

Study plan for the BSc in Nursing

Mutah University and the faculty of Nursing follow certain system numbering the faculty courses in the study plan. The numbering system is explained as follows:

- Numbering system:
 - The course number contains 7 numerical digits
 - The first two digits of the 7 digits number indicate the faculty code.
 - The 3rd and 4th digits indicate the department code.
 - The 5th digit indicate the level.
 - The 6th and 7th digits indicate the serial number.

1	4	0	1	2	0	7
Faculty		department		level	Serial number	

1. Nursing department codes

Number	Department
1	Adult Health Nursing
2	Maternity and child Health Nursing
3	Community and Mental Health Nursing

2. Courses' levels

	Course specialty	Level	Course specialty
1	Fundamental of Nursing	3	Mental Health Nursing
2	Adult Health Nursing	4	Community health Nursing
3	Child Health Nursing	4	Management and Leadership in Nursing
3	Maternal Health Nursing	4	Advance clinical Nursing
3	Critical care Nursing		

3. University Requirements: (27) credit hours

Study plan (BACHELOR'S DEGREE IN NURSING)

The study plan at the Faculty of Nursing enables the student to obtain Bachelor's Degree of Science in nursing by attending (140) credit hours divided by four academic years as follow:

Number	Types	Credit hours
1	University Requirements	27
2	Faculty Requirements	23
3	Compulsory specialization requirements	87
4	Elective specialization requirements	3
TOTAL		140

1. University Requirements : (27) credit hours**A. Compulsory Requirements: (12) credit hours**

Course number	Course title	Faculty	Credit hours	Evaluation
1801101	Arabic language (1)	Linguistic	3	Mark
1802101	English language (1)	Linguistic	3	Mark
1600105	National education	Social science	3	Mark
0101171	Military science	Military science	3	Mark

B. Elective courses: (15) credit hours on the basis of 3 credit hours per course. Students has to choose courses from the first, second and third group as mentioned below with a minimum of one course and a maximum of two courses from each group. (students cannot choose course from the Faculty of Nursing):

Group one: Humanitarian Sciences (6 credit hours)				
Course number	Course title	Faculty	Credit hours	Evaluation
0201102	Arabic language (2)	Art	3	Mark
0209101	French language	Art	3	Pass/fail
0209103	Spanish language	Art	3	Pass/fail
0209107	Italian language	Art	3	Pass/fail
0202102	English language (2)	Art	3	Mark
0500100	Islamic culture	Share'a	3	Mark
0500103	Human rights in Islam	Share'a	3	Mark
0706100	Law in our life	Law	3	Mark
0803101	Principles of education	Social sciences	3	Mark
0803103	Environment education	Social sciences	3	Mark
0809101	Introduction to psychology	Social sciences	3	Mark
1301100	Principles of physical education	Physical science	3	Mark

Group two: economic and social sciences: (6) credit hours				
Course number	Course title	Faculty	Credit hours	Evaluation
1601104	Introduction to family violence	Social sciences	3	Mark
1602104	Geography of Jordan	Social sciences	3	Mark
1603103	Jordan & Palestine ruins in old history	Social sciences	3	Mark
1604102	Islamic civilization	Social sciences	3	Mark
1604104	Jerusalem in Arab & Islamic history	Social sciences	3	Mark
1605101	Introduction to political sciences	Social sciences	3	Mark
1900100	Work ethics	Business administration	3	Mark
1902101	Introduction to economic	Business administration	3	Mark

Group three: science, technology, agriculture, health (3) credit hours				
Course number	Course title	Faculty	Credit hours	Evaluation
0401121	Principles of general electricity	engineering	3	Mark
0402120	Principles of car mechanics	Engineering	3	Mark
0403120	Traffic safety	engineering	3	Mark
1101108	Indoor plants & house garden	Agriculture	3	Mark

2. **Note:** All students should pass Arabic language, English language, and computer competency exams. Student who fails, should register for an additional course (099)outside the study plan

