

Ministry of Higher Education and Scientific Research
Scientific Supervision and Scientific Evaluation Apparatus
Directorate of Quality Assurance and Academic Accreditation
Department



Tikrit university

College of nursing

Academic Program and Course Description



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Academic program description

University Name: Tikrit University

Faculty/Institute: College of Nursing

Scientific Department: fundamental of nursing science branch

Academic or Professional Program Name: Bachelor in Nursing Sciences

Final Certificate Name: Bachelor in Nursing Sciences

Academic System: Semesters

Description Preparation Date: 28/10/2025

File Completion Date: 28/10/2025

Signature:

Head of Department Name: assistant

prof. Shadman Tariq Sadiq

Date: 30/10/2025

Signature:

Scientific Associate Name: Lecturer Dr.

Mahmood Hassan mahmood

Date: 30/10/2025



The file is checked by:

Department of Quality Assurance and University Performance

Director of the Quality Assurance and University Performance Department:

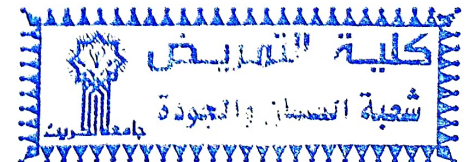
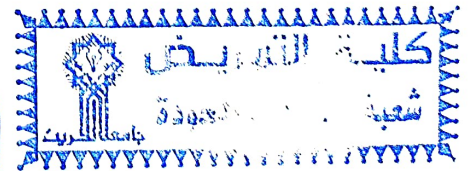
Ayat Munaf Hameed:

Date: 30/10/2025

Signature:

Approved by the dean:

Date: 30 / 10 / 2025



1. Program Vision

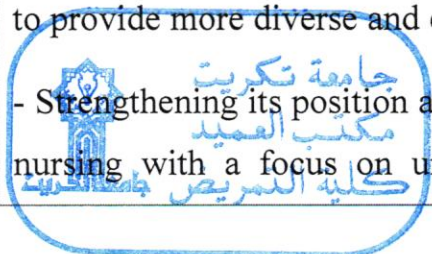
Tikrit University is a leading educational institution that aims to provide distinguished educational and research programs in the field of nursing. It is also to become a global leader in nursing education and scientific research at the College of Nursing at Tikrit University, and to promote innovation and excellence in health care, and contribute to shaping the future of health care at global and local levels.

2. Program Mission

The College of Nursing at Tikrit University is committed to providing advanced and comprehensive nursing education that focuses on developing students' practical and theoretical skills and enhancing ethical and professional values. It aims to prepare highly qualified graduates capable of effectively contributing to improve the quality of health care and confronting global and local health challenges through innovative educational programs, strategic partnerships and applied research

3. Program Objectives

- Launching master's and doctoral programs in nursing with a focus on innovation and scientific research to meet the growing need for specialized nursing leadership.
- Expanding the scope of partnerships with global and local healthcare institutions to provide more diverse and enriching practical training opportunities for students.
- Strengthening its position as a leading center for scientific research in the field of nursing with a focus on urgent health issues such as disease prevention and



healthcare technology.

- Integrating modern technology into all aspects of the educational process to prepare graduates capable of working efficiently in the rapidly changing health care environment.

- Increase community awareness and engagement through health education programs and participation in public health initiatives.

- Improving the health care system at the local and global levels.

4. Program Accreditation

Non

5. Other external influences

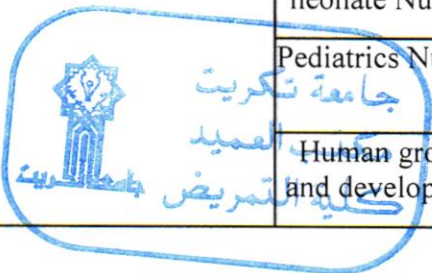
Non

6 Program Structure

Program Structure	Number of Courses	Credit hours	Percentage	Reviews•
Institution Requirements	Arabic Language	2		Mandatory
	English Language	2		Mandatory
	Computer	1		Mandatory
	Democracy	2		Mandatory
	Human Rights	2		Mandatory
College Requirements	Nursing Fundamentals 1	6		Mandatory



	Medical Terminology	2		Mandatory
	Anatomy	4		Mandatory
	Medical Microbiology 1	3		Mandatory
	Biochemistry	4		Mandatory
	Nursing Fundamentals 2	7		Mandatory
	Physiology for Nurses	3		Mandatory
	Nursing Ethics	2		Mandatory
	Adult Nursing 1	6		Mandatory
	Medical Microbiology 2	3		Mandatory
	Pharmacology for Nurses 1	3		Mandatory
	Health Assessment	3		Mandatory
	Adult Nursing 1	6		Mandatory
	Pharmacology for Nurses 2	2		Mandatory
	Pathophysiology for Nurses	3		Mandatory
	Maternal and neonate Nursing	8		Mandatory
	Pediatrics Nursing	8		Mandatory
	Human growth and development	4		Mandatory



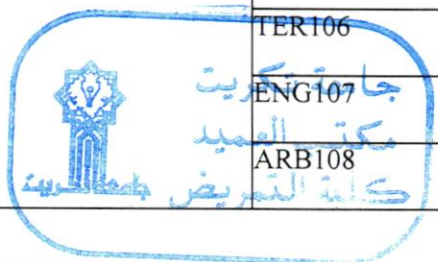
	Nutrition and Diet Therapy	2		Mandatory
	Health Sociology	6		Mandatory
	Biostatics	2		Mandatory
	Research Methodology	2		Mandatory
	Health Promotion	2		Mandatory
	Community Health Nursing	6		Mandatory
	Psychiatrics and Mental Health Nursing	6		Mandatory
	Nursing Management and Leadership	3		Mandatory
	Professional Perspectives and Issues in Nursing	2		Mandatory
	Epidemiology	2		Mandatory
	Critical Care Nursing	6		Mandatory
	Graduation Research Project	2		Mandatory



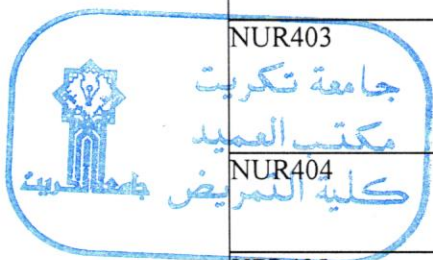
Department Requirements				
Summer Training	Second Stage	First week: Training in Cardiology Unit		Mandatory
		Second week: Training in Urology Unit		Mandatory
		Third week: Training in General Surgery Unit		Mandatory
		Fourth week: Training in Trauma Unit		Mandatory
	Third Stage	First week: Training in Premature Unit		Mandatory
		Second week: Training in Pediatrics Surgery Unit		Mandatory
		Third week: Training in Gynecology Unit		Mandatory
Other				

This can include notes whether the course is basic or optional.

7. Program Description				
Year/Level	Course Code	Course Name	Credit Hours	
			theoretical	practical
First	NUR101	FUNDAMENTALS OF NURSING 1	4	6
	ETH102	NURSING ETHICS	2	-
	ENG103	ENGLISH LANGUAGE 1	2	-
	DEM104	DEMOCRACY	2	-
	NUR105	FUNDAMENTALS OF NURSING 2	4	12
	TER106	MEDICAL TERMINOLOGY	2	-
	ENG107	ENGLISH LANGUAGE 2	2	-
	ARB108	ARABIC LANGUAGE 1	2	-



SECOND	NUR201	ADULT NURSING 1	4	12
	HAS202	HEALTH ASSESMENT	2	2
	PHR203	PHARMACOLOGY FOR NURSES 1	2	-
		CRIMES OF BAATH REGIME IN IRAQ	2	-
	NUR205	ADULT NURSING 2	4	12
	PHR206	PHARMACOLOGY FOR NURSES 2	2	-
	ARB207	ARABIC LANGUAGE 2	2	-
	NUR	SUMMER TRAINING		30 DAYS
THIRD	NUR301	MATERNAL AND NEONATE NURSING	3	12+2
	RSM302	RESEARCH METHODOLOGY	2	-
	HOS303	HEALTH SOCIOLOGY	2	-
	HUM304	HUMAN RIGHTS	1	-
	NUT305	NUTRITION AND DIET THERAPY	2	-
	NUR306	PEDIATRICS NURSING	3	12+2
	BST307	BIOSTATICS	2	-
	PHR308	HUMAN GROWTH AND DEVELOPMENT	3	6
	DEM309	DEMOCRACY	1	-
	ENG310	ENGLISH LANGUAGE 3	1	2
FOURTH	NUR401	COMMUNITY HEALTH NURSING	3	12
	NUR402	NURSING MANAGEMENT AND LEADERSHIP	2	3
	NUR403	PROFESSIONAL PERSPECTIVES AND ISSUES IN NURSING	2	-
	NUR404	GRADUATION RESEARCH PROJECT	-	3
	HPR405	HEALTH PROMOTION	2	-
	EPID406	EPIDMIOLOGY	2	-
	ARB407	ARABIC	1	-



		LANGUAGE1		
	NUR408	PSYCHIATRICS AND MENTAL HEALTH NURSING	3	12
	NUR409	CRITICAL CARE NURSING	2	12
	NUR410	HEALTH PSYCHOLOGY FOR NURSES	2	-
	NUR411	GRADUATION RESEARCH PROJECT	-	3
	ARB412	ARABIC LANGUAGE 2	1	-
	ENG413	ENGLISH LANGUAGE 4	1	2

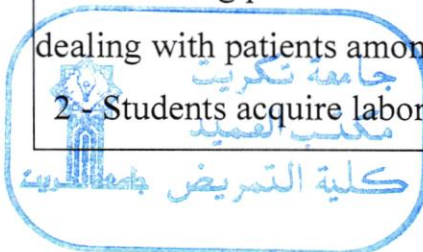
8. Expected learning outcomes of the program

Knowledge

1- The student's ability to understand, remember, and present information	- Giving lectures
2- Providing basic theoretical and practical information related to clinical medical sciences	- Uploading lectures on the college website
3- Enabling students to obtain knowledge through modern software applications	- Educational movies
4- Developing the linguistic aspect through familiarity with the most important medical terminology and proficiency in the English language.	- Projectors and digital cameras
	- Using educational models
	- Training courses and workshops
	- Applied clinical education
	- Student groups

Skills

1 - Promoting professional ethics and dealing with patients among graduates	- Developing teaching curricula in coordination with the Committee of Deans of Nursing Faculties in Iraq
2 - Students acquire laboratory	



diagnostic skills and knowledge of some important analyzes in the field of nursing 3 - Promoting the principle of continuous, lifelong learning in order to continue developing the profession.	- Developing teaching curricula by the college that are similar to the work environment - Training students with experiences that simulate reality - Holding discussion groups to focus on self-development and time management skills
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Ethics

Review the constitution and codes of conduct for the nursing profession

Knowledge of the most important legal matters in practicing the profession

9. Teaching and Learning Strategies

Teaching and learning strategies and methods adopted in the implementation of the program in general.

