

الملحق (3) دليل المواد الدراسية

University of Mosul



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



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1. Overview

The Bachelor of Science in Nursing (B.Sc. N.) program at the College of Nursing, University of Mosul, is a four-year, full-time undergraduate program delivered in accordance with the Bologna Process and consisting of 240 ECTS credits. The program is designed to provide students with comprehensive theoretical and practical knowledge and to develop the professional, clinical, scientific, and communication skills required for contemporary nursing practice.

2. Undergraduate Courses 2025-2026

Module 1

Code	Course/ Module Title	ECTS	Semester
NUR11001	Fundamentals of Nursing	16	1
Class(hr/w)	Lect/Lab./Prac./Tutor	SSWL (hr/sem)	USWL (hr/w)
4	6	212	188
Description			
The Fundamentals of Nursing (1) course aims to provide first-year nursing students with the basic knowledge and skills required to practice nursing safely and effectively. It covers the fundamental concepts of nursing care and patient needs, as well as the principles of personal hygiene, patient care, and a healthy environment. The course also includes infection prevention and control, sterilization, body mechanics, patient movement, and vital signs and their measurement and documentation. It addresses the principles of medication administration, wound care, elimination problems, intravenous fluids, and blood components. In addition, the course emphasizes the nursing process, therapeutic communication, and documentation, contributing to the development of critical thinking, clinical skills, and professional ethics.			

Code	Course/ Module Title	ECTS	Semester
BIO11002	Biochemistry	5	1
Class(hr/w)	Lect/Lab./Prac./T	SSWL (hr/sem)	USWL (hr/w)



	utor		
3	2	92	33
Description			
The Biochemistry course aims to provide nursing students with basic knowledge of biochemistry and its applications in medical and nursing sciences. It covers the basic chemical components of the human body, particularly carbohydrates, lipids, proteins, and amino acids, as well as the metabolic processes associated with them. The course also includes the study of the Krebs cycle, protein metabolism, blood proteins, and enzymes, including their classification and functions. It addresses selected biochemical tests and laboratory investigations related to health conditions, including general urine examination. The course also explains the relationship between metabolic disturbances and certain diseases, such as renal failure, thereby enhancing students' ability to relate biochemical principles to pathological changes.			

Code	Course/ Module Title	ECTS	Semester
NUR11003	Anatomy for Nurses (1)	4	1
Class(hr/w)	Lect/Lab./Prac./T utor	SSWL (hr/sem)	USWL (hr/w)
3	2	92	8
Description			
The Anatomy for Nurses (1) course aims to introduce nursing students to the anatomical structure of the human body and provide them with a scientific foundation for understanding subsequent medical and nursing sciences. It covers anatomical and medical terminology used to describe body parts, their locations, and their relationships. The course focuses on the skeletal system, bones, and joints, as well as the digestive and respiratory systems. It also includes the study of the cardiovascular system, blood vessels, urinary system, and the male and female reproductive systems. In addition, the course addresses the endocrine glands and their major components, with a connection between anatomical knowledge and relevant pathological conditions. The course contributes to developing students' ability to identify the anatomical structures of body systems and apply this knowledge in nursing practice.			

Code	Course/ Module Title	ECTS	Semester
NUR11004	Nursing Code of Ethics	2	1
Class(hr/w)	Lect/Lab./Prac./T utor	SSWL (hr/sem)	USWL (hr/w)
2	0	34	16



Description			
The Nursing Code of Ethics course aims to enhance students' understanding of the ethical principles and values governing nursing practice and to promote professional and humanitarian commitment in the delivery of healthcare. It covers the fundamental principles of ethics, including autonomy, justice, beneficence, and non-maleficence, as well as the laws and regulations governing nursing practice and patients' rights. The course focuses on the ethical responsibilities of nurses toward patients, their families, the profession, the community, and the healthcare team. It addresses patients' rights, privacy, informed consent, and contemporary ethical issues in healthcare. It also develops skills in ethical decision-making and dealing with professional conflicts and ethical issues, while promoting values of empathy, compassion, respect, and professional responsibility.			

Code	Course/ Module Title	ECTS	Semester
QU 04	Computer Science(1)	3	1
Class(hr/w)	Lect/Lab./Prac./Tutor	SSWL (hr/sem)	USWL (hr/w)
2	1	62	13

Description			
The Computer Science (1) course aims to provide nursing students with basic knowledge and skills related to computers and information technology and their applications in academic and professional fields. It introduces the computer and its basic components, with emphasis on distinguishing between hardware and software. The course also covers types of computer memory, software concepts, and operating systems, with a focus on working with the Windows operating system environment. It addresses the concept of computer viruses and the importance of safe handling of computer systems and data. The course emphasizes practical training in computer use and operating systems, contributing to the development of students' digital skills required for academic study and nursing practice.			