3. **Faculty requirements:** (23) credit hours

Course number	Course title	Credit hours	Pre-requisites	concurrent
1402101	Medical terminology & professional writing	2	-	-
0303101	General chemistry (1)	3	-	-
0305101	General Biological (1)	3	-	-
1403100	Anatomy for nursing	3	0305101	0305101
1403101	Physiology for nursing	3	0305101	0305101
0305301	Biochemistry for nursing	3	0305101, 0303101	
0305332	Microbiology for nursing	3	0305101	
1401201	Pharmacology for nursing	3	0305301	
Total		23		

4 – Specialization requirements: (90) credit hours divided as follows:**A. Compulsory specialization Requirements: (87) credit hours****B. Elective specialization requirements: (3) credit hours****A- Compulsory specialization Requirements: (87) credit hours**

Course number	Course title	Weekly hours		Credit hours	Prerequisites	or Concurrent
		theory	clinical			
1401110	Fundamental of Nursing	3	-	3	1403100,1403101	-
1401111	Fundamental of Nursing practical	-	3	3		1401110
1401112	Introduction to clinical nursing practice	-	2	2	1401110	
1401200	pathophysiology	3		3	1401112	
1402250	Nursing Health assessment practical	-	3	3	1401110	1401110
1401224	Adult Health Nursing (1)	3	-	3	1401112,1402250	1402250
1401229	Adult Health Nursing (1) clinical	-	3	3		1401224
1401226	Adult Health Nursing(2)	3	-	3	1401224,1401200	1401200
1401230	Adult Health Nursing(2) clinical		3	3	1401201	1401226
1402272	Applied nutrition	3		3		
1403324	Disasters and emergency nursing	3	-	3	1401226	1401226
1402301	Child growth and development	3	-	3	1401226	
14102330	Maternity &new born nursing	3	-	3	1401226	
1402331	Maternity &new born nursing- clinical	-	3	3		1402330
1402340	Pediatric nursing	3	-	3	1402301	1402301
1402341	Pediatric nursing clinical	-	3	3		1402340
1403352	Health education & communication skills	3	-	3	1401226	
1401425	Critical care nursing	3	-	3	1401226	1402330
1401428	Critical care nursing-clinical	-	3	3		1401425
1403452	Community health nursing	3	-	3	1402330, 1402340	

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1403456	Community health nursing-clinical	-	3	3		1403452
1403459	Epidemiology and biostatistics	3	-	3	1401224	1401224
1403460	Psychiatric & mental health nursing	3	-	3	1401226	1402340
1403461	Psychiatric & mental health nursing-clinical	-	3	3	1403460	1403460
1403463	Nursing: history, trends and issues	3	-	3	1401226	1401226
1401470	Administration and leadership in nursing	3	-	3	1404425, 1403460	
1401471	Administration and leadership in nursing-clinical	-	1	1		1401471
1402472	Nursing research	3	-	3	1401226	
1401480	Advanced clinical nursing practice	-	4	4	1401470	1401470

- Each credit hour of practical courses equal three hours in the laboratory
- Each credit hour of clinical courses equal four hours in the clinical area (Hospitals)
- Each credit hour of advanced clinical nursing practice courses equal 7 actual clinical hours which equivalent to 40 shifts (7hours/shift) registered in graduation semester

B- Elective specialization requirements: (3) credit hours

Course number	Course title	Weekly hours		Credit hours	prerequisites	concurrent
		Theory	Clinical			
1403301	Palliative care nursing	3	-	3	1401224	
1403302	Nursing gerontology	3	-	3	1401224	
1402201	Current topics in health and nursing	3	-	3	1401224	

Study guide according to cohort level:**First Year (level 1)**

First Semester			Second Semester		
Course Number	Course Title	Credit Hours	Course Number	Course Title	Credit Hours
0305101	Biology (1)	3	1401110	Fundamentals of nursing	3
0303101	General chemistry	3	1401111	Fundamentals of nursing practical	3
1403100	Anatomy for nursing students	3	0305301	Biochemistry for nursing students	3
1403101	Physiology for nursing students	3	1402101	Medical terminology and professional writing	2
	University mandatory or elective course	3		University mandatory or elective course	3
Total		15	Total		14

