

ملحق 3 : دليل المواد الدراسية

Modules Catalogue

2026 – 2025

دليل المواد الدراسية

Al-Muthanna University

جامعة المثنى



First Cycle - Bachelor's degree (B.Sc.)- Science in Nursing

المرحلة الأولى - درجة البكالوريوس (بكالوريوس العلوم) - علوم التمريض



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1. Overview

This catalogue is about the courses (modules) given by the program of College of Nursing to gain the Bachelor of nursing sciences degree. The program delivers (43) Modules with (6000) total student workload hours and 240 total ECTS. The module delivery is based on the Bologna Process.

نظرة عامة

يتناول هذا الدليل المواد الدراسية التي يقدمها برنامج كلية التمريض للحصول على درجة بكالوريوس في علوم التمريض. يقدم البرنامج (43) مادة دراسية، مع (6000) إجمالي ساعات حمل الطالب و 240 إجمالي وحدات أوروبية. يعتمد تقديم المواد الدراسية على عملية بولونيا

2. Undergraduate Courses 2025-2026

➤ Module 1

Code	Course/Module Title	ECTS	Semester
NUR1101	Fundamentals of Nursing I	14	1
Class (hr/w)	Lect/Lab./Prac./Tutor(hr/w)	SSWL (hr/sem)	USSWL (hr/ sem)
4	6	150	128
Description			
This course introduces the student to basic nursing concepts, health promotion, and the nursing process, how to provide nursing services to patients Basic human needs and safety in patient care are introduced. The course has a lab component for students to build a foundation of nursing psychomotor skills. It includes Identify cultural and spiritual beliefs to provide patients centered care for with basic health needs .Demonstrate psychomotor skills to safely meet the basic needs of adults. Use the nursing process to provide and document basic patient care. Recognize appropriate communication skills and professional behaviors in interactions with patients and nursing staff members.			

➤ **Module 2**

Code	Course/Module Title	ECTS	Semester
NUR1102	Biochemistry	5	1
Class (hr/w)	Lect/Lab./Prac./Tutor	SSWL (hr/sem)	USSWL (hr/ sem)
3	2	75	50
Description			
<p>This course is designed to introduce students to the fundamental concepts compounds of biochemistry. The students look at both structure and role of abnormal carbohydrates, lipids, amino acids, proteins, and enzymes with diseases. They also acquire the basic skill necessary for general laboratory analysis and operating maintaining, and cleaning laboratory equipment. After successfully completion of the course, the students will be able to Understand the clinical distinguish between carbohydrate, proteins, and lipids, Understand the role of hormones and the metabolic reactions in the body, Realize some important body constituents and their chemical changes in the body, Differentiate the biochemical functions of different human organs in normal and abnormal condition, Understand the human biochemical reactions in normal status and in case of diseases, Use laboratory methods for monitoring biochemical reactions in biological samples.</p>			

➤ **Module 3**

Code	Course/Module Title	ECTS	Semester
NUR1103	Anatomy and Physiology for Nurses I	6	1
Class (hr/w)	Lect/Lab./Prac./Tutor	SSWL (hr/sem)	USSWL (hr/ sem)
3	2	75	75
Description			
<p>Anatomy and physiology are key aspects of nursing fundamentals, providing nurses with a comprehensive understanding of the structure and functions of the human body. This is essential for the work nurses perform: patient assessments, administering medication, controlling infection, monitoring hygiene, and of course, documentation. Both anatomy and physiology help nurses understand the effects of medication and treatment, as well as identify possible side effects or complications using a combined regional and systemic approach to examine the relationships and organization of the major structures within the thorax, abdomen, head/neck, and back/limbs regions of the body. The gross anatomy course uses a systems approach to prepare students to understand relationships among structures that contribute to the functioning of organ systems.</p>			

➤ Module 4

Code	Course/Module Title	ECTS	Semester
NUR1104	Nursing Code of Ethics	2	3
Class (hr/w)	Lect/Lab./Prac./Tutor	SSWL (hr/sem)	USSWL (hr/ sem)
2	0	30	45
Description			
<p>The nursing code of ethics and provisions establish standards that help nurses provide the best quality patient care with compassion, respect, and accountability. They also guide nurses in making ethical decisions in the best interests of their patients. The code of ethics for nurses is an expression of a nurse's understanding of their commitment to patients, the profession, and society. The nursing code of ethics establishes non-negotiable ethical standards for all nursing roles in all settings. The code of ethics for nurses helps guide nurses in daily practice as they navigate the healthcare system. The nursing code of ethics establishes guidelines that stress the importance of nurses participating in continuing education and evidence-based practice. The provisions outlined in the nursing code of ethics outline broad expectations of nurses and requires all nurses to always act in a professional manner.</p>			