10. Evaluation methods

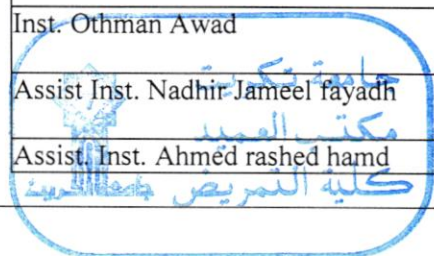
- Theoretical exams
- Laboratory practical experiments
- Daily exams
- Reports and seminars
- Final exams



11. Faculty

Faculty Members

Academic Rank	Specialization		Special Requirement s/Skills (if applicable)		Number of the teaching staff	
	General	Special			Staff	Lecturer
Prof. Abduljabbar Jamil Mahdi	Medicine	Anatomy	Non		*	
Assist. Prof. Shadman tariq	Biology	microbiology			*	
Assist. Prof. Methaq Bayat Abid	History				*	
Inst. Dr. Huda Dhamin Abduljabbar	Biology	Microbiology			*	
Assist. Inst. Bilal Amir	Administration and Economics				*	
Assist. Inst. Ghufran Ayad Ahmed	Biology	Microbiology			*	
Assist. Inst. Ayat Manaf Hameed	Biology	Environment and Pollution			*	
Assist. Inst. Mahmoud Hassan Mahmoud	Biology	Biotechnology			*	
Assist. Inst. Abdullah Mousa Kadhim	Biology	Microbiology			*	
Assist. Inst. Haitham Mijbil	Chemistry	Biochemistry			*	
Assist. Inst. Reemi Marwan Mohammed	Chemistry	Biochemistry			*	
Assist. Inst. Duha waleed	pharmacology	pharmacology			*	
Assist. Prof. Marwa Sami Hussein	English Language	Linguistics			*	
Assist. Inst. Mothana hilal	biology	Microbiology			*	
Assist. Inst. Hassan Ali Mutlak	Arabic Language				*	
Assist Inst. Hakam Mohammed Muslih	Arabic Language				*	
Assist. Lecturer. Samah diaa	Psychology	General			*	
Inst. Othman Awad	Administration and Economics	Accounting			*	
Assist Inst. Nadhir Jameel fayadh	Administration and Economics				*	
Assist. Inst. Ahmed rashed hamd		Agriculture			*	



Agriculture					
Assist Inst. Alaa Mohamed hassan	Politics				*
Assist Inst. Noor mokhlis hamid	Biology	Tissues			*
Assist. Inst. Nashwan nassir natah	Administration and Economics	Administration and Economics			*
Assist. Inst. Amjad Issa	Law	Law			*
Inst. Dr. Furat latif	Biology	Parasite			*
Assist Inst. Saif mohammed fanar		Veterinary medicine	anatomy		*
Inst dr. noor talal ali	Biology	Parasitology			*
Assist Inst. Hanan ayob yass					*

Professional Development

Mentoring new faculty members

Briefly describes the process used to mentor new, visiting, full—time, and part—time faculty at

the institution and department level.

Professional development of faculty members

Conduct workshops and future plans to develop the academic and professional aspects of faculty members and develop their professional capabilities by keeping pace with the development plans in modern institutions, and then evaluate the results of education as to whether modern methods are effective or not, and if they are not effective, they must be replaced or developed.



12. Acceptance Criterion

- Central Admissions (Ministry of Higher Education and Scientific Research) for Morning Studies.
- Distinguished personals channel Admissions.
- Two – year Institution Graduates Admissions.

13. The most important sources of information about the program

- Methodical books.
- Scientific Iraqi, Arabic and International Journals.
- Internet resources.

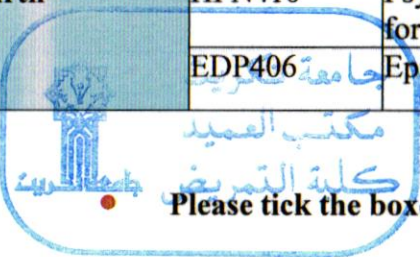
14. Program Development Plan

- Working to give the student confidence that he is able to contribute effectively to the development of his community
- Enables students to develop teamwork skills
- Enables students for continuous self-development beyond graduation
- Using advanced educational methods.
- Follow up on the latest developments in the field of nursing training.
- Working in educational groups, which contributes to the exchange of ideas and visions.



Program Skills Outline

				Required program Learning outcomes											
Year/Level	Course Code	Course Name	Basic or optional	Knowledge				Skills				Ethics			
				A1	A2	A3	A4	B1	B2	B3	B4	C1	C2	C3	C4
First	Ant104	Anatomy	Basic	*	*			*	*	*		*	*	*	
	PHY108	Physiology	BASIC	*	*	*		*	*	*		*	*	*	
	CHEM102	Biochemistry	BASIC	*	*	*		*	*	*		*	*	*	*
	TER110	Medical Terminology	Basic	*				*				*			
	ENG103	English Language	Basic	*	*	*		*	*			*	*	*	
Second	MBN204	Microbiology	Basic	*	*	*	*	*	*	*		*	*	*	
	PHR202	Pharmacology	Basic	*	*	*	*	*	*	*	*		*	*	*
	ARB112	Arabic Language	Basic												
Third	NUT305	Nutrition	Basic	*	*	*	*	*	*	*		*	*	*	
	RSM302	Research Methodology	Basic	*	*	*	*	*	*	*		*	*	*	
	BST307	Biostatistics	Basic	*								*			
	DEM309	Democracy	Basic	*	*	*									
Fourth	HPN410	Psychology for nurses	Basic	*	*			*	*			*	*		
	EDP406	Epidemiology	Basic	*	*	*	*		*		*	*	*	*	*



Please tick the boxes corresponding to the individual program learning outcomes under evaluation.

Course Name:	
Pharmacology 1 st semester	
Course Code:	
PHR202	
Semester /	
Year: Second year	
Description Preparation Date:	
10-8-2025	
Available Attendance Forms:	
Theory , Lecture, Tutorial, seminar	
Number of Credit Hours (Total) / Number of Units (Total)	
2 weekly	
Course administrator's name (mention all, if more than one name)	
Name: Dhuha Waleed Salih Email: dhuha.salih23@tu.edu.iq	
Course Objectives	
Course Objectives	<ol style="list-style-type: none"> 1. Learn the types of medications that treat diseases in the human body. 2. Knowing the important methods of administering medicine according to their relationship to clinical diseases and Understand the disease 3. Identify a possible drug target. 4. Find a main drug candidate 5. Stability of the drug, its quality assurance, and safety and efficacy. 6. Knowing the benefits, harms, and warnings when using each medicine, the side effects, and their external and internal signs, and benefiting from them in treating patients and emergency cases.. 7. Discuss the Mode of medication action in the human body 8. Learn the types of medications and their classification according to the drug effect and methods of administering the medication. 9. Determine the timing and places of taking medications that affect the functioning of important organs in the human body, such as the respiratory system, the circulatory system, and the nervous system. 10. Determine the course and method of taking medications and their effect on vital organs according to the doses given

4. Teaching and Learning Strategies					
Strategy	Student participation in the educational process and enabling him to acquire communication skills.				
5. Course Structure					
Week	Hours	Required Learning Outcomes	Unit or subject name	Learning method	Evaluation method
1		Sources, appearances, chemical properties, biological Effe mechanisms of action, therape uses, and limitations.	Introduction to Pharmacology	Lecture, discussion, problem solving, Seminar.	daily exam and performance evaluation
2		Methods of administering t dose and determining the dose according the place and timing of the d	Pharmacokineti cs and Pharmacodyna mics in Clinical Practice	Lecture, discussion, problem solving, seminar.	daily exam and performance evaluation
3		How the huma body deal with different medication an methods of eliminations a Human Biological bod reaction	Rout of drugs administrations	Lecture, discussion, problem solving seminar,.	daily exam and performance evaluation
4		Normal physiological nervous system and neurotransmitte that affected human body and how can the sympathetic and	Sympathomim etics and parasympatho mimetic system	Lecture, discussio n, problem solving, seminar.	daily exam and performance evaluation

		parasympathetic nervous system Affected human body diseases			
5		Medication that interact with the sympathetic and parasympathetic systems and how can used in treating human diseases	Types of neurotransmitters and their receptors types	Lecture, discussion, problem solving seminar..	daily exam and performance evaluation
6		How the sympathomimetic and parasympathomimetic neurotransmitters and receptors affected vital human sign and their usage in disease treatment	Sympathetic and parasympathetic medications	Lecture, discussion, problem solving, seminar.	daily exam and performance evaluation
7		Normal physiology of blood pressure control and how can treat hypertension in patients with or without medication according to the patients state	Anti-Hypotensive and anti-hypertensive medications.	Lecture, discussion, problem solving, seminar.	daily exam and performance evaluation
8		Physiology of the cardiac output and peripheral	Treatment of heart failure	Lecture, discussion, problem solving	daily exam and performance evaluation

		blood vessels resistant control in normal human and in heart failure patients with methods of medication or non-medication treatment		Seminar,.	
9		Physiology normal cardiac rhythm and abnormality of cardiac rhythm (arrhythmia) and how can treat it with medications or with invasive or noninvasive maneuvers.	Treatment of arrhythmia	Lecture, discussion, problem solving, seminar.	daily exam and performance evaluation
10		Causes and types of human shock how can managed and treat each patients according to the type of shock	Treatment of shock	Lecture, discussion, problem solving, seminar.	daily exam and performance evaluation
11		Introduction to the antibiotics and historical	antibiotics	Lecture, discussion, problem solving	daily exam and performance evaluation

		discovery and methods of antibiotics preparation for wide human usage		seminar,.	
12		Antibiotic according to the methods of their actions, disease implications and mode of administrations with side effect, precautions, contraindications and their alternatives.	Antibiotics act on the cell wall.	Lecture, discussion, problem solving, seminar.	daily exam and performance evaluate
13		Antibiotic according to the methods of their actions, disease implications and mode of administrations with side effect, precautions, contraindications and their alternatives.	Antibiotics act on the protein synthesis. Antibiotics act on the DNA synthesis and other types	Lecture, discussion, problem solving, seminar.	daily exam and performance evaluate
14		Antibiotic according to the methods of their actions, disease implications and mode of administrations with side effect precautions, contraindications	Treatment of tuberculosis	Lecture, discussion, problem solving, seminar.	daily exam and performance evaluate

		and their alternatives.			
15		End-of-course exam	Final exam		
11. Course Evaluation					
Distributing the score out of 100 according to the tasks assigned to the student such as daily preparation, daily oral, monthly, or written exams, reports..... etc					
12. Learning and Teaching Resources					
Textbooks of clinical pharmacology		Nursing Pharmacology Chippewa Valley Technical College, Eau Claire, WI Copyright Year: 2020 ISBN 13: 9781734914115 Publisher: WI Technical Colleges Open Press Language: English Mosby's 2025 Nursing Drug Reference, 38th Edition			
Main references (sources)		Nursing Pharmacology			
Recommended books and references (scientific journals, reports...)		MCN The American Journal of Maternal Child Nursing Open Access journal Journal of the American Pharmacists Association : JAPhA			
Electronic References, Websites		https://www.scimagojr.com/journalrank.php?category=20			