Summer semester

Course Number	Course Title	Credit Hours
1402250	Nursing clinical health assessment	3
1401112	Fundamentals of nursing clinical	2
1401201	Pharmacology for nursing students	3
Total		8

* Summer semester is a mandatory for first year students

Second Year (level 2)

First Semester			Second Semester		
Course Number	Course Title	Credit Hours	Course Number	Course Title	Credit Hours
1401224	Adult health nursing (1)	4	1401226	Adult health nursing (2)	4
1401229	Adult health nursing clinical (1)	3	1401230	Adult health nursing clinical (2)	3
1504200	Microbiology for nursing students	3	1402272	Applied Nutrition or	3
1401200	Pathophysiology	3	1403352	Health education and communication skills	3
	University mandatory or elective course	3		University mandatory or elective course	3
Total		16	Total		16

Third Year (level 3)

Semester			Second Semester		
Course Number	Course Title	Credit Hours	Course Number	Course Title	Credit Hours
1402340	Pediatric nursing	3	1402330	Maternity and new born nursing	3
1402341	Pediatric nursing clinical	3	1402331	Maternity and new born nursing clinical	3
1402301	Child growth and development	3	1401425	Critical care nursing	3
1403324	Disasters and emergency nursing	3	1401426	Critical care nursing clinical	3
1403460	Psychiatric and Mental health nursing	3	1403352	Health education and communication skills	3
1403461	Psychiatric and Mental health nursing clinical	3		University mandatory or elective course	3
Total		18	Total		18

Third Year (level 3)(Alternative Plan)

First Semester			Second Semester		
Course Number	Course Title	Credit Hours	Course Number	Course Title	Credit Hours
1402330	Maternity and new born nursing	3	1402340	Pediatric nursing	3
1402331	Maternity and new born nursing clinical	3	1402341	Pediatric nursing clinical	3
1401425	Critical care nursing	3	1402301	Child growth and development	3
1401426	Critical care nursing clinical	3	1403324	Disasters and emergency nursing	3
1403352	Health education and communication skills	3	1403460	Psychiatric and Mental health nursing	3
	University mandatory or elective course	3	1403461	Psychiatric and Mental health nursing clinical	3
Total		18	Total		18

Fourth Year (level 4)

First Semester			Second Semester		
Course Number	Course Title	Credit Hours	Course Number	Course Title	Credit Hours
1403452	Community health nursing	3	1402472	scientific research in nursing	3
1403456	Community health nursing clinical	3	1401470	Administration and leadership in nursing	3
1403463	Nursing: history, trends and issues	3	1401471	Administration and leadership in nursing (clinical)	1
1403459	Epidemiology and biostatistics	3	1401480	Advanced clinical nursing practice	* 4
	University mandatory or elective course	3		University mandatory or elective course	3
Total		15	Total		14

Fourth Year (level 4)(Alternative Plan)

First Semester			Second Semester		
Course Number	Course Title	Credit Hours	Course Number	Course Title	Credit Hours
1403463	Nursing: history, trends and issues	3	1403452	Community health nursing	3
1401470	Administration and leadership in nursing	3	1403456	Community health nursing clinical	3
1401471	Administration and leadership in nursing (clinical)	1	1402472	scientific research in nursing	3
1401480	Advanced clinical nursing practice	4*	1403459	Epidemiology and biostatistics	3
	University mandatory or elective course	3		University mandatory or elective course	3
Total		14			15