➤ Module 5

Code	Course/Module Title	ECTS	Semester
UNI1101	Democracy and Human Rights	2	1
Class (hr/w)	Lect/Lab./Prac./Tutor	SSWL (hr/sem)	USSWL (hr/ sem)
2	0	30	20
<p>تعريف الطالب بحقوق الانسان واهم الحقوق التي نادى بها الاتفاقيات الدولية ومنظمات حقوق الانسان الدولية والاقليمية ، وكذلك اكساب الطالب معلومات عن مفهوم الديمقراطية وتعريفاتها القانونية وتعريف الطالب باهم انواع النظم الديمقراطية اضافة الى ذلك تمكينه من التعرف على بعض نماذج من النظم الديمقراطية في بعض الدول .</p>			

➤ **Module 6**

Code	Course/Module Title	ECTS	Semester
NUR1205	Fundamentals of Nursing II	16	2
Class (hr/w)	Lect/Lab./Prac./Tutor	SSWL (hr/sem)	USSWL (hr/ sem)
4	12	240	160
Description			
<p>The course is a continuation of fundamental 1, the course is designed to provide skills and knowledge that enable students to deliver holistic care to clients and to develop psychomotor skills in the skill-lab to practice in the clinical settings. The student will provide nursing interventions required to help clients who have difficulty in performing the activities for maintaining their health when they are ill in different care settings, such includes : safe administration of medication and providing care to surgical patients, based on the nursing process. The theoretical foundation for basic data collection and nursing skills is presented, and the student is given an opportunity to demonstrate these skills in clinical settings.</p>			

➤ **Module 7**

Code	Course/Module Title	ECTS	Semester
NUR1206	Anatomy and Physiology for Nurses II	6	2
Class (hr/w)	Lect/Lab./Prac./Tutor	SSWL (hr/sem)	USSWL (hr/ sem)
3	2	75	75
Description			
<p>Physiology for Nursing is an integrative course that brings together aspects of cell biology, biochemistry, histology and anatomy to explain the functions of the major human organ systems. The major organ systems that are explored include the skeletal, nervous, muscular, digestive, excretory, cardiovascular, respiratory and reproductive systems. The objective of this course is to give students an introduction to the cellular, physiological, anatomical and biochemical function of the human body. As well as providing students to the nursing students with basic theoretical and laboratory knowledge about different human systems, their locations in the human body, and their functions. It also provides information about the mutual interaction between cells, tissues, and organs of these systems in performing their functions and maintaining the internal environment in a stable condition.</p>			

➤ Module 8

Code	Course/Module Title	ECTS	Semester
NUR1207	Medical Terminology	3	2
Class (hr/w)	Lect/Lab./Prac./Tutor	SSWL (hr/sem)	USSWL (hr/ sem)
2		30	45
Description			
<p>Medical terminology refers to the words and language used specifically in the medical and health fields. The proper definition describes medical terminology as language used to describe anatomical structures, procedures, conditions, processes and treatments in the medical field. Medical terminology helps prevent errors in diagnoses and treatments by ensuring that everyone involved in a patient's care understands the same information, reducing the risk of mistakes. Medical terminology is a specialized type of vocabulary that encompasses words, phrases, and abbreviations specific to the healthcare field. This terminology is critical for nurses' daily responsibilities, including documenting patient information, interpreting medical charts, and administering treatments.</p>			

➤ Module 9

Code	Course/Module Title	ECTS	Semester
UNI1202	Computer Science I	3	2
Class (hr/w)	Lect/Lab./Prac./Tutor	SSWL (hr/sem)	USSWL (hr/ sem)
1	1	30	45
Description			
<p>This course is designed to assist the first year students to acquire basic knowledge, skills in utilizing the computer, and applications of certain programs. At the end of this course the students will be able to:</p> <ul style="list-style-type: none"> ➤ Understand the historical perspectives of computer and its relation to nursing profession ➤ Describe the characteristics & classifications of computer according to size, types & applications ➤ Identify the components of computers related to hard ware & soft ware ➤ Apply Window programs. 			

➤ Module 10

Code	Course/Module Title	ECTS	Semester
UNI1203	Arabic Language I	2	2
Class (hr/w)	Lect/Lab./Prac./Tutor	SSWL (hr/sem)	USSWL (hr/ sem)
1	0	15	35
Description			
<p>بشكل عام، يهدف مقرر اللغة العربية الذي يدرس في الكليات العراقية (وخاصة في الأقسام غير المتخصصة باللغة العربية كالهندسة، الطب، العلوم، وغيرها) إلى تعزيز مهارات الطلاب اللغوية الأساسية، والتأكد من قدرتهم على استخدام اللغة العربية الفصحى بشكل صحيح في الكتابة والقراءة والتعبير. قد يتضمن المقرر دراسة نصوص أدبية مختارة (شعر أو نثر) من عصور مختلفة (جاهلي، إسلامي، عباسي، حديث) بهدف تحليلها واستخلاص القيم الفنية واللغوية منها، وتعزيز الذوق الأدبي. يعتمد التدريس على المحاضرات، المناقشات الصفية، التمارين التطبيقية، والواجبات المنزلية. يشمل التقييم عادةً الامتحانات الفصلية، الاختبارات القصيرة، المشاركة الصفية، والواجبات الكتابية. ويسعى هذا المقرر إلى تزويد الطالب الجامعي بالأدوات اللغوية الضرورية التي تساعده على التعبير بوضوح ودقة في مجال تخصصه وفي حياته اليومية، وتعزيز ارتباطه بلغته الأم.</p>			