1. Course Name:	
Pharmacology 2 nd semester	
2. Course Code:	
PHR209	
Semester /	
Year: second year	
Description Preparation Date:	
10-8-2025	
Available Attendance Forms:	
Theory , Lecture, Tutorial, seminar	
Number of Credit Hours (Total) / Number of Units (Total)	
2 weekly	
Course administrator's name (mention all, if more than one name)	
Name: Dhuha Waleed Salih Email: dhuha.salih23@tu.edu.iq	
Course Objectives	
Course Objectives	<ol style="list-style-type: none"> 11. Learn the types of medications that treat diseases in the human body. 12. Knowing the important methods of administering medicine according to their relationship to clinical diseases and understand the disease 13. Identify a possible drug target. 14. Find a main drug candidate 15. Stability of the drug, its quality assurance, and safety and efficacy. 16. Knowing the benefits, harms, and warnings when using each medicine, the side effects, and their external and internal signs, and benefiting from them in treating patients and emergency cases. 17. Discuss the Mode of medication action in the human body 18. Learn the types of medications and their classification according to the drug effect and methods of administering the medication. 19. Determine the timing and places of taking medications that affect the functioning of important organs in the human body, such as the respiratory system, the circulatory system, and the nervous system. 20. Determine the course and method of taking medications and their effect on vital organs according to the doses given
Teaching and Learning Strategies	
Strategy	Student participation in the educational process and enabling him to acquire communication skills.

Course Structure					
Week	Hours	Required Learning Outcomes	Unit or subject name	Learning method	Evaluation method
1		Sources, appearances, chemical properties, biologic Effects, mechanisms of action therapeutic uses, and limitations.	Introduction to Pharmacology	Lecture, discussion, problem solving, Seminar.	daily exam and performance evaluation
2		Methods of administering the dose and determining the dose according to the place and timing of the dose	Pharmacokinetics and Pharmacodynamic in Clinical Practice	Lecture, discussion, problem solving, seminar.	daily exam and performance evaluation
3		How the human body deal with different medication a method of eliminations an Human Biological body Reaction	Rout of drugs administration s	Lecture, discussion, problem solving seminar.	daily exam and performance evaluation
4		Normal physiological nervous system and neurotransmitters that affected human body an how can the sympathetic and parasympathetic nervous system Affected human body disease	Sympathomimetic and parasympathomimetic system	Lecture, discussion, problem solving, seminar.	daily exam and performance evaluation
5		Medication that interact with the sympathetic and parasympathetic systems and how can used in treating human diseases	Types of neurotransmitters and their receptors types	Lecture, discussion, problem solving seminar.,.	daily exam and performance evaluation
6		How the sympathomimetic parasympathomimetic neurotransmitters and receptor affected vital human sign an their usage in disease treatment.	Sympathetic and parasympathetic medications	Lecture, discussion, problem solving, seminar.	daily exam and performance evaluation
7		Normal physiology of blood pressure control and how c treat hypo or hyper tension patients with or without medication according to the patients state	Anti- Hypotensive and anti-hypertensive medications.	Lecture, discussion, problem solving, seminar.	daily exam and performance evaluation
8		Physiology of the cardiac output and peripheral blood vessels resistant control in normal human	Treatment of heart failure	Lecture, discussion, problem solving	daily exam and performance evaluation

		and in heart failure patients with methods of medication or non-medication treatment		Seminar,.	
9		Physiology normal cardiac rhythm and abnormality of cardiac rhythm (arrhythmia) and how can treat it with medications or with invasive or noninvasive maneuvers.	Treatment of arrhythmia	Lecture, discussion, problem solving, seminar.	daily exam and performance evaluation
10		Causes and types of human shock how can managed and treat each patients according to the type of shock	Treatment of shock	Lecture, discussion, problem solving, Seminar.	daily exam and performance evaluation
11		Introduction to the antibiotics and historical discovery and methods of antibiotics preparation for wide human usage	antibiotics	Lecture, discussion, problem solving Seminar,.	daily exam and performance evaluation
12		Antibiotic according to the methods of their actions, disease implications and mo of administrations with side effect, precautions, contraindications and their alternatives.	Antibiotics act on the cell wall.	Lecture, discussion, problem solving, seminar.	daily exam and performance evaluation
13		Antibiotic according to the methods of their actions, disease implications and mode of administrations with side effect, precautions, contraindications and their alternatives.	Antibiotics act on the protein synthesis. Antibiotics act on the DNA synthesis and other types	Lecture, discussion, problem solving, Seminar.	daily exam and performance evaluation
14		Antibiotic according to the methods of their actions, disease implications and mo of administrations with side effect, precautions, contraindications and their alternatives.	Treatment of tuberculosis	Lecture, discussion, problem solving, Seminar.	daily exam and performance evaluation

15		End-of-course exam	Final exam		
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11. Course Evaluation

Distributing the score out of 100 according to the tasks assigned to the student such as daily preparation, daily oral, monthly, or written exams, reports etc

12. Learning and Teaching Resources

Textbooks of clinical pharmacology	<p>Nursing Pharmacology Chippewa Valley Technical College, Eau Claire, WI Copyright Year: 2020 ISBN 13: 9781734914115 Publisher: WI Technical Colleges Open Press Language: English</p> <p>Mosby's 2025 Nursing Drug Reference, 38th Edition</p>
Main references (sources)	Nursing Pharmacology
Recommended books and references (scientific journals, reports...)	MCN The American Journal of Maternal Child Nursing Open Access journal Journal of the American Pharmacists Association : JAPhA
Electronic References, Websites	https://www.scimagojr.com/journalrank.php?category=70

Course form Description

1-Course Name:	
Microbiology for nurses	
2- Course code	
MBN206	
3-Semester/Year	
Semester	
4- Description preparation Date	
10/12/2025	
5- Available Attendance Date:	
Lectures and laboratories	
6-Number of Credit Hours (Total) / Number of Units (Total)	
Hours/ 3 units	
7-Course administrator's name (mention all, if more than one name)	
Name and Email: Lecturer Dr. Mahmood Hasan mahmood.h.m90@tu.edu.iq Assistant lecturer: Ayat Munaf Hameed / ayat.munaf.h@tu.edu.iq 	
8- Course objectives	
Course objectives	<ul style="list-style-type: none">-Introduction to microbiology-Teaching the student practical and theoretical skills in microbiology and parasitology-Identify the types of organisms directly related

				to human health -Identify the types of laboratory equipment for microbiology	
9- Teaching and learning strategies					
	Strategy			-Brainstorming strategy -Group work or cooperative learning strategy	
10- Course structures					
Week	Hours	Required learning outcomes	Unit or subject name	Learning method	Evaluation method
1	3 hour	Introduction and the historical development of microbiology.	General microbiology	Lectures, handouts, discussions, & homework's. Google Classroom shall be used for online discussion	Homework Reports and assignments Attendance Daily, monthly and final exams
2	3 hour	The classification of microorganisms Nutritional requirements of bacteria	Types of microorganisms	Lectures, handouts, discussions, & homework's. Google Classroom shall be used for online discussion	Homework Reports and assignments Attendance Daily, monthly and final exams
3	3 hour	Bacterial Morphology (Anatomy & Physiology of bacteria)	Bacterial anatomy	Lectures, handouts, discussions, &	Homework Reports and assignments Attendance

				homework' s. Google Classroom shall be used for online discussion	Daily, monthly and final exams
4	3 hour	Microbial control	Sterilization and Disinfection	Lectures, handouts, discussions , & homework' s. Google Classroom shall be used for online discussion	Homework Reports and assignments Attendance Daily, monthly and final exams
5	3 hour	Gram positive bacteria (cocci bacteria)	Genus: <i>Streptococcus</i> Genus: <i>Staphylococcus</i>	Lectures, handouts, discussions , & homework' s. Google Classroom shall be used for online discussion	Homework Reports and assignments Attendance Daily, monthly and final exams
6	3 hour	Gram negative bacteria (cocci bacteria)	Genus: <i>Neisseria meningitidis</i> Genus: <i>Neisseria gonorrhoeae</i>	Lectures, handouts, discussions , & homework' s. Google Classroom shall be	Homework Reports and assignments Attendance Daily, monthly and final

				used for online discussion	exams
7	3 hour	Gram positive bacteria (bacilli bacteria)	Genus: <i>Bacillus</i> Genus: <i>Clostridium</i>	Lectures, handouts, discussions, & homework's. Google Classroom shall be used for online discussion	Homework Reports and assignments Attendance Daily, monthly and final exams
8	3 hours	Mid-term Exam.	Mid-term Exam.	MCQ	10/20
9	3 hours	Irregular gram positive bacteria	Genus: <i>Corynebacterium</i> Genus: <i>Listeria</i> Genus: <i>Mycobacterium</i>	Lectures, handouts, discussions, & homework's. Google Classroom shall be used for online discussion	Homework Reports and assignments Attendance Daily, monthly and final exams
10	3 hours	Gram negative bacilli	Enterobacteriaceae	Lectures, handouts, discussions, & homework's. Google Classroom shall be used for	Homework Reports and assignments Attendance Daily, monthly and final exams

				online discussion	
11	3 hours	Other gram negative bacteria	Other gram negative bacteria	Lectures, handouts, discussions, & homework's. Google Classroom shall be used for online discussion	Homework Reports and assignments Attendance Daily, monthly and final exams
12	3 hours	Immunity and immune system	Immunity and immune system	Lectures, handouts, discussions, & homework's. Google Classroom shall be used for online discussion	Homework Reports and assignments Attendance Daily, monthly and final exams
13	3 hours	Immune response	Antigens and Antibodies	Lectures, handouts, discussions, & homework's. Google Classroom shall be used for online discussion	Homework Reports and assignments Attendance Daily, monthly and final exams

14	3 hours	Hypersensitivity	Hypersensitivity	Lectures, handouts, discussions, & homework's. Google Classroom shall be used for online discussion	Homework Reports and assignments Attendance Daily, monthly and final exams
15	3 hours	Final exam	Final exam	40 theoretical 20 practical	Total 60

11- Course Evolution

Distribution of the grade out of 100 according to the tasks assigned to the student, such as daily preparation, daily, oral, monthly, written exams, reports, etc