Course Description

Course No.	Course Title	Credit Hours
0303101	General Chemistry- Prerequisite: (None)	3
	This Course introduces the students to the general concepts of general and organic chemistry necessary to understand the basic concepts of pharmacology and biochemistry and nutrition. The topics to be covered in this course are: types of chemical reactions and solution stoichiometry, Bonding, covalent bond, acids and bases, commune ion effect, buffered solutions, titration and pH, alkanes, alkenes, alkynes, aromatic, stereochemistry, alcohols, phenols, ethers, aldehydes and ketone, carboxylic acids and their derivatives, amines and heterocyclic amines.	
0305101	Biology (1) Prerequisite: (None)	3
	This course concerned to introduce students to the basic principles of biology: the chemical context of life, water and fitness of the environment, carbon and molecular diversity of life, the structure and function of large molecules, cell structure, membrane structure and function, cellular respiration, photosynthesis, introduction to metabolism, the cell, meiosis and sexual life cycle and Mendel and the gene idea.	
0305332	Microbiology for nursing students Prerequisite: (0305101),	3
	This course covers basic principles of microbiology and provides an introduction to the diversity, physiology, morphology, genetics, ecology, applications and phathgenicity of microbes. Students w3ill be able to understand structure and function of bacteria, archaea, viruses, and eukaryotic microbes	
0305301	Biochemistry for nursing students Prerequisite: (0305101), 0303101	3
	This is a general biochemistry course designed to introduce students to the chemical structures of cellular macromolecules, carbohydrates, proteins, lipids, and nucleic acids. Principles of bioenergetics will be explained and then the metabolism of carbohydrates, fats, and nitrogen containing materials such as amino acids, proteins, nucleic acids and related compounds and their regularity mechanisms will be discussed. It will also cover related biochemical techniques.	
1403100	Anatomy for nursing students Prerequisite: (0305101) or concurrent	3
	This course introduces the student to the normal structure of the human body systems. Also it allows the student to have a fair idea about the general construction and development of the human body. In addition, the course aims at introducing the student to have a simple idea about the histological aspects of the primary tissues, a brief description of the structure, ultrastructure, molecular biology and functions of the cells and their products.	

1403101	Physiology for nursing students Prerequisite: (0305101) or concurrent	3
	This course introduces the student to the mechanisms of the functions with basic definitions and principles related to physiology as a study of living body at molecular, cellular as well as the level of intact organism. It also aims to introduce the concept of internal environment and homeostasis. Also, the course describes the principles and mechanisms that govern the movement of body fluids across different body membranes, the electrical and ionic events that underline the excitation of reactive tissues as well as the mechanism underlying different muscle contraction. Moreover, it covers the general organization and functional aspect of the autonomic nervous system, cardiovascular, respiratory, renal, gastrointestinal, and reproductive system.	
1402101	Medical terminology and professional writing Prerequisite: (None)	2
	This course is designed to introduce students to the basic medical and terminologies as health professions to enable them to practice professional. Students will recognize the purposes of documentation with its legal issues state documentation fundamentals. This course also stresses the pronunciation, spelling, and usage of common medical and nursing terms and abbreviation in all health care settings.	
1401201	Pharmacology for nursing students Prerequisite: (0305332), (0305301)	3
	The course aims at familiarizing the students with the general principles of drug action, pharmacokinetics, safety and interactions. The role of nursing in this process is prescribing the different drugs affecting the autonomic transmission, as well as the important outocoid mediator of intllammation (Histamine and Eicosanoids) and all body systems.	
1401110	Fundamentals of nursing Prerequisite:(1403100), (1403101)	3
	This introductory course orients the beginner students to the profession of nursing. The content of this course is structured to equip the student with knowledge of physiological and psychological human needs organized around functional health patterns. A main focus of this course is examining contemporary issues in nursing, for instance health, wellness, illness, health promotion, and holistic approach among others. The course also introduces the students to the skills essential for the practice of nursing in a variety of settings. Additionally, a special emphasis is put on the nursing process as a framework for the delivery of nursing care.	
1401111	Fundamentals of nursing practical Prerequisite:Concurrent (1401110)	3
	This laboratory training course gives the student the opportunity to employ concepts, principles and knowledge obtained from the parallel course (1401110) to developing skills necessary to provide safe and effective nursing care in different settings. In order to enhance the mastery of skills, the guided laboratory experience of student will	