Code	Course/ Module Title	ECTS	Semester
NUR12001	Fundamentals of Nursing(2)	19	2
Class(hr/w)	Lect/Lab./Prac./Tutor	SSWL (hr/sem)	USWL (hr/w)
4	12	257	218

Description			
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Fundamentals of Nursing (2) is one of the essential courses that prepares first-year nursing students to move from theoretical knowledge to practical nursing practice. The course focuses on developing students' skills in providing safe, effective, and systematic nursing care based on scientific principles. It covers a range of basic nursing procedures and skills required to meet patients' physical and health needs. The course also enhances students' abilities in observation, assessment, and performing nursing procedures correctly. It helps students develop the practical and clinical competencies required for providing quality patient care. Furthermore, the course establishes an important foundation for advanced nursing courses and clinical practice in the following stages.

Code	Course/ Module Title	ECTS	Semester
NUR12002	Physiology for Nurses (2)	5	2
Class(hr/w)	Lect/Lab./Prac./Tutor	SSWL (hr/sem)	USWL (hr/w)
3	2	92	33

Description

Physiology for Nurses (2) aims to introduce students to the normal functions of the human body and the mechanisms through which its systems operate. The course explains how the different body systems perform their functions and maintain the internal balance necessary for life. It covers the functions of major systems, including the nervous, cardiovascular, respiratory, digestive, urinary, and reproductive systems. The course helps students connect physiological knowledge with normal health conditions and clinical observations encountered during nursing care. Physiology is considered an essential supporting science for nursing and clinical courses in the later stages of study. It provides students with a scientific foundation for understanding physiological changes, disease processes, and patients' responses to treatment and nursing care.

Code	Course/ Module Title	ECTS	Semester
NUR12003	Medical Terminology	2	2
Class(hr/w)	Lect/Lab./Prac./Tutor	SSWL (hr/sem)	USWL (hr/w)
2	0	34	16

Description

Medical Terminology introduces students to the specialized language and vocabulary used in medical and nursing fields. The course focuses on



understanding terms related to body structures, diseases, diagnostic procedures, treatments, and healthcare practices. Students learn how to analyze medical terms by identifying their roots, prefixes, suffixes, and combining forms. The course improves students' ability to read and understand medical records, reports, textbooks, and other healthcare resources accurately. It provides a common language that facilitates effective communication among healthcare professionals. In addition, the course gives nursing students an important linguistic foundation that supports their understanding of nursing and clinical subjects throughout their academic and professional careers.

Code	Course/ Module Title	ECTS	Semester
QU06	Arabic Language (1)	2	2
Class(hr/w)	Lect/Lab./Prac./Tutor	SSWL (hr/sem)	USWL (hr/w)
2	0	34	16
Description			
Arabic Language (1) aims to develop students' ability to use the Arabic language correctly and effectively in academic and professional environments. The course focuses on improving reading, writing, and communication skills, with particular attention to basic grammatical and spelling rules. It helps students express and organize their ideas clearly, accurately, and appropriately. The course also contributes to developing effective communication skills that nursing students need in their academic studies and interactions with patients and the community. In addition, it improves students' ability to write assignments, reports, and academic papers using clear and correct language. Therefore, the course supports the academic and communication skills required by nursing students.			

Code	Course/ Module Title	ECTS	Semester
QU 02	Democracy and Human Rights	2	2
Class(hr/w)	Lect/Lab./Prac./Tutor	SSWL (hr/sem)	USWL (hr/w)
2	0	34	16
Description			
Democracy and Human Rights aims to increase students' awareness of the fundamental principles of democracy, human rights, and individual freedoms. The course introduces the concepts of human rights and their importance,			



including equality, justice, freedom, and respect for human dignity. It also familiarizes students with the rights and responsibilities of individuals toward society and the state. The course promotes values such as tolerance, dialogue, respect for diversity, and rejection of discrimination and violence. In nursing practice, these principles are particularly important because nurses must respect patients' rights, dignity, privacy, and personal choices. The course therefore contributes to preparing nursing students to provide ethical, respectful, and human-centered healthcare.

List all first-year courses

3. Contact



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يرجى قراءة رمز ال QR Code للحصول على النسخة الالكترونية للملحق