12- Learning and teaching Resources

Required textbooks	Practical and theoretical microbiology book Research Gate by D.Ameer Kh
Main References	1. Jawetz, Melnick and Adelberg. 2016. Medical Microbiology 27th ed. Lange 2- KANTI GOR. 2008. MCQs IN MICROBIOLOGY. New age international publishers. 3- W. Levinson. 2008. Review of Medical Microbiology and immunology. 10th ed . Lange

	4- Harvey, Richard A.; Champe, Pamela C.; Fisher, Bruce D. 2017. Lippincott's Illustrated Reviews: Microbiology, 2nd Edition. Lippincott Williams & Wilkins.
Recommended books and references	Scientific journals, periodicals and research in the field
Electronic references websites	Internet sites (Google and Google Scholar) and social media in the field

Course Description crimes of the Ba'ath regime in Iraq

1. Course Name:
Crimes of the Ba'ath regime in Iraq
2. Course Code:
BAA3105
3. Semester / Year:
First semester / Third stage
4. Description Preparation Date:
15/11/2025
5. Available Attendance Forms:
Attendance
6. Number of Credit Hours (Total) / Number of Units (Total)
30 total hours / 2 hours per week / 2 units
7. Course administrator's name (mention all, if more than one name)
Name: Asst. Lecturer Amjad Issa Khuder amjedeisaa@Gmail.com
8. Course Objectives
<p>To enable students to learn about the numerous crimes committed by the dissolved Ba'ath regime against the various components and segments of the Iraqi people, thereby fostering awareness among students to reject all forms of injustice and tyranny perpetrated by such dictatorial regimes and to demand all the civil and political rights guaranteed by the constitution.</p> <ul style="list-style-type: none"> • To familiarize students with the content of local and international laws that guarantee human rights and freedom of expression, as well as to raise their level of legal literacy so they can reject any form of violations within their country and abroad. • To introduce students to the laws of the International Criminal Court and the laws of the Iraqi High Criminal Court of 2005, which document the violations of human

rights committed by the defunct Ba'ath regime during its rule.

9. Teaching and Learning Strategies

Strategy • Giving lectures, using discussion and dialogue methods, brainstorming, rapid tests

10. Course Structure

Week	Hours	Required Learning	Unit or subject name	Learning method	Evaluation
		Outcomes			method
First	1 Hour	Informing students about the crimes of the Ba'ath regime	Crimes of the Ba'ath regime according to the law of the Iraqi High Criminal Court	Giving lectures	Questions and Answers
Second	1 Hour	Distinguishing between the concept and categories of crimes	The concept and categories of crimes	Giving lectures	Questions and Answers
third	1 Hour	Explanation of terminology and language	Definition of crime, linguistically and technically	Giving lectures	Questions and Answers
Forth	1 Hour	Identifying the categories of crimes	Crime Departments	Giving lectures	Questions and Answers
Fifth	1 Hour	Identifying the types of international crimes	Types of international crimes	Giving lectures	Questions and Answers
Six	1 Hour	Understanding the decisions issued by the Criminal Court	Decisions issued by the Criminal Court	Giving lectures	Questions and Answers
Seven	1 Hour	Identifying psychological and social crimes and the most prominent violations of the Ba'ath Party	Psychological and social crimes and the most prominent violations of the Ba'ath Party	Giving lectures	Questions and Answers
Eight	First semester exam				
nine	1 Hour	Identifying social crimes	social crimes	Giving lectures	Questions and Answers
Ten	1 Hour	Clarifying the concept of the militarization of society	militarization of society	Giving lectures	Questions and Answers
Eleven	1 Hour	Understanding the Ba'ath Party's opinion on religion	The Ba'ath Party's opinion on religion	Giving lectures	Questions and Answers
Twelve	1 Hour	Identifying violations of	Violation of Iraqi	Giving lectures	Questions and

		Iraqi laws	laws		Answers
Thirteenth	Second semester exam				
fourteenth	1 Hour	Identifying images of human rights violations. Identifying some decisions related to political violations.	Images of human rights violations. Some decisions regarding political violations.	Giving lectures	Questions and Answers
Fifteenth	1 Hour	Identifying the environmental crimes of the Ba'ath regime Identifying war pollution	Environmental crimes of the Ba'ath regime: War pollution	Giving lectures	Questions and Answers
Course Evaluation					
The grade out of 100 is distributed according to the tasks assigned to the student, such as attendance, daily preparation, daily, oral and monthly exams, and the final exam for the semester.					
Learning and teaching resources					
Required textbooks (methodology, if applicable)			Crimes of the Ba'ath regime in Iraq		
Main references (sources):			Archives of the Political Prisoners Foundation		

Course Description Form

1. Course Name:					
English Language					
2. Course Code:					
First Semester: ENG 103, Second Semester: ENG 109					
3. Semester / Year:					
Semester					
4. Description Preparation Date:					
1-11-2025					
5. Available Attendance Forms:					
Students attending in person					
6. Number of Credit Hours (Total) / Number of Units (Total)					
30 hours for the two semesters. / 2 Units for the two semesters (1 for each semester)					
7. Course administrator's name (mention all, if more than one name)					
Name: Asst. Prof. Marwa Sami Hussein Email: Marwa.sami@tu.edu.iq					
8. Course Objectives					
Course Objectives			<input type="checkbox"/> To learn how to read and write English. <input type="checkbox"/> To learn medical terms in English. <input type="checkbox"/> To be able to communicate with doctors.		
9. Teaching and Learning Strategies					
Strategy	1-Attract the students' attention to connect what they learn with reality. 2-Brain storming 3-Notes				
10. Course Structure					
First Semester					
Week	Hours	Required Learning Outcomes	Unit or Subject Name	Learning Method	Evaluation Method

1-2	۲	-Nursing in the UK. -The nursing profession -Profile of a student nurse -Present simple vs. present continuous	The hospital team	Reading and explaining	Questions, discussion And exercises
3-4	۲	-Directions -The Porter's Office -Wheelchairs -Prepositions of place and movement	In and around the hospital	Reading and explaining	Questions, discussion And exercises
5-6	۲	-A patient record -Bad handwriting -Patient Summary -Past simple vs. Past continuous	Hospital Admissions	Reading and explaining	Questions, discussion And exercises
7	۱	First semester exam (first month)			
8-9	۲	-Instructions -A surprise passenger -Emergency help line -Information poster -First Aid	-Accidents and Emergencies	Reading and explaining	Questions, discussion And exercises
10-11	۲	-Pain chart and pain relief -Pain report -Making comparisons -Describing Pain	-Pain	Reading and explaining	Questions, discussion And exercises

12-13	۲	-helpline nurse -night coughing -mystery syndromes -Question forms	Symptoms	Reading and explaining	Questions, discussion And exercises
14	۱	First semester exam (second month)			
15	۱	Review			
		Final Exam for the First Semester			
Mid-Year Holiday					
Second Semester					
Week	Hours	Required Learning Outcomes	Unit or Subject Name	Learning Method	Evaluation Method

1-2	۲	-The effect of aging -Alzheimer's disease -A care home assessing a patient -old age and the brain -will	Caring for Elderly	Reading and explaining	Questions, discussion And exercises
3-4	۲	-Vitamins and minerals -A diabetic patient -should/ should not	Nutrition and Obesity	Reading and explaining	Questions, discussion And exercises
5-6	۲	-The heart -blood types -blood pattern analysis -Zero and first conditional	Blood	Reading and explaining	Questions, discussion And exercises
7	۱	Second Semester Exam (First Month)			
8	۱	Selective Paragraphs from Reading Bank			
9	۱	-The body after death -report of a death -preparing the body for relatives -death certificate -expressing possibility	Death and Dying	Reading and explaining	Questions, discussion And exercises

10	\	-a hygiene report -a hygiene inspection -notice -talking about obligation	-Hygiene	Reading and explaining	Questions, discussion And exercises
11	\	-mental health nurse -famous people suffer from mental illness -Schizophrenia -present perfect	-Mental health Nursing	Reading and explaining	Questions, discussion And exercises
12	\	-taking readings -a coma patient -vital signs -The passive	Monitoring the patient	Reading and explaining	Questions, discussion And exercises
13	\	-Dosages -Drugs which have changed history -patient medication -be going to vs present continuous for future	Medication	Reading and explaining	Questions, discussion And exercises
14	\	Second Semester Exam (Second Month)			
15	\	-Mind and Body therapies -medicinal plants -wild treatment -two healers -giving reasons -types of therapy	Alternative treatment	Reading and explaining	Questions, discussion And exercises

Final Exam for the Second Semester

11. Course Evaluation

Distributing the score out of 100 according to the tasks assigned to the student such as daily preparation, daily oral, monthly, or written exams, reports..... etc

30 marks for monthly exams and daily participation/ 70 marks for final exam

12. Learning and Teaching Resources

Required Textbooks (Curricular books, if any)	<i>Nursing 1</i> By: Tony Grice
Main references (sources)	<i>Nursing Today</i> By: Janice Rider Ellis, Celia Love Hartley <i>The Student Nurse Handbook</i> By: Bethann Siviter
Recommended books and references (scientific journals, reports...)	Journals of Colleges of Nursing
Electronic References, Websites	https://www.practicalclinicalskills.com/

Course Description Form

Adult nursing (2)

The College of Nursing, University of Tikrit, in its adult program seeks excellence in providing a comprehensive approach to preparing the professional nurse in the practice, education and research related to adult nursing and providing comprehensive family-centered care for adults.

1. Course Name:

Adult nursing 2

2. Course Code:

NUR201

3. Semester / Year:

Semester

4. Description Preparation Date:

9/2/2026

5. Available Attendance Forms:

In-person Presence and online .

6. Number of Credit Hours (Total) / Number of Units (Total)

- 4 hours for the theoretical.
- 6 hours for practical training

7. Course administrator's name (mention all, if more than one name)

Name: Dr. Sameer Allawi Khalaf

Email: sameer111@tu.edu.iq

8. Course Objectives

1. Ensure excellent academic performance and overall development of students in practical and theoretical aspects towards adult patient care.
2. Motivate students to be self-motivated with the attributes of critical thinking, judgment and leadership abilities in the practical aspect
3. Apply innovative teaching strategies with high technology that enhances the learning outcomes of students.

4. Participate in preparing students who possess skills within appropriate ethical boundaries.

9. Teaching and Learning Strategies

Strategy The educational strategy is planning the collaborative concept.
Brainstorming educational strategy.
Education strategy: a series of notes.