➤ Module 11

Code	Course/Module Title	ECTS	Semester
NUR2308	Adult Nursing I	18	3
Class (hr/w)	Lect/Lab./Prac./Tutor	SSWL (hr/sem)	USSWL (hr/ sem)
4	12	240	210
Description			
<p>Adult Nursing is one of the essential subjects that helps students learn knowledge and skills regarding pathophysiology, clinical symptoms, diagnosis, and medical and nursing management of diseases in different systems of the human body. This course focuses on comprehensive delivery of nursing care to adults hospitalized for minor, or major, acute or chronic conditions that are common in Iraq, incorporating theoretical knowledge and clinical skills to providing comprehensive, holistic nursing care through the nursing process. The concepts of pain, loss & grief, and stress will be integrated in learning about a variety of adult medical-surgical problems. These include: respiratory, cardiovascular, musculoskeletal, gastrointestinal, neurological, urinary, endocrine, and ENT selected common problems.</p>			

➤ **Module 12**

Code	Course/Module Title	ECTS	Semester
NUR2309	Pharmacology for Nurses I	2	3
Class (hr/w)	Lect/Lab./Prac./Tutor	SSWL (hr/sem)	USSWL (hr/ sem)
2	0	30	20
Description			
<p>Pharmacology in Nursing: An Overview. The study of pharmacology focuses on the use of drugs and their role in preventing and treating diseases. The effects on the body, such as side effects, drug interactions, and adverse reactions, are all components of pharmacology studies. The course covers the basic pharmacological principles of drug production, import, and export and drug safety. Students learn the basic calculations that are needed by the nurses. The course then covers the pharmacology of various drug classes acting on different body systems such as the autonomic nervous system, and cardiovascular system. The study of pharmacology focuses on the use of drugs and their role in preventing and treating diseases. The effects on the body, such as side effects, drug interactions, and adverse reactions, are all components of pharmacology studies. Nursing requires a thorough understanding of pharmacology as it is integral to the practice.</p>			

 ➤ **Module 13**

Code	Course/Module Title	ECTS	Semester
NUR23010	Microbiology for Nurses I	4	3
Class (hr/w)	Lect/Lab./Prac./Tutor	SSWL (hr/sem)	USSWL (hr/ sem)
2	2	60	40
Description			
<p>This course is designed to encourage students to become aware of the activities of the microbial world in their daily living and at the same time to acquire a scientific approach to infection and control of infection. The following topics make up this course: Introduction to Microbiology, Bacterial Morphology and Physiology, Control of Micro-organisms, infection and Host Resistance, Introduction to Virology, Mycology and Parasitological groups. It defines microbiology as the study of microorganisms and notes some key figures in the field like Antonie van Leeuwenhoek and Louis Pasteur. It describes different types of microorganisms like bacteria, fungi, protozoa, viruses and algae.</p>			

➤ Module 14

Code	Course/Module Title	ECTS	Semester
NUR23011	Health Assessment	4	3
Class (hr/w)	Lect/Lab./Prac./Tutor	SSWL (hr/sem)	USSWL (hr/ sem)
2	2	60	40
Description			
<p>This course is designed to help students learn and apply principles and skills used in the comprehensive health assessment of individuals. History taking and physical examination techniques of all human systems are presented through lectures, seminars, self instruction modules, audio visuals and supervised laboratory practice .A complete nursing health assessment requires a health professional to examine a patient in a systematic fashion, from head to toe. Nurses rely on self-reported symptoms, visual observation, reported health histories, and a physical medical examination to make a health assessment the goal is the systematic collection of information on a patient's health status and health risks. Health assessments have several key characteristics.</p>			

➤ Module 15

Code	Course/Module Title	ECTS	Semester
UNI2304	Baath's Crimes in Iraq	2	3
Class (hr/w)	Lect/Lab./Prac./Tutor	SSWL (hr/sem)	USSWL (hr/sem)
2	0	30	20
Description			
<p>للتعرف والاطلاع على مجموعة من الجرائم التي ارتكبتها حزب البعث البائد والمنحل بحق أبناء الشعب العراقي ومن مختلف المكونات لأطيافه ولتأسيس وعي للطلبة لرفض جميع اشكال الظلم والتسلط لهذه الأنظمة والمطالبة بجميع الحقوق المدنية والسياسية . تمكن الطالب من التعرف على انواع الجرائم التي ترتكب داخل الدولة والتمييز ما بينها وبين الجرائم ضد النسانية من خلال التعرف على صفاتها واسسها والقوانين التي تنطبق عليهم والتعريف قوانين المحكمة الجنائية الدولية ضد النسانية، وقوانين المحكمة الجنائية العراقية العليا عام 2005 الموثقة المنتهكات نظام حزب البعث لإنسانية خلال فترة الحكم.</p>			

