient care during emergency and disaster situations. The student will receive comprehensive knowledge and skill of emergency and disaster planning and management, and technical and legal issues related to the role of nurse in different emergency and disastrous situations. It further equips the student with the attitudes and skills necessary for handling multiple patient conditions and trauma situations.

### **Nursing Critical Care for Children (2 credit hours)**

This course focuses on providing the students with the most recent scientific knowledge, attitudes and professional aspects that are based on the most recent knowledge in the nursing science and other sciences. It aims at preparing students to provide specialized comprehensive nursing care for newborns, children, and adolescents in critical conditions. The nursing process provides a framework in providing nursing care for newborns, children and adolescents utilizing the psychosocial, physiological health patterns in the different functional health patterns.