10. Course Structure

Week	Hours	Required Learning Outcomes	Unit or subject name	Learning method	Evaluation method
The First.	4Theory 12 Practical	The student should be able to understand the physiology of the nervous system and the most important laboratory and diagnostic tests.	Introduction to Adult Nursing and Nervous System Anatomy	Delivering the lecture using audio-visual aids.	Daily or weekly Exam
Second	4 Theory 12 Practical	Learn how high intracranial pressure, meningitis, and brain tumors occur.	Nervous system disease	Delivering the lecture using audio-visual aids.	Daily or weekly Exam
Third	4 Theory 12 Practical	Identify brain abscess and how to provide comprehensive nursing care	Nervous system disease	Delivering the lecture using audio-visual aids.	Daily or weekly Exam
Fourth	4 Theory 12 Practical			Delivering the lecture using audio-visual aids.	Daily or weekly Exam
Fifth	4 Theory 12 Practical	Learn about the anatomy, physiology and pathophysiology of the renal system and the most important diagnostic methods for diseases of the urinary or renal system.	Renal system	Delivering the lecture using audio-visual aids.	Daily or weekly Exam
Sixth	First Midterm Exam				

Seventh	4 Theory 12 Practical	Understanding Kidney Failure, Its Stages, Urinary Tract Infections, and Kidney Stones	Renal system	Delivering the lecture using audio-visual aids.	Daily or weekly Exam
Eighth	4 Theory 12 Practical	How does end-stage renal failure occur, how dialysis works, and explaining the role of the nurse in dialysis	Renal system	Delivering the lecture using audio-visual aids.	Daily or weekly Exam
Ninth	4 Theory 12 Practical	Understanding the anatomy and physiology of the skeletal system and the most important diagnostic methods for diseases related to this system	Anatomy and physiology of the skeletal system	Delivering the lecture using audio-visual aids.	Daily or weekly Exam
Tenth	4 Theory 12 Practical	Understanding how joint diseases, fractures and joint replacement occur	Skeletal system disease	Delivering the lecture using audio-visual aids.	Daily or weekly Exam
Eleventh	4 Theory 12 Practical	Learn about the anatomy of the heart and how the valves work.	Cardiac system	Delivering the lecture using audio-visual aids.	Daily or weekly Exam
Second Teen	Second Midterm Exam				
Thirteen	4 Theory 12 Practical	Identifying diseases of the semilunar and aortic valves, their signs and symptoms, and how to deal with them from a nursing perspective.	Valvular disease	Delivering the lecture using audio-visual aids.	Daily or weekly Exam
Fourteen	4 Theory 12 Practical	Knowing the diseases of the tonsils, throat and sinuses	ENT	Delivering the lecture using audio-visual aids.	Daily or weekly Exam
Fifteen	4 Theory 12 Practical	Learn about the anatomy of the eye, how cataracts and high eye pressure occur, and	Ophthalmic disease	Delivering the lecture	Daily or weekly Exam

	how to deal with them from a nursing perspective.		using audio-visual aids.	
11. Course Evaluation				
The distribution is as follows: 20 points for the midterm theoretical exam and student activities, 20 points for the midterm practical exam, 20 points for the final practical exam, and 40 points for the final theoretical exam.				
12. Learning and Teaching Resources				
Required textbooks (curricular books any)	Hinkle, J., Cheever, K., and Overbaugh, K. (2022). Brunner and Suddarths, Textbook of medical surgical nursing. 15TH EDITION. Welter's Kluwer, Lippincott Williams and Wilkins. China.			
Main references (sources)				
Recommended books and references (scientific journals, reports...)	Hinkle, J., Cheever, K., and Overbaugh, K. (2022). Brunner and Suddarths, Textbook of medical surgical nursing. 15TH EDITION. Welter's Kluwer, Lippincott Williams and Wilkins. China.			
Electronic References, Websites	https://scholar.google.com/			

Course Description Form

Adult nursing (1)

The College of Nursing, University of Tikrit, in its adult program seeks excellence in providing a comprehensive approach to preparing the professional nurse in the practice, education and research related to adult nursing and providing comprehensive family-centered care for adults.

1. Course Name:

Adult nursing 1

2. Course Code:

NUR201

3. Semester / Year:

Semester

4. Description Preparation Date:

9/2/2026

5. Available Attendance Forms:

In-person Presence and online .

6. Number of Credit Hours (Total) / Number of Units (Total)

- 4 hours for the theoretical.
- 12 hours for practical training

7. Course administrator's name (mention all, if more than one name)

Name: Dr. Sameer Allawi Khalaf

Email: sameer111@tu.edu.iq

8. Course Objectives

1. Ensure excellent academic performance and overall development of students in practical and theoretical aspects towards adult patient care.
2. Motivate students to be self-motivated with the attributes of critical thinking, judgment and leadership abilities in the practical aspect
3. Apply innovative teaching strategies with high technology that enhances the learning outcomes of students.

4. Participate in preparing students who possess skills within appropriate ethical boundaries.

9. Teaching and Learning Strategies

Strategy	The educational strategy is planning the collaborative concept. Brainstorming educational strategy. Education strategy: a series of notes.
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10. Course Structure

Week	Hours	Required Learning Outcomes	Unit or subject name	Learning method	Evaluation method
The First.	4Theory 12 Practical	The student should be able to understand what adult nursing is, how the adult team is formed in the hospital, and what the approved nursing process consists of in providing nursing care.	Introduction to Adult Nursing and the Nursing Process	Delivering the lecture using audio-visual aids.	Daily or weekly Exam
Second	4 Theory 12 Practical	Learn how cancer occurs by identifying the composition of cancer cells, then the signs and symptoms resulting from the tumor, and how to provide appropriate treatment for cancer patients.	Cancerous tumors and how they occur	Delivering the lecture using audio-visual aids.	Daily or weekly Exam
Third	4 Theory 12 Practical	How to provide appropriate treatment for cancer patients and how to deal with chemotherapy and radiation	Care of cancer patients	Delivering the lecture using audio-visual aids.	Daily or weekly Exam
Fourth	4 Theory 12 Practical			Delivering the lecture using audio-visual aids.	Daily or weekly Exam
Fifth	4 Theory 12 Practical	Learn about the anatomy, physiology and pathophysiology of the digestive system and the most important diagnostic methods for digestive system diseases.	Digestive system	Delivering the lecture using audio-visual aids.	Daily or weekly Exam

Sixth	First Midterm Exam				
Seventh	4 Theory 12 Practical	Understand the anatomy of the cardiovascular system and how to use diagnostic methods.	Cardiovascular system	Delivering the lecture using audio-visual aids.	Daily or weekly Exam
Eighth	4 Theory 12 Practical	How do myocardial infarction, angina, and heart failure occur and how to deal with them	Cardiovascular system	Delivering the lecture using audio-visual aids.	Daily or weekly Exam
Ninth	4 Theory 12 Practical	Understanding the anatomy and physiology of the respiratory system and the most important diagnostic methods for respiratory diseases	Anatomy and physiology of the respiratory system	Delivering the lecture using audio-visual aids.	Daily or weekly Exam
Tenth	4 Theory 12 Practical	Understand how pneumonia, asthma and bronchitis occur, recognize the signs and symptoms, and how to treat and manage them through nursing care.	Respiratory system disease	Delivering the lecture using audio-visual aids.	Daily or weekly Exam
Eleventh	4 Theory 12 Practical	Learn about the endocrine system and the most important diagnostic methods	Anatomy and physiology of endocrine system	Delivering the lecture using audio-visual aids.	Daily or weekly Exam
Second Teen	Second Midterm Exam				
Thirteen	4 Theory 12 Practical	Learn about diabetes, its signs and symptoms, and how to deal with it from a nursing perspective.	Diabetes mellitus	Delivering the lecture using audio-visual aids.	Daily or weekly Exam
Fourteen	4 Theory 12 Practical	Knowing the thyroid and parathyroid glands anatomically, identifying the diseases that affect them, their signs and symptoms, how to intervene	Thyroid and parathyroid gland disease	Delivering the lecture using audio-visual aids.	Daily or weekly Exam

		with them, and providing nursing care			
Fifteen	4 Theory 12 Practical	Learn about the composition and components of blood, the most important diagnostic methods for blood diseases, their signs and symptoms, and how to provide nursing care to patients.	Blood diseases	Delivering the lecture using audio-visual aids.	Daily or weekly Exam

11. Course Evaluation

The distribution is as follows: 20 points for the midterm theoretical exam and student activities, 20 points for the midterm practical exam, 20 points for the final practical exam, and 40 points for the final theoretical exam.

12. Learning and Teaching Resources

Required textbooks (curricular books any)	Hinkle, J., Cheever, K., and Overbaugh, K. (2022). Brunner and Suddarths, Textbook of medical surgical nursing. 15TH EDITION. Welter's Kluwer, Lippincott Williams and Wilkins. China.
Main references (sources)	
Recommended books and references (scientific journals, reports...)	Hinkle, J., Cheever, K., and Overbaugh, K. (2022). Brunner and Suddarths, Textbook of medical surgical nursing. 15TH EDITION. Welter's Kluwer, Lippincott Williams and Wilkins. China.
Electronic References, Websites	https://scholar.google.com/

Course Description Form

1. Course Name:					
Microbiology for nurses					
2. Course Code:					
MIC2203					
3. Semester / Year:					
Second semester/sophomore					
4. Description Preparation Date:					
9/11/2025					
5. Available Attendance Forms:					
Attendance only					
6. Number of Credit Hours (Total) / Number of Units (Total)					
Thirty hours per class /fous hours a week (2 hours of theory)					
7. Course administrator's name (mention all, if more than one name)					
Name: Assistant professor Ranyia Shaker Mahmood Email: Dr.ranyia.sh@tu.edu.iq					
8. Course Objectives					
Course Objectives			Introduction to microbiology Teaching the student practical and theoretical ski microbiology and parasitology • Identify the types of organisms directly related to human health		
9. Teaching and Learning Strategies					
Strategy		Brainstorming strategy, group discussion, presentations, laboratory work			
10. Course Structure					
Week	Hours	Required Learning Outcomes	Unit or subject name	Learning method	Evaluation method
1	2	Learn some medical terms in parasitology, types of parasites, types of hosts, the relationship between parasites and hosts.	Introduction to Parasitology	Lectures -Writing on the board -Electronic whiteboard	Short tests Monthly exams Reports Final exams

2	2	<p>some epidemiological terms, classification of protozoa, and general characteristics of protozoa.</p> <p>Learn about the parasites Entamoeba histolytica, Balantidium coli, Giardia lamblia, Trichomonas hominis, T. tenax, and T. vaginalis, the parasite's life cycle, symptoms, diagnosis, control, and treatment.</p>	<p>Introduction to protozoa</p>	<p>-Slides -Practical training hospital</p> <p>Lectures -Writing on the board -Electronic whiteboard -Slides -Practical training hospital</p>	<p>Short tests Monthly exams Reports Final exams</p>
3	2	<p>Identify blood and tissue parasites, including Leishmania spp. and Trypanosoma, and flagellate blood parasites, including African trypanosoma and American trypanosoma. The parasite's life cycle, symptoms, diagnosis, control, and treatment methods are also covered.</p>	<p>blood and tissue flagellates</p>	<p>=</p>	<p>=</p>
4		<p>Learn about the general characteristics of parasites (complexes), including malaria, its types, and toxoplasmosis (cat disease). The parasite's life cycle, symptoms, and methods for diagnosis, control, and treatment are also covered.</p>	<p>Apicomplexa</p>	<p>=</p>	<p>=</p>
5	2	<p>Learn about the general characteristics of worms and their classification into the phylum</p>	<p>platyhelminthes</p>	<p>=</p>	<p>=</p>