➤ **Module 16**

Code	Course/Module Title	ECTS	Semester
NUR24012	Adult Nursing II	19	4
Class (hr/w)	Lect/Lab./Prac./Tutor	SSWL (hr/sem)	USSWL (hr/sem)
4	12	240	235
Description			
<p>The course is a continuation of Adult Nursing I. This course focuses on comprehensive delivery of nursing care to adults hospitalized for minor, or major, acute or chronic conditions that are common in Iraq, incorporating theoretical knowledge and clinical skills to providing comprehensive, holistic nursing care through the nursing process. The concepts of pain, loss & grief, and stress will be integrated in learning about a variety of adult medical-surgical problems. These include: respiratory, cardiovascular, musculoskeletal, gastrointestinal, neurological, urinary, endocrine, and ENT selected common problems. Include hospitals, in the community and in our skills and simulation labs developing valuable hands-on skills. You'll work with patients, cares, clinical mentors and other healthcare professionals. Placement opportunities include medical and surgical wards, oncology, ICU, A&E, coronary care, operating theatres, district nursing, GP practice nursing and integrated community teams.</p>			

 ➤ **Module 17**

Code	Course/Module Title	ECTS	Semester
NUR24013	Pharmacology for Nurses II	2	4
Class (hr/w)	Lect/Lab./Prac./Tutor	SSWL (hr/sem)	USSWL (hr/sem)
2	0	30	20
Description			
<p>The course is a continuation of Pharmacology for Nurses I. The study of pharmacology focuses on the use of drugs and their role in preventing and treating diseases. The effects on the body, such as side effects, drug interactions, and adverse reactions, are all components of pharmacology studies. The course covers the basic pharmacological principles of drug production, import, and export and drug safety. Students learn the basic calculations that are needed by the nurses. The course then covers the pharmacology of various drug classes acting on different body systems such as the autonomic nervous system, and cardiovascular system. The study of pharmacology focuses on the use of drugs and their role in preventing and treating diseases. The effects on the body, such as side effects, drug interactions, and adverse reactions, are all components of pharmacology studies. Nursing requires a thorough understanding of pharmacology as it is integral to the practice.</p>			

➤ **Module 18**

Code	Course/Module Title	ECTS	Semester
NUR24014	Microbiology for Nurses II	4	4
Class (hr/w)	Lect/Lab./Prac./Tutor	SSWL (hr/sem)	USSWL (hr/sem)
2	2	60	40
Description			
<p>The course is a continuation of Microbiology For Nursing I This course is designed to encourage students to become aware of the activities of the microbial world in their daily living and at the same time to acquire a scientific approach to infection and control of infection. The following topics make up this course: Introduction to Microbiology, Bacterial Morphology and Physiology, Control of Microorganisms, infection and Host Resistance, Introduction to Virology, Mycology and Parasitological groups. It defines microbiology as the study of microorganisms and notes some key figures in the field like Antonie van Leeuwenhoek and Louis Pasteur. It describes different types of microorganisms like bacteria, fungi, protozoa, viruses and algae.</p>			

 ➤ **Module 19**

Code	Course/Module Title	ECTS	Semester
UNI2205	Computer Science II	3	4
Class (hr/w)	Lect/Lab./Prac./Tutor	SSWL (hr/sem)	USSWL (hr/sem)
1	1	30	45
Description			
<p>Computer and technology play a crucial role in nursing education, providing numerous benefits for nursing students. They help improve communication efficiency, eliminate misinterpretations of orders, and facilitate the creation, management, and updating of electronic health records . Additionally, technology enhances nursing students' decision-making skills, competencies, and attitudes towards computer use in healthcare . It allows students to access information quickly, interact with peers, and conduct research, contributing to their learning process . Moreover, technology-based communication simulation programs provide students with opportunities to practice communication skills and manage challenging clinical situations . The use of technology in nursing education also promotes the development of critical thinking skills, which are essential for contemporary education . Overall, computer and technology integration in nursing education is vital for preparing future nurses to work in diverse healthcare environments and enhance their overall learning experience.</p>			

➤ Module 20

Code	Course/Module Title	ECTS	Semester
UNI2206	Arabic Language II	2	4
Class (hr/w)	Lect/Lab./Prac./Tutor	SSWL (hr/sem)	USSWL (hr/sem)
1	0	15	35
Description			
<p>بشكل عام، يهدف مقرر اللغة العربية الذي يدرس في الكليات العراقية (وخاصة في الأقسام غير المتخصصة باللغة العربية كالهندسة، الطب، العلوم، وغيرها) إلى تعزيز مهارات الطلاب اللغوية الأساسية، والتأكد من قدرتهم على استخدام اللغة العربية الفصحى بشكل صحيح في الكتابة والقراءة والتعبير. قد يتضمن المقرر دراسة نصوص أدبية مختارة (شعر أو نثر) من عصور مختلفة (جاهلي، إسلامي، عباسي، حديث) بهدف تحليلها واستخلاص القيم الفنية واللغوية منها، وتعزيز الذوق الأدبي. يعتمد التدريس على المحاضرات، المناقشات الصفية، التمارين التطبيقية، والواجبات المنزلية. يشمل التقييم عادةً الامتحانات الفصلية، الاختبارات القصيرة، المشاركة الصفية، والواجبات الكتابية. ويسعى هذا المقرر إلى تزويد الطالب الجامعي بالأدوات اللغوية الضرورية التي تساعد على التعبير بوضوح ودقة في مجال تخصصه وفي حياته اليومية، وتعزيز ارتباطه بلغته الأم.</p>			