	progress from simple to complex using a variety of teaching-learning strategies.	
1401112	Fundamentals of nursing clinical Prerequisite:(1401110)	2
	This clinical course is a transitional course for beginning nursing students to move from demonstrating nursing skills in the laboratory to deal with inpatients under supervision. In the course, the student is expected to address the assessment phase of the nursing process.	
1402250	Nursing clinical health assessment Prerequisite:(1401110) or Concurrent	3
	This course aims at providing nursing students about various methods followed in assessing the patient's health status through the characteristics of the normal people from the chronological point of view. Using knowledge of anatomy and physiology, students will have the opportunity to learn the skills of completing a holistic adult health assessment. This course includes taking a health history and assessing existing physical, social and mental health status by collecting data from the patient interview, physical examination and assessing the health condition.	
1401200	Pathophysiology Prerequisite: (1401112)	3
	This course is designed to equip the student with information on changes occurring in body functions secondary to an illness. In particular, diseases of different body systems are discussed in terms of causes, process of occurring. Possible physiological alterations and how these alterations may affect the normal activities of the body. Such as this course will help the student to rationalized nursing interventions to patients and families.	
1401224	Adult health nursing (1) Prerequisite:(1401112), (1402250) or Concurrent	4
	This course is designed to equip the student with knowledge skills and attitudes necessary to provide effective and holistic nursing care to adult patients and their families experiencing common health problems along the health care continuum. The course focuses on the role of the nurse in promoting health and wellness using the nursing process as a framework. Emphasis is placed on adult suffering from alterations cardiovascular, respiratory, hematological, renal and integumentary functions.	
1401229	Adult health nursing clinical (1) Prerequisite:(1401110) or Concurrent	3
	This clinical course provides students with the opportunity to use the nursing process as a frame of providing professional nursing care to adult individuals along the healthcare continuum. Patient centered care related to basic human needs is implemented utilizing critical thinking and evidence based nursing practice.	
1401226	Adult health nursing (2) Prerequisite:) (1401224), (1401200) or Concurrent	4
	This course is a continuation of Adult Health Nursing (I). In this	

	<p>course, the student will be equipped with knowledge, skills and attitudes necessary to provide effective and holistic nursing care to adult patients and their families experiencing common health problems along the healthcare continuum. The course focuses on the role of the nurse in promoting health and wellness using the nursing process as a framework. Emphasis is placed on adult with the following dysfunctions: Metabolic and Endocrine, Musculoskeletal, Gastrointestinal, neurological, Eye Ear Nose and Throat disorders.</p>	
1401230	<p>Adult health nursing clinical (2) Prerequisite: Concurrent with (1401226), (1401201) or Concurrent</p>	3
	<p>This course is continuation of the Adult Health Nursing II clinical training where the students use the nursing process as a frame of providing professional nursing care to adult individuals along the healthcare continuum. Patient centered care related to basic human needs is implemented utilizing critical thinking and evidence based nursing practice.</p>	
1402272	<p>Applied Nutrition Prerequisite: (1503100)</p>	3
	<p>The course aimed to introduce the students to the basics of healthy diet and nutritive elements as carbohydrates, protein, lipids, vitamins, water and minerals. Also introduce the students to the functions and their deficiencies, digestion, absorption and metabolism of these elements and body requirements during life cycles infancy, childhood, adolescence and aging as well. it introduces the students to the meaning of balanced diet, how to conduct a plan for healthy diet and diet plan for all types of diseases such as gastrointestinal disease, cardiovascular diseases, renal diseases, immune system diseases, cancer, and obesity.</p>	
1403324	<p>Disasters and emergency nursing Prerequisite: (1401226) or Concurrent</p>	3
	<p>This course provides nursing students with an opportunity to acquire the knowledge, skills and principles required to manage a wide variety of natural and manmade disasters and major incident situations including natural disasters, acts of terrorism, and acts of war, with a strong emphasis on the role of nurses during the time of disaster. Disaster planning and emergency preparedness, resources and policies of emergency and disaster utilization, principles of disaster nursing and care of patients with trauma, and principles of evacuation, first aid and triage are included in order to meet the emotional, social and spiritual needs of victims who have been affected by a disaster. Critical thinking abilities as well as, analysis of actual or virtual disaster scenarios, WHO curriculum of emergency and disaster, and site visits will be utilized to enrich the learning experiences of the students.</p>	
1401425	<p>Critical care nursing Prerequisite: 1401226, Concurrent with (1402330)</p>	3
	<p>This course provides the student with knowledge and skills necessary to manage patients with critical conditions. The course content is</p>	