		<p>Platyhelminthes, which includes Taenia saginata, Taenia solium, Hymenolepis nana, and Echinococcus granulosus. Learn about the parasite's life cycle, symptoms, diagnosis, control, and treatment methods.</p>			
6	2	<p>Learn about the general characteristics of flukes, including liver flukes, as well as blood flukes, their types, the parasite's life cycle, symptoms, methods of diagnosis, control, and treatment of the parasite.</p>			
7	2	<p>Learn about the general characteristics of nematodes, including Ascaris, hookworms, threadworms, and Trichorus trichora. The parasite's life cycle, symptoms, diagnosis, control, and treatment methods are also covered.</p>			
8	2	<p>Identify viruses, general characteristics of viruses, classification of their types, viral reproduction, effect of viruses on cells, resistance of viruses to infection, and common methods of viral infection in humans.</p>	Type virus	=	=
9	2	<p>Learn about measles, AIDS, and influenza viruses, the general characteristics of these</p>			

		viruses, their symptoms, transmission methods, and prevention methods.			
10	2	Learn about the types of viral hepatitis virus and coronavirus, their types and general characteristics, methods of transmission, and methods of prevention.			
11	2	Learn about the general characteristics of mumps and rubella, their symptoms, methods of transmission, and prevention of the virus.			
12	2	Learn about rotavirus and poliovirus, the symptoms of these viruses, methods of transmission, and prevention of these viruses.			
13	2	Learn about the general characteristics of genital herpes virus and cytomegalovirus, the symptoms of each virus, methods of transmission, and methods of prevention			

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11. Course Evaluation

Distributing the score out of 100 according to the tasks assigned to the student such as daily preparation, daily oral, monthly, or written exams, report

12. Learning and Teaching Resources

Required textbooks (curricular books, if any)	Prescott,Harley & Kleins Microbiology
Main references (sources)	Tortora ,funke & Case Microbiology :An intrudiction
Recommended books and references (scientific journals, reports...)	Asm Microbiology resources American society For microbiology
Electronic References, Websites	http://ocw.mit.edu/search/ocw_search.htm?

Course Description Form

1. Course Name: health assessment	
2. Course Code: HAS 203	
3. Semester / Year: The first semester second stage	
4. Description Preparation Date:20/10/2025	
5. Available Attendance Forms: collage attendance	
6. Number of Credit Hours (Total) / Number of Units (Total)	
15 weeks 4 hours In the week 2 Theoretical and 2 practical \3unite	
7. Course administrator's name (mention all, if more than one name)	
Name : assist lec. Nabaa thamir	
Email: nabaaalazawialazawi@gmail.com	
8. Course Objectives	
<p>Course Objectives</p>	<ul style="list-style-type: none"> • Taking sanitary and minimum procedures for patients, which enables the graduate to identify the patient's medical problems • Identifying the problems that the patient suffers from through physical examination and finding solutions for them • Identifying the problems that the patient suffers from through physical examination and finding solutions for them

9. Teaching and Learning Strategies

Strategy	Lecturers apply tests to mannequins in the laboratory, teach them what is normal from what is abnormal, and encourage students to train for examination in the laboratory.
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10. Course Structure

Week	Hours	Required Learning Outcomes	Unit or subject name	Learning method	Evaluation method
1 st	2	Recognize and define the steps of interview	The Health History Steps of the interview Communication skills for health assessment Establishing a nurse patient relationship	Oral presentation s, class participation , voice recording of pronunciation	Attendance, Student participation & quizzes
2 st	=	=	Basic assessment skills Inspection Palpation Percussion Auscultation Interpretation	=	=
3 st	=	=	The Human Body in Health and Disease	=	=
4 st	=	=	The Cardiovascular System	=	=
5 st			First Exam		
6 st	=		The Digestive System	=	=
7 st			The Lymphatic System	=	=
8 st	=		The Musculoskeletal System		
9 st	=		The Nervous System	=	=

10st	=		Second exam	=	=
11st	=		The Respiratory System	=	=
12 st	=		The Skin and hair and nail assessment	=	=
13st			Endocrine System, Urinary System		
14st			Male and Female Reproductive Systems		
15st			Final Exam		

11. Course Evaluation					
Distributing the score out of 100 according to the tasks assigned to the student such as daily preparation, daily oral, monthly, or written exams, reports.....etc					
12. Learning and Teaching Resources					
Required textbooks (curricular books, if any)					
Main references (sources)					
Recommended books and references (scientific journals, reports...)					
Electronic References, Websites					

Course Description Form

Medical Psychology

The College of Nursing at Tikrit University, in its Medical Psychology Program, strives for excellence in providing a comprehensive approach to preparing professional nurses for practice, education, and research related to medical psychology, and providing comprehensive care to individuals and families with psychological problems.

1. Course Name:

Medical Psychology

2. Course Code:

HPN410

3. Semester / Year:

Semester

4. Description Preparation Date:

1/9/2025

5. Available Attendance Forms:

In-person Presence.

6. Number of Credit Hours (Total) / Number of Units (Total)

- 6 hours for the theoretical. Weekly.

7. Course administrator's name (mention all, if more than one name)

Name: M.M. Alaa Hussein Ghaeb

8. Course Objectives

1. Ensure excellent academic performance and overall development of students in practical and theoretical aspects towards psychological patient care.

2. Motivate students to be self-motivated with the attributes of critical thinking, judgment and leadership abilities in the practical aspect
3. Apply innovative teaching strategies with high technology that enhances the learning outcomes of students.
4. Participate in preparing students who possess skills within appropriate ethical boundaries.

9. Teaching and Learning Strategies

Strategy	The educational strategy is planning the collaborative concept. Brainstorming educational strategy. Education strategy: a series of notes.
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10. Course Structure

Week	Hours	Required Learning Outcomes	Unit or subject name	Learning method	Evaluation method
The First.	6Theory	The student should be able to understand what medical psychology is and what its objectives are.	Introduction to psychology and its most important pioneering scientists	Delivering the lecture using audio-visual aids.	weekly Exam
Second	6 Theory	Theories of motivation that can influence student learning to deal with situations as quickly as possible	Motivation	Delivering the lecture using audio-visual aids.	weekly Exam

Third	6 Theory	Emotions and feelings and how they affect our daily lives	Emotions	Delivering the lecture using audio-visual aids.	weekly Exam
Fourth	6 Theory			Delivering the lecture using audio-visual aids.	weekly Exam
Fifth	6 Theory	The things we learn come from experiences and expertise and many factors influence them	Learning	Delivering the lecture using audio-visual aids.	weekly Exam
Sixth	First Midterm Exam				
Seventh	6 Theory	Frustration and conflict are intertwined and are usually negative feelings resulting from not achieving goals.	Frustration and conflict	Delivering the lecture using audio-visual aids.	weekly Exam

Eighth	6 Theory	Behavior is a person's action or reaction in response to an external or internal stimulus. It is one of the most important subjects studied in psychology	Behavior	Delivering the lecture using audio-visual aids.	weekly Exam
Ninth	6 Theory	Personality develops with age, and each stage has its own characteristics and factors that influence its formation, some of which are genetic and some of which are acquired from the environment.	Personality	Delivering the lecture using audio-visual aids.	weekly Exam
Tenth	6 Theory	Loss of control over dealing with difficult situations and the inability to find the necessary materials to deal with them leads to nervous tension.	Stress	Delivering the lecture using audio-visual aids.	weekly Exam

Eleventh	6 Theory	Muscle relaxation is accompanied by mental relaxation, which is a response to a signal from the brain expressing comfort.	Relaxation	Delivering the lecture using audio-visual aids.	weekly Exam
Second Teen	Second Midterm Exam				
Thirteen	6 Theory	Humans have a memory that stores and retrieves these events when needed.	Memory	Delivering the lecture using audio-visual aids.	weekly Exam
Fourteen	6 Theory	It is a unique and always evolving method that has a great impact on a person's identity. symptoms, how to intervene with them, and providing nursing care	Self-concept	Delivering the lecture using audio-visual aids.	weekly Exam
Fifteen	6 Theory	Of the higher mental processes which include verbal	Thinking	Delivering the lecture using	weekly Exam

		symbols, internal, visual and auditory images, ideas, concepts and mathematical symbols		audio- visual aids.	
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11. Course Evaluation

The grade distribution is as follows: 20 points for the semester theory, 10 points for student activity, and 70 points for the final theory.

12. Learning and Teaching Resources

Required textbooks (curriculum books, if any)	Medical Psychology for Nursing Colleges/Fourth Stage
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Academic program description ٢٠٢٥-٢٠٢٦

University Name: Tikrit University

Faculty/Institute: College of Nursing

Scientific Department: Department of Clinical Nursing Sciences

Academic or Professional Program Name: Bachelor of Science in Nursing

Final Certificate Name: Bachelor of Nursing

Academic System: Semester

Description Preparation Date:

28/10/2025

File Completion Date:28/10/2025

Signature: 

Head of Department Name:

Assistant Pro. Dr. Sarab dalaf Khala

Date: 30/10/2025

Signature: 

Scientific Associate Name

Lecturer Dr. Mahmood hassan

Date: 30/10/2025

The file is checked by:

Department of Quality Assurance and University Performance

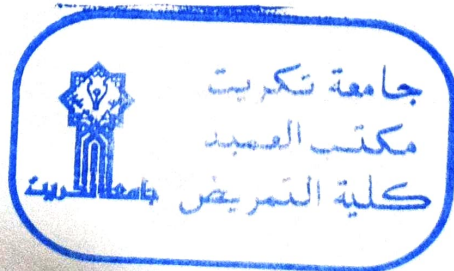
Director of the Quality Assurance and University Performance Department: Ayat Manaf Hameed Ibrahim

Date: 30/10/2025

Signature: 

Approval of the Dean

Date: 30 / 10 / 2025



1. Program Vision

The College of Nursing at Tikrit University is a leading educational institution that aims to provide distinguished educational and research programs in the field of nursing. It is also to become a global leader in nursing education and scientific research at the College of Nursing at Tikrit University, promote innovation and excellence in health care, and contribute to shaping the future of health care at the global and local levels.