➤ Module 21

Code	Course/Module Title	ECTS	Semester
NUR242015	Summer Clinical Training in Adult Nursing	Pass	4
Class (hr/w)	Lect/Lab./Prac./Tutor	SSWL (hr/sem)	USSWL (hr/sem)
0	30		
Description			
<p>The summer training for the students of the College of Nursing . The hospital Nurses will be responsible for training the students and the students will work side by side with the nurses this system ,To provide holistic nursing care through the nursing process. The concepts of pain, loss & grief, and stress will be integrated in learning about a variety of adult medical-surgical problems. These include: respiratory, cardiovascular, musculoskeletal, gastrointestinal, neurological, urinary, endocrine, include medical and surgical wards, oncology, ICU, A&E, coronary care, operating theatres, district nursing, GP practice nursing and integrated community teams .</p>			

➤ Module 22

Code	Course/Module Title	ECTS	Semester
NUR35016	Maternal and Neonate Health Nursing	20	5
Class (hr/w)	Lect/Lab./Prac./Tutor	SSWL (hr/sem)	USSWL (hr/sem)
3	14	255	245
Description			
<p>This course is designed to offer students the opportunity to integrate theories of nursing, family systems, role development, and communications as applied to childbearing families. Nursing process, research, and ethical professional standards are applied to normal and high-risk childbearing families in various settings. Students learn the Management of normal and high-risk conditions in the prenatal, intrapartal, and postpartal periods as the focus of integrating the mother neonate and gynecological conditions of women in different stages of their lives. Maternal-child health focuses on the well-being of women during pregnancy, childbirth and the postpartum period. This area of medicine seeks to improve patient outcomes and decrease the incidence of morbidity and mortality.</p>			

➤ Module 23

Code	Course/Module Title	ECTS	Semester
NUR35017	Research Methods in Nursing	3	5
Class (hr/w)	Lect/Lab./Prac./Tutor	SSWL (hr/sem)	USSWL (hr/sem)
2	1	45	30
Description			
<p>This course is an introduction to the principles and process of research. Qualitative and quantitative methodologies are described. Through the study of this course the student will be able to analyze, critique and utilize the results and scientific studies as a basis of making decision in the practical nursing. Research is an essential part for the growth of any profession in today's world. Nursing research is a systemic inquiry to answer the question or problems encountered in the clinical practice, education and administration . Research studies have great importance in nursing profession because it provide strong evidence that help nurses to make sound clinical decision and judgment in the clinical setting; it helps to give evidence based nursing care to the patient that would be clinically appropriate, cost effective and result in positive outcome of patient.</p>			

➤ **Module 24**

Code	Course/Module Title	ECTS	Semester
NUR35017	Research Methods in Nursing	3	5
Class (hr/w)	Lect/Lab./Prac./Tutor	SSWL (hr/sem)	USSWL (hr/sem)
2	0	30	45
Description			
<p>This course provides students with a conceptual framework of sociology and its applications to different aspects of social life. Emphasis is applied on concepts related to rights/ rules issues and interpersonal relationships among health team and between the nurse and clients to enhance the development of positive attitudes towards nurses, health team and clients. It identifies the health and disease in a social context, explores their reflection on different individuals, groups and communities, and determines the role of community in the health services as well. This course enables students to identify, predict, criticize and respond to the health problems of the society.</p>			

 ➤ **Module 25**

Code	Course/Module Title	ECTS	Semester
NUR35019	Nutrition and Diet Therapy	2	5
Class (hr/w)	Lect/Lab./Prac./Tutor	SSWL (hr/sem)	USSWL (hr/sem)
2	0	30	20
Description			
<p>The course focuses on the fundamental principles of human nutrition and applied nutrition (curative). The importance and role of good nutrition in building the human body is emphasized. The students can offer nutritional care promote healthy nutrition to prevent disease, assist patients to recover from illness and surgery, and teach patients how to optimally manage chronic illness with healthy food choices. Healthy nutrition helps to prevent obesity and chronic diseases, such as diabetes mellitus and cardiovascular disease. By proactively encouraging healthy eating habits, nurses provide the tools for patients to maintain their health, knowing it is easier to stay healthy than to become healthy after disease sets in. When patients are recovering from illness or surgery, nurses use strategies to promote good nutrition even when a patient has a poor appetite or nausea. If a patient develops chronic disease.</p>			