	structured around providing holistic nursing care within a multidisciplinary team.	
1401428	Critical care nursing (clinical) Prerequisite:Concurrent with (1401425)	3
	This clinical course provides the opportunity for students to develop their clinical expertise in caring with critically ill patients and their families. The clinical training aims to enable the student to work within a multidisciplinary care team in order to provide individualized, humanistic nursing care using the nursing process.	
1402301	Child growth and development Prerequisite:(1401226)	3
	This course prepares nursing students to understand the physical, social, emotional, and intellectual growth and development of children. The course is designed to help students to acquire knowledge and skills essential to provide holistic nursing care for children and their families. Emphasis is on helping students create an environment for children that will promote optimum development. Emphasis will be integrating the growth and developmental stage and theories.	
1402330	Maternity and new born nursing Prerequisite: (1401226), Concurrent with(1401425)	3
	This course is designed to provide the nursing student with the basic knowledge necessary to provide comprehensive, holistic, family-centered nursing care in a variety of health care settings. Its goal is to prepare nursing students to be creative, flexible and open to change, to think critically and problem-solve effectively, to have assessment skill competencies, and to be able to provide holistic care by fostering health promotion through patient teaching.	
1402331	Maternity and new born nursing clinical Prerequisite:Concurrent with (1402330), (1401201)	3
	This course is designed to help nursing student to acquire the necessary skills, competencies, and attitudes to provide holistic nursing care related to childbearing families and infants.	
1402340	Pediatric nursing Prerequisite:(1402301) or concurrent, Concurrent with (1403460)	3
	This course is designed to introduce nursing students to basic knowledge, principles and skill of nursing care of children and their families to course also covers the health needs of the healthy child as well as the sick child , taking in to consideration the growth and development stages , developmental theories and its applications to child health care.	

1402341	Pediatric nursing clinical Prerequisite: Concurrent with (1402340), (1401201)	3
	This course is designed to provide nursing students with the basic skills related to nursing care of healthy as well as sick child and their families. The course takes in to consideration the basic principles of child health nursing and how these principles of child health nursing and how these principles applied to nursing practice.	
1403352	Health education and communication skills Prerequisite:(1401226)or concurrent	3
	This course is designed to introduce nursing students to the Skills of Communication through working as a member of health team & to provide therapeutic Skills & educative Communication of patient & family Taking into consideration social, cultural & spiritual aspect among Patient & its effect on prioritizing human needs & behaviors.	
1403460	Psychiatric and Mental health nursing Prerequisite:(1401226), Concurrent with (1402340)	3
	This course focuses on care of the community as a client. It is aimed to apply what students have learnt in other nursing disciplines and transform their understanding of care from individual-based to family and then community-based. Students will understand health systems organization and identify community health problems including communicable and chronic diseases by performing a community diagnosis. The students will understand how to incorporate family, group and community assessment with the assessment of the individual. The same time, the goal of care is forwarded to the community as a whole. In addition, the course explores the concept and role of primary health care in Jordan.	
1403461	Psychiatric and Mental health nursing clinical Prerequisite: Concurrent with (1403460), (1401201)	3
	This course designed to have the student getting The necessary knowledge & attitude needed in the field of Mental Health .The course also includes How to improve inter personal Communication Skills, How to be a good counselor & How to deal with different cases of psychiatric & Mental illness And How to facilitate the existence of The course Focuses also on how a patient should be ensured through out the therapeutic and professional relationship.	
1403452	Community health nursing Prerequisite:(1402330), (1402340)	3
	This course focuses on care of the community as a client. It is aimed to apply what students have learnt in other nursing disciplines and transform their understanding of care from individual-based to family and then community-based. Students will understand health systems organization and identify community health problems including communicable and chronic diseases by performing a community diagnosis. The students will understand how to incorporate family, group and community assessment	