2. Program Mission

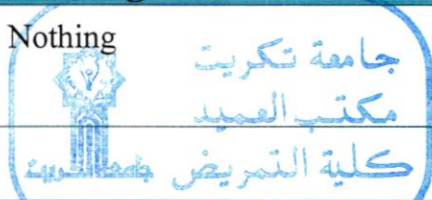
The College of Nursing at Tikrit University is committed to providing advanced and comprehensive nursing education that focuses on developing students practical and theoretical skills and enhancing ethical and professional values. It aims to prepare highly qualified graduates capable of effectively contributing to improving the quality of health care and contributing global and local health challenges through innovative educational programs and strategic partnerships. And applied research.

3. Program Objectives

1. Preparing scientific and professional nursing cadres capable of creativity, producing knowledge, and competing in the labor market.
2. Contributing to comprehensive health care for society.
3. Work to keep pace with developments in nursing fields through training and continuing education.
4. Developing the students talents and raising his efficiency.

4. Program Accreditation

Nothing



5. Other external influences

Department				
Requirements				
Summer Training	<p>Second class</p> <p>First week: training in the cardiac lounge</p> <p>Second week: training in the urinary lounge</p> <p>Third week: training in the surgical lounge</p> <p>Fourth week: training in the fracture lounge</p> <p>Third class</p> <p>First week: training in the premature lounge</p> <p>Second week: training in the surgery for children lounge</p> <p>Third week: training in the women lounge</p>			<p>Basic</p> <p>Basic</p> <p>Basic</p> <p>Basic</p> <p>Basic</p> <p>Basic</p> <p>Basic</p>
Other				

7. Program Description

Year/Level	Course Code	Course Name	Credit Hours	
			Theoretical	Practical
First class	NUR101	Fundamental of nursing 1	4	6
	ETH104	Nursing ethics	2	0
	ENG105	English 1	2	0
	DEM107	Democracy & Human rights	2	0
	NUR108	Fundamental of nursing 2	4	12
	TER110	Terminology for nurses	2	0
	ENG111	English 2	2	0
	ARB113	Arabic 1	2	0
Second class	NUR201	Adult nursing 1	4	12
	HAS202	Health assessment	2	2
	PHR204	Pharmacology for nurses 1	2	0

	NUR207	Adult nursing 2	4	12
	PHR210	Pharmacology for nurses 2	2	0
	ARB212	Arabic 2	2	0
	NUR213	Summer clinical training	0	30 day
Third class	NUR301	Maternal and child nursing	3	14
	RSM302	Research methods in nursing	2	0
	HOS303	Health sociology	2	0
	NUT304	Nutrition and diet therapy	2	0
	HUM305	Human rights	1	0
	NUR306	Pediatric Nursing	3	14
	PHR307	Human Growth and development	3	6
	BST308	Biostatistics	2	0
	DEM309	Democracy	1	0
	ENG310	English 3	1	3
		NUR311	Summer clinical training	0
Fourth class	NUR401	Community health nursing	3	12
	EPID402	Epidemiology	2	0
	NUR403	Management and leadership in Nursing	2	3
	HPR404	Health promotion	2	0
	NUR405	Professional perspective and issues in nursing	2	0
	ARB406	Arabic 1	1	0
	NUR407	Psychiatric and mental health nursing	3	12
	HPN408	Health psychology for nurses	2	0
	NUR409	Critical care in nursing	2	12
	ARB410	Arabic 2	1	0
	ENG411	English 4	1	2
		NUR412	Graduated research	0

8. Expected learning outcomes of the program

Knowledge

1. The student's ability to understand, remember, and present of information.
2. Providing basic theoretical and practical information related to clinical medical sciences.
3. Enabling students to obtain knowledge through application modern software.
4. Developing the linguistic aspect through familiarity with the most important medical terms and proficiency in the English language.

Skills

1. Promoting professional ethics and dealing with present graduated.
2. Students acquire laboratory diagnostic skills and knowledge of some important analyzes in the field of nursing.
3. Promoting the principles of lifelong learning in order to continue in developing the profession.

Ethics

1. Building the students personality and ability to make decisions and developing the ethics in the university nurse profession.
2. Enabling the students to apply theoretical information in a scientific manner.
3. Developing the students national and humanitarian spirit for services patients and provision of health care in quantity and quality.
4. Instilling the concept of community service and the best ways to deal with simple segments of society.

9. Teaching and Learning Strategies

- Developing teaching curricula in coordination with the committee of nursing

colleges in Iraq

- Developing teaching curricula by the college that are similar to the work environment.
- Training students with experiences that simulate reality.
- Holding discussion circles to focus on self-development and time management skills.
- Continuous guidance.

10. Evaluation methods

- Theoretical exam
- Laboratory practical experiments.
- Daily exam.
- Reports and studies.
- Final exam.



11. Faculty

Faculty Members

Academic Rank	Specialization		Special Requirements/Skills (if applicable)	Number of the teaching staff	
	General	Special		Staff	Lecturer
Prof. Dr. Abdul Rahman J. Mansur	Bach. Of science in nursing	Physiology	Nothing	*	
Prof. Dr. Ashur R. Sirhat	Ch. & M. Bach.	Pediatric	Nothing	*	
Prof. Dr. Sarab Dalaf	Biology	Cytology	Nothing	*	
Inst. Dr. Samir Alawi	Bach. Of nursing	Adults	nothing	*	
Inst. Dr. Mohammed Mussa	Bach. Of medicine	dermatology	nothing	*	
Assist Prof. Dr. Sarab Kahtan	Ch. & M. Bach.	Family medicine	Nothing		*
Lec. Dr. Ahmed M. Younes	Bach. Of science in nursing	Community health Nursing	Nothing	*	
Lec. Dr. Nariman M. Ahmed	Bach. Of science in nursing	Pediatric Nursing	Nothing	*	
Assist Lec. Nabaa Th. Mahmoud	Bach. Of science in nursing	Pediatric Nursing	Nothing	*	
Assist Lec. Sanaa Ghazy	Bach. Of science in nursing	Maternal & Child Nursing	Nothing		*
Assist Lec. Nawar Ibrahim	Bach. Of science in nursing	Psychiatric & Mental health nursing	Nothing		*
Lecturer doctor faisal hussain	Bach. Of agriculture		nothing	*	



Professional Development

Mentoring new faculty members

Explaining the mechanism of the scientific process to new teachers and urging them to become familiar with modern teaching methods and using simple methods to convey the information in a manner worthy of the students.

Professional development of faculty members

Conducting workshops and future plans to develop the academic and professional aspects of faculty members and develop their professional capabilities by keeping place with development plans in modern institutions, and then evaluating the results of education as to whether modern methods are useful or not, and if they are not useful, they must be replaced or developed.

12. Acceptance Criterion

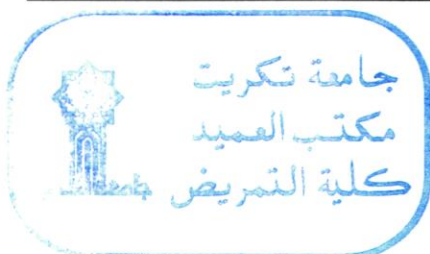
- Central acceptance for morning studies
- Acceptance of distinguished channel
- Acceptance of institute students from the second year of college

13. The most important sources of information about the program

- Methodical books.
- Iraqi, Arab and international scientific journals.
- Internet sites.

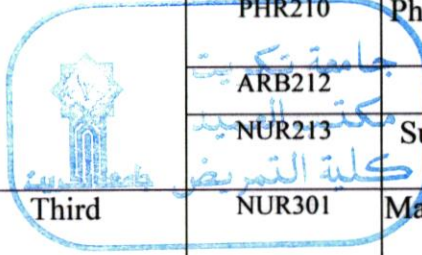
14. Program Development Plan

- Using advanced educational methods.
- Follow up on the latest developments in the field of nursing training.
- Working in educational groups, which contributes to the exchange of ideas and visions.

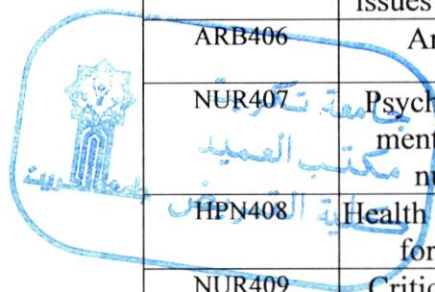


Program Skills Outline

				Required program Learning outcomes											
Year/Level	Course Code	Course Name	Basic or optional	Knowledge				Skills				Ethics			
				A1	A2	A3	A4	B1	B2	B3	B4	C1	C2	C3	C4
First	NUR101	Fundamental of nursing 1	Basic	*	*			*			*	*	*		*
	ETH104	Nursing ethics	Basic	*	*		*	*	*		*	*	*	*	*
	ENG105	English 1	Basic	*	*			*	*			*	*	*	*
	DEM107	Democracy & Human rights	Basic	*	*			*	*	*		*	*	*	*
	NUR108	Fundamental of nursing 2	Basic	*	*		*		*	*	*		*	*	*
	TER110	Terminology for nurses	Basic												
	ENG111	English 2	Basic	*	*	*		*	*			*	*	*	*
	ARB113	Arabic 1	Basic												
Second	NUR201	Adult Nursing 1	Basic	*	*	*	*	*	*	*		*	*	*	*
	HAS202	Health assessment	Basic	*	*	*		*	*	*	*	*	*	*	*
	PHR204	Pharmacology for nurses 1	Basic												
	NUR207	Adult Nursing 2	Basic	*	*	*	*	*	*	*		*	*	*	*
	PHR210	Pharmacology for nurses 2	Basic												
	ARB212	Arabic 2	Basic												
	NUR213	Summer clinical training	Basic												
Third	NUR301	Maternal and child nursing	Basic	*	*	*	*	*	*	*		*	*	*	*
	RSM302	Research methods in nursing	Basic	*	*	*	*	*	*	*	*	*	*	*	*



	HOS303	Health sociology	Basic	*	*	*	*	*	*	*	*	*	*	*	*
	NUT304	Nutrition and diet therapy	Basic	*	*	*	*	*	*	*	*	*	*	*	*
	HUM305	Human Rights	Basic	*	*			*	*	*		*	*	*	*
	NUR306	Pediatric Nursing	Basic	*	*	*	*	*	*	*	*	*	*	*	*
	PHR307	Human Growth and development	Basic	*	*	*	*	*	*	*		*	*	*	*
	BST308	Biostatistics	Basic	*	*	*		*	*	*		*	*		*
	DEM309	Democracy	Basic	*	*	*									*
	ENG310	English 3	Basic	*	*	*		*	*			*	*	*	*
	NUR311	Summer clinical training	Basic												
Fourth	NUR401	Community health nursing	Basic	*	*	*	*	*	*	*		*	*	*	*
	EPID402	Epidemiology	Basic	*	*	*		*	*			*	*	*	*
	NUR403	Management and leadership in Nursing	Basic	*	*	*		*	*	*		*	*	*	*
	HPR404	Health promotion	Basic	*	*	*		*	*	*		*	*	*	*
	NUR405	Professional perspective and issues in nursing	Basic	*	*	*		*	*	*		*	*	*	*
	ARB406	Arabic 1	Basic												
	NUR407	Psychiatric and mental health nursing	Basic	*	*	*	*	*	*	*	*	*	*	*	*
	HPN408	Health psychology for nurses	Basic	*	*	*	*	*	*	*	*	*	*	*	*
	NUR409	Critical care in nursing	Basic	*	*	*	*	*	*	*	*	*	*	*	*
	ARB410	Arabic 2	Basic												



ENG411	English 4	Basic	*	*	*		*	*			*	*	*	*
NUR412	Graduated research	Basic												

- Please tick the boxes corresponding to the individual program learning outcomes under evaluation.