➤ **Module 26**

Code	Course/Module Title	ECTS	Semester
UNI3107	Biostatistics	2	5
Class (hr/w)	Lect/Lab./Prac./Tutor	SSWL (hr/sem)	USSWL (hr/sem)
2	0	30	20
Description			
<p>This course is designed to provide third year students with basic principles of statistical procedures, understanding the ideas, methods used in biostatistician studies and their applications to health, using of statistical data for the study of biological changes in humans, such as functions and diseases, reproduction, growth and death. Biostatistics is the application of statistics to a variety of topics in nursing .At the end of this course the students will be able to demonstrate the statistical methods for collecting date, summarization, tabulation, presentation and analysis. Apply manual calculation for descriptive and inferential tests, Apply certain statistical program as excel or SPSS which are used for data analysis in computer and deal with different data sets such as hospital records.</p>			

 ➤ **Module 27**

Code	Course/Module Title	ECTS	Semester
NUR35020	Summer Training (Maternal and Neonate Health Nursing)	Pass	5
Class (hr/w)	Lect/Lab./Prac./Tutor	SSWL (hr/sem)	USSWL (hr/sem)
Description			
<p>The summer training for the students of the College of Nursing . The hospital Nurses will be responsible for training the students and the students will work side by side with the nurses this system ,To provide holistic nursing care through the nursing process. The concepts of pain, loss & grief, and stress will be integrated in learning about a variety of For children, pregnant women and how to care for newborns problems. These include: respiratory, cardiovascular, Delivery room, operating room, emergency room and premature section, , oncology, ICU, A&E, coronary care, operating theatres.</p>			

➤ Module 28

Code	Course/Module Title	ECTS	Semester
NUR36021	Pediatric Nursing	20	6
Class (hr/w)	Lect/Lab./Prac./Tutor	SSWL (hr/sem)	USSWL (hr/sem)
3	14	255	245
Description			
<p>This course is designed to assist the 3rd year students to acquire the basic knowledge, concepts and understanding of the health problems associated with stages of growth and development (age-related concerns) and provides the opportunity to the students to deal with normal and sick child and adolescent, Principles of person- and family centered care; National Safety and Quality Health Service Standards; the role of the registered nurse caring for infants, codes of conduct and ethics; communication; advocacy; child developmental theories; evidenced-based practice; health assessment and management of common health problems affecting infants, children and adolescents; legal and ethical responsibilities; child safety and mandatory reporting; health promotion, care planning and implementation; nutrition and physical activity; immunization; pathophysiology; pharmacology; safe administration of medicines; mental health; disability.</p>			

➤ Module 29

Code	Course/Module Title	ECTS	Semester
NUR36022	Human Growth and Development	4	6
Class (hr/w)	Lect/Lab./Prac./Tutor	SSWL (hr/sem)	USSWL (hr/sem)
3	0	45	55
Description			
<p>This course will provide the students with basic knowledge related to human growth & development. It deepens their understanding about the human characteristics, needs, & their normal growth and developmental problems during different stages of human life, provides an overview of major concepts, theories, and research related to human development through the lifespan from the prenatal period to the end of life. Significant factors that influence individual functioning are explored. Apply theoretical models and research findings of human development and functioning to health and illness behaviors through the lifespan and within a variety of biological, environmental, social and cultural contexts.</p>			

➤ **Module 30**

Code	Course/Module Title	ECTS	Semester
NUR36023	Pathophysiology for Nurses	4	6
Class (hr/w)	Lect/Lab./Prac./Tutor	SSWL (hr/sem)	USSWL (hr/sem)
3	0	45	55
Description			
<p>Pathophysiology is the study of how a disease, injury, or other condition affects a patient, including both the physical and functional changes that occur. Pathophysiology combines two major discipline pathology and physiology. Pathology is the study of the causes and effects of injuries and diseases. This course is designed to provide nursing students with an understanding of the principles of general path physiology including cellular injuries, immune and inflammatory processes and neoplasia. The course also focuses on some path physiological processes such as pain, fluid and electrolyte imbalance, coagulation disorders, arteriosclerosis and shock. Special emphasis is placed on physiological alterations associated with various pathological conditions and their clinical manifestations</p>			

 ➤ **Module 31**

Code	Course/Module Title	ECTS	Semester
NUR36024	Trends and Issues in Nursing	2	6
Class (hr/w)	Lect/Lab./Prac./Tutor	SSWL (hr/sem)	USSWL (hr/sem)
2	0	30	20
Description			
<p>This course presents concepts underlying professional nursing practice and assists the students in developing their own roles as professional nurses. The content of the course builds on the students' previous knowledge and experiences in nursing. It provides a scholarly perspective to enable students moving from a nursing technical and practical point of view to a professional view. Is an essential element in a baccalaureate nursing program, providing nursing students with the required knowledge, skills, abilities, and attitudes that are required to deliver professional nursing care after graduation. And avoid fear of infection; lack of availability of equipment in the clinical setting; students' lack of preparedness and skills in planning care; and lack of collaboration from clinical staff.</p>			