	with the assessment of the individual. The same time, the goal of care is forwarded to the community as a whole. In addition, the course explores the concept and role of primary health care in Jordan.	
1403456	Community health nursing clinical Prerequisite:Concurrent with (1403452)	3
	This community health practicum course emphasizes the integration of professional nursing roles across multiple health care settings. This course focuses on the application of public health and nursing principles in the care of individuals/families and populations in a variety of community based settings. The target of care will be the whole community as a client. The students will be able to practice community and health assessment, and provide health education, health promotion practices to people in their homes, workplace, nursery, schools, outpatients, health centers and every where they present.	
1403459	Epidemiology and biostatistics Prerequisite: (1401224), or Concurrent,	3
	This course is designed to introduce students of nursing in undergraduate epidemiology and biostatistics. It will help students with a body of knowledge their practice and methods for studying new and existing health problems their interpretation will be discussed. The course will include definition of discussion of study design in epidemiology. Students will be introduced to health. Incidence, prevalence, mortality and morbidity; especially those health data and used in public health practice and health needs assessment. Sampling, causality, cause-effect and association relationships will be included.	
1403463	Nursing: history, trends and issues Prerequisite:(1401226), or concurrent	3
	This course is designed to introduce nursing students to the history of nursing and development of nursing profession in the ancient civilizations significantly in Arabic and Islamic civilization and the development of nursing profession in Jordan and in some Arab countries in the nineteenth and twentieth centuries in addition to contemporary nursing practice including different nursing definitions, the scope of nursing practice, nursing theories, standards of nursing practice and the roles and functions of the professional nurse, furthermore the course also discusses nursing education worldwide and significantly in Jordan. Nursing informatics and nursing organizations especially in Jordan (Jordanian nursing and midwives council and Jordanian nursing council), and their role in development of nursing profession in Jordan are also introduced in this course. Legal and ethical aspects of nursing practice, malpractice and negligence in nursing, ethical codes for nurses in Jordan and worldwide are also discussed.	
1401470	Administration And leadership in nursing Prerequisite:(1404425), (1403460)	3
	This course is designed to provide the theoretical and practical knowledge that will facilitate student development of management skills and enhances their own professional practice. Those with baccalaureate degrees in nursing will be prepared to participate in shared governance and	

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	autonomous work teams that may include members from other professions or occupations. They also are prepared to act as leaders in both resolutions of organizational issues, including assessment of financial and clinical factors, and activities to advance the nursing profession. Their professional accountability goes beyond the individual patients and families to whom they provide nursing services. In order to fulfill these responsibilities they need education in elements of the administrative management of nursing service delivery and financial processes.	
1401471	Administration And leadership in nursing (clinical) Prerequisite:Concurrent with(1401471)	1
	This course focuses on leaderships and management functions in the clinical setting. The didactic portion of the course will build on the concepts of team, delegation and problem solving. Additionally, the course content focuses on quality improvement within the context of changing service delivery models. In clinical, students will work in partnership with preceptors and faculty to apply concepts of leadership and management as well as develop a clinical leadership project.	
1402472	Scientific research in nursing Prerequisite:(1401226)	3
	This course introduces the student to the principles and the process of research in nursing. Different approaches of research will be discussed in order to help the student analyze critique and integrate research findings into practice. Basic statistical procedures will also be discussed	
1401480	Advanced clinical nursing practice Prerequisite:(1401470)or concurrent	4
	This clinical concentrated course is designed to prepare the student to practice nursing beyond the close supervision of the faculty members, in order to move into the field of the profession. The student is an active participant in this clinical course where knowledge and skills gained in previous courses are utilized to work collaboratively with a faculty member and a preceptor (a registered nurse from the clinical setting). The course should be taken in the graduation semester; thereby different areas of clinical specialties are possible settings to undertake this course.	