➤ **Module 32**

Code	Course/Module Title	ECTS	Semester
NUR36025	Summer Training (Pediatric Nursing)	Pass	6
Class (hr/w)	Lect/Lab./Prac./Tutor	SSWL (hr/sem)	USSWL (hr/sem)
0	30		
Description			
<p>The summer training for the students of the College of Nursing . The hospital Nurses will be responsible for training the students and the students will work side by side with the nurses this system ,To provide holistic nursing care through the nursing process. The concepts of pain, loss & grief, and stress will be integrated in learning about a variety of For children, pregnant women and how to care for newborns problems. These include: respiratory, cardiovascular, Delivery room, operating room, emergency room and premature section, , oncology, ICU, A&E, coronary care, operating theatres.</p>			

 ➤ **Module 33**

Code	Course/Module Title	ECTS	Semester
NUR47026	Community Health Nursing	17	7
Class (hr/w)	Lect/Lab./Prac./Tutor	SSWL (hr/sem)	USSWL (hr/sem)
3	12	225	200
Description			
<p>This course is designed to increase the students' level of understanding and orientation toward the family and the community health nursing related issues. Throughout this course, the students can present the family and the community with reasonable nursing care when the nursing process is applied and the students' role as care providers is performed .</p> <p>At the end of this course the students will able to:Define the family, Identify types, characteristics, roles and functions of the family, Deal with issues and approaches of family health care, define community health nursing, identify the philosophy, characteristics, the scope, principles, and objectives of community health nursing, apply standards for community health nursing practice, perform the role and functions of community health nurse, understand the nursing process, epidemiological process, health education process, home visit process, and case management process, deliver community health nursing care in specialized settings, such as schools, rural, correctional, and disaster ones.</p>			

➤ Module 34

Code	Course/Module Title	ECTS	Semester
NUR47027	Nursing Management and Leadership	4	7
Class (hr/w)	Lect/Lab./Prac./Tutor	SSWL (hr/sem)	USSWL (hr/sem)
2	3	75	25
Description			
<p>This course is designed to increase the students' level of understanding and orientation toward the Nursing management are responsible for managing day-to-day operations in nursing departments and supervising department staff. Leaders typically supervise nursing teams and ensure the overall success of the unit or hospital. Nursing leadership and management are healthcare fields that require a high level of knowledge and expertise. Although this quality and others are similar between nursing leadership and nursing management, these two roles differ in several aspects. The variations between a nursing leader and a nurse manager include differences in the responsibilities they take on, the credentials they possess and the tasks they perform.</p>			

➤ Module 35

Code	Course/Module Title	ECTS	Semester
NUR47028	Epidemiology	2	7
Class (hr/w)	Lect/Lab./Prac./Tutor	SSWL (hr/sem)	USSWL (hr/sem)
2	0	30	20
Description			
<p>This course is designed to present the students with an overall introduction to epidemiology. It provides an overview for most related issues to epidemiology, such as causal inferences and measures. The course increases their understanding of the disease, its process and consequences, and the natural history of the disease. It presents an opportunity to view the communicable diseases and their control. The course provides approaches for the application of epidemiological studies. At the end of this course the students will be able to: present the history of epidemiology ,Define the different meanings of epidemiology, Understand the causal inferences and advocacy ,Apply the measures of epidemiology ,Understand the disease process the epidemiological model, infection and life expectancy, Understand the control of communicable diseases strategies, and occupational epidemiology, Realize the definition, types and advantages of incubation period and Understand how to apply the epidemiological studies.</p>			

➤ **Module 36**

Code	Course/Module Title	ECTS	Semester
NUR47029	Health promotion	3	7
Class (hr/w)	Lect/Lab./Prac./Tutor	SSWL (hr/sem)	USSWL (hr/sem)
2	0	30	45
Description			
<p>This course is designed to present the students with concepts and definitions of health and health promotion. It also provide relevant approaches , models, and skills that enable students to accomplish activities concerning injury and diseases prevention as well as promotion of positive healthy life style and behaviors throughout the lifespan. At the end of this course the students will be able to: Identify Concepts, principles and definitions of health and health promotion, Apply approaches to health promotion and diseases prevention , differentiate health promotion from Health Protection, Overview models of health and illness, Discuss health promotion Model, understand levels of measurement of health and health promotion and Perform the nurse's Role in health promotion.</p>			

 ➤ **Module 37**

Code	Course/Module Title	ECTS	Semester
NUR47030	Oncology for Nurses	2	7
Class (hr/w)	Lect/Lab./Prac./Tutor	SSWL (hr/sem)	USSWL (hr/sem)
2	0	30	20
Description			
<p>Oncology is a specialty that focuses on the study of cancer in terms of its causes, development, diagnosis, and treatment. It aims to understand how cancer cells arise and spread within the body, as well as methods of prevention and early detection. This subject is taught to nurses due to their essential role in caring for cancer patients at all stages of the disease. It helps them acquire the necessary knowledge to manage treatments such as chemotherapy and radiotherapy, and to monitor side effects. It also enables them to provide psychological support and health education to patients and their families. Moreover, it contributes to improving nursing competence and enhancing the quality of healthcare provided to oncology patients.</p>			

➤ **Module 38**

Code	Course/Module Title	ECTS	Semester
NUR47031	Research Project I	2	7
Class (hr/w)	Lect/Lab./Prac./Tutor	SSWL (hr/sem)	USSWL (hr/sem)
0	2	30	20
Description			
<p>Research plays a vital role in our lives, from healthcare and education to technology and social policy. It is a process of aimed Student education at finding solutions to problems, expanding knowledge, and advancing our understanding of the world. Research is essential for the progress of society and the development of new ideas, technologies, and innovations. research is critical in the field of healthcare. Medical research plays an essential role in finding cures and treatments for diseases. It helps to identify new drugs, therapies, and medical devices that can improve the quality of life for patients. Research also enables medical professionals to stay up-to-date with the latest advancements and techniques in their fields, ensuring that patients receive the best possible care.</p>			

 ➤ **Module 39**

Code	Course/Module Title	ECTS	Semester
NUR48032	Mental Health and Illness Nursing	17	8
Class (hr/w)	Lect/Lab./Prac./Tutor	SSWL (hr/sem)	USSWL (hr/sem)
3	12	225	200
Description			
<p>This Course provides students with basic Knowledge and understanding of various theories that explain the behaviors of mentally health and ill persons. It also develops clear and specific approaches to various mental problems that lead students to use the nursing process as a framework for effective care with a holistic view of each client (physical, emotional, spiritual, interpersonal, cultural, socioeconomic, and environmental Aspects). At the end of the course the student will be able to: Discuss the trends, foundations, and concepts of mental health nursing, Identify the community based nursing care (mental health promotion and mental illness prevention.), Describe the ethical and legal issues in nursing, Identify the mental health nursing theories, Implement therapeutic communication and interpersonal relationship, Apply the nursing process in providing the nursing care for the client, Identify and assist in providing special treatment modalities, Describe different types of psychiatric disorders and recognize client behaviors and problems.</p>			

➤ **Module 40**

Code	Course/Module Title	ECTS	Semester
NUR48033	Critical Care Nursing	7	8
Class (hr/w)	Lect/Lab./Prac./Tutor	SSWL (hr/sem)	USSWL (hr/sem)
2	6	120	55
Description			
<p>This course introduces general concepts and issues in caring for clients with life threatening illness, and provides the students with opportunity to meet the bio-psycho-social needs of clients in critical illness. It builds upon knowledge gained in previous courses, namely nursing care of Adults. Areas of emphasis include advanced assessment and management of critically ill adult with cardiovascular, respiratory, and renal problems, as well as multisystem trauma. Upon completion of the course, the student shall be able to: Understand the effect of the critical illness on the clients and their families, Describe the impact of the critical care environment on the clients, Discuss current monitoring techniques used in critical care settings, Relate the human responses to critical illness to the underlying path physiology and discuss psychosocial assessment and interventions relevant to critically ill clients and their families.</p>			

 ➤ **Module 41**

Code	Course/Module Title	ECTS	Semester
NUR48034	Health Psychology for Nurses	2	8
Class (hr/w)	Lect/Lab./Prac./Tutor	SSWL (hr/sem)	USSWL (hr/sem)
2	0	30	20
Description			
<p>This course is designed to provide the nursing students with basic knowledge concerning psychological concepts and principles. It presents various theories of human behaviors and personality development in all ages that enable students explain, understand and predict human behaviors during their daily life. At the end of the course the students will be able to: Understand Psychological concepts, Principles and branches, Recognize human motivation and its classification, Recognize emotions and their development, Distinguish between frustration and conflict, Discuss theories of personality development, Identify the cognitive processes, such as thinking, memory, learning, and intelligence, Explain human behaviors on the bases of psychological concepts and principles, Appreciate human action and reaction in the daily life, Apply Psychological principles and theories in the practical daily life.</p>			

➤ Module 42

Code	Course/Module Title	ECTS	Semester
NUR48035	Elective *	2	8
Class (hr/w)	Lect/Lab./Prac./Tutor	SSWL (hr/sem)	USSWL (hr/sem)
2	0	30	20
Description			

➤ Module 43

Code	Course/Module Title	ECTS	Semester
NUR48036	Research Project II	2	8
Class (hr/w)	Lect/Lab./Prac./Tutor	SSWL (hr/sem)	USSWL (hr/sem)
0	2	30	20
Description			
<p>Research plays a vital role in our lives, from healthcare and education to technology and social policy. It is a process of aimed Student education at finding solutions to problems, expanding knowledge, and advancing our understanding of the world .Research is essential for the progress of society and the development of new ideas, technologies, and innovations. research is critical in the field of healthcare. Medical research plays an essential role in finding cures and treatments for diseases. It helps to identify new drugs, therapies, and medical devices that can improve the quality of life for patients. Research also enables medical professionals to stay up-to-date with the latest advancements and techniques in their fields, ensuring that patients receive the best possible care.</p>			