Course Description of Biostatistics

1. Course Name:
Biostatistics
2. Course Code:
STA3105
3. Semester / Year:
First semester / Third stage
4. Description Preparation Date:
1/9/2025
5. Available Attendance Forms:
Attendance
6. Number of Credit Hours (Total) / Number of Units (Total)
30 hours (2 hours per week) Number of units / 2
7. Course administrator's name (mention all, if more than one name)
Name: Asst. Lecturer Nashwan Nassir Natah
8. Course Objectives
<p style="text-align: right;">.....</p> <p>A. Cognitive Objectives</p> <ul style="list-style-type: none"> • To give students a basic understanding of the fundamental principles of statistics and their application in conducting scientific research in the fields of nursing and medicine to achieve accurate scientific results. • To teach students how to address and solve problems using mathematical and statistical methods. • To familiarize students with different types of research and the appropriate statistical approaches. <p>B. Course-Specific Skills Objectives</p> <ul style="list-style-type: none"> • Applying knowledge in analyzing research results • Extracting results that align with the research objective • Using optimal statistics in data analysis <p>C. Affective and Value-Based Objectives</p> <ul style="list-style-type: none"> • Recognizing the importance of human beings and their health and well-being. • Nursing research that addresses human health.
9. Teaching and Learning Strategies

Strategy	<ul style="list-style-type: none"> • Through lectures using PowerPoint and the whiteboard • Continuous discussion through questions and answers within the classroom, encouraging students to think critically, learn independently, and engage with the subject matter
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10. Course Structure

Week	Hours	Required Learning Outcomes	Unit or subject name	Learning method	Evaluation method
First		Understanding basic statistical terminology and types of statistics Study objectives	Introduction to Statistics Definition of Biostatistics Objectives and Types of Statistics Statistical Methods (Descriptive and Inferential Statistics)	Theoretical lecture Using PowerPoint and the whiteboard to solve mathematical problems	Daily tests and homework
Second		Understanding data collection methods and types, distinguishing between a population and a sample, and understanding variables and their types.	Data collection methods Data sources Population, sample, and their types Variables and their types	Theoretical lecture Using PowerPoint and the whiteboard to solve mathematical problems	Daily tests and homework
third		How to learn data tabulation and represent it using tables Frequency distributions as well as Learning how to find percentages and learning how to construct groups and cumulative frequencies Ascending and descending	Steps for creating frequency distribution tables and representing data within them.	Theoretical lecture Using PowerPoint and the whiteboard to solve mathematical problems	Daily tests and homework
Forth		Learn how to represent statistical parameters graphically using mathematical formulas.	Graph	Theoretical lecture Using PowerPoint and the whiteboard to solve mathematical problems	Daily tests and homework
Fifth		Data representation and analysis Statistically, using measures of central tendency	Measures of central tendency and their definition	Theoretical lecture Using PowerPoint and the whiteboard to solve mathematical problems	Daily tests and homework
Six		Learn how to calculate	arithmetic mean	Theoretical lecture	Daily tests and

		statistical rates for both ungrouped and grouped data.		Using PowerPoint and the whiteboard to solve mathematical problems	homework
Seven		Learn how to find the most representative data.	The loom	Theoretical lecture Using PowerPoint and the whiteboard to solve mathematical problems	Daily tests and homework
Eight	First semester exam				
nine		Learn how to find the optimal sample that exhibits most of the desired characteristics	The mediator	Theoretical lecture Using PowerPoint and the whiteboard to solve mathematical problems	Daily tests and homework
Ten		Learn to describe and analyze data in a comprehensive way, and understand the extent of data dissemination and aggregation.	Measures of dispersion And their definition	Theoretical lecture Using PowerPoint and the whiteboard to solve mathematical problems	Daily tests and homework
Eleven		Identifying measures of dispersion To evaluate data distribution And determine the degree of dispersion Or the variance between them	range	Theoretical lecture Using PowerPoint and the whiteboard to solve mathematical problems	Daily tests and homework
Twelve		Understanding the scale of deviation and variance, which is defined as a measurement that gives an idea of the extent to which values are distributed around their mean.	Contrast	Theoretical lecture Using PowerPoint and the whiteboard to solve mathematical problems	Daily tests and homework
Thirteenth	Second semester exam				
fourteenth		The standard deviation gives an idea of how widespread the values are in a group; the larger the standard deviation, the more dispersed the data.	standard deviation	Theoretical lecture Using PowerPoint and the whiteboard to solve mathematical problems	Daily tests and homework
Fifteenth		Learn how to calculate correlation And learn how to calculate regression coefficients	Correlation and regression coefficient	Theoretical lecture Using PowerPoint and the whiteboard to solve mathematical problems	Daily tests and homework

Course Evaluation	
<p>The grade is distributed out of 100 according to the tasks assigned to the student, such as daily preparation, daily and oral quizzes, the midterm exam, and homework.</p> <p>Homework (10%) Midterm exam (15%) Quiz and participation (5%) Final exam (70%)</p>	
Learning and teaching resources	
<p>Required textbooks (methodology, if applicable)</p>	<p>Title: Schaum's Outline Series Author: Dr. Murray R. Spiegel Publisher: McGraw-Hill Title: Population Statistics Author: Ziad Al-Rawi</p>
<p>Main references (sources):</p>	<p>Computer Fundamentals and Office Applications (Part 1)</p>
<p>Recommended supporting books and references (scientific journals, reports, etc.)</p>	<p>Title: Explanation of the SPSS Statistical Program Author: Tariq Al-Rawi</p>

11. Course Evaluation					
12. Learning and Teaching Resources					
Required textbooks (curricular books, if any)					
Main references (sources)					
Recommended books and references (scientific journals, reports...)					
Electronic References, Websites					

Course Description Form

1. Course Name: Critical Care Nursing	
2. Course Code: NUR4202	
3. Semester / Year: First and Second semester/Fourth Stage	
4. Description Preparation Date: 15/7/2025	
<p>This is a complementary course to the Critical Care Nursing course. It also prepares students to meet the bio-psycho-social needs of clients with critical illness through advanced assessment and management. The areas of emphasis include the critically ill adult with neurological, gastrointestinal, endocrinology, hematologic dysfunctions, and multisystem stressors.</p>	
5. Available Attendance Forms: In-Person Presence and online.	
6. Number of Credit Hours (Total) / Number of Units (Total) 2 hours weekly of (15) weeks/ 30 hrs./ 2 Units	
7. Course administrator's name (mention all, if more than one name)	
<p>Name: Dr.Mohammed M. Abdullah Email: m.mosa@tu.edu.iq</p>	
8. Course Objectives	
Course Objectives	<ol style="list-style-type: none"> 1. Understand the effect of the critical illness on the clients and their families. 2. Describe the impact of the critical care environment on the clients. 3. Discuss current monitoring techniques used in critical care settings. 4. Relate the human responses to critical illness to the underlying path physiology. 5. Discuss psychosocial assessment and interventions relevant to critically ill clients and the families. 6. Utilize knowledge from the humanities and science in planning the care of critically ill adults. 7. Demonstrate safe nursing care of critically ill adults. 8. Utilize effective communication techniques with clients. 9. Demonstrate competence in hemodynamic and cardiac monitoring. 10. Provide quality nursing care for clients with respiratory dysfunction.

11. Assess and manage client with renal – urinary dysfunctions.
12. Deal efficiently with cases of multisystem trauma.
13. Interpret assessments findings in relation to the underlying critical illness.
14. Participate in educating critically ill clients and their families.

9. Teaching and Learning Strategies

Strategy	<ol style="list-style-type: none"> 1. Delivering lectures using presentations, modern technology, and interactive activities to enhance understanding of the curriculum and increase comprehension of the material through videos and supporting materials. 2. Conducting individual and group discussions to review the lecture content, deepen understanding, ensure information is effectively conveyed, and provide real-life examples to foster classroom interaction. 3. Implementing daily assignments, quizzes, and oral questions to motivate students. 4. Utilizing clinical teaching methods through laboratory lectures, clinical sessions in the hospital, assignments, and case studies.
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10. Course Structure

Week	Hours	Required Learning Outcomes	Unit or subject name	Learning method	Evaluation method
1st	2+12	The student should be able to Describe the experience of patient and family with critical care. Discuss the impact of critical care environment on the client. List the methods of relieving pain. Formulate teaching plan for patient and family with critical care. Describe the ethical issues in critical care nursing.	An Overview of Critical care nursing	Lecture , presentation discussion	Quiz, participation
2nd	12+2	Define Concepts Describe the pathophysiology, clinical manifestations, and treatment of acute coronary artery Use	Cardiogenic shock, Angina and Myocardial infarction	Lecture , presentation discussion	Quiz, participation

		<p>the nursing process as a framework for care of patients with angina pectoris. Describe the pathophysiology, clinical manifestations, and treatment of myocardial infarction. Describe the causes, clinical manifestation, diagnostic test, medical management and care of cardiogenic shock. Describe the nursing care of a patient who has undergone cardiac surgery.</p>			
3rd	12+2	<p>Compare the various acute respiratory distress syndrome with regard to causes, clinical manifestations, nursing management, complications, and prevention. pathophysiology, clinical manifestations, medical management, and nursing management of acute respiratory distress syndrome.</p>	Acute respiratory distress syndrome	Lecture , presentation discussion	Quiz, participation
4th	12+2	<p>Discuss the major risk factors for developing pneumothorax and nursing interventions to minimize or prevent these risk factors. clinical manifestations medical management, and nursing</p>	Pneumothorax	Lecture , presentation , discussion	Quiz, participation

		management of pneumothorax.			
5th		1st Midterm Examination	1st Midterm Examination.		Exam Paper
6th	12+2	Discuss the major risk factors for developing pulmonary embolism and nursing interventions to minimize or prevent these risk factors.	Pulmonary Embolism	Lecture , presentation , discussion	Quiz, participation
7th	12+2	Discuss the major risk factors for developing renal disorder and nursing interventions to minimize or prevent these risk factors. Compare and contrast the pathophysiology, clinical manifestations, medical management of Acute kidney injury	Acute kidney Injury	Lecture , presentation , discussion	Quiz, participation
8th	12+2	Discuss the major risk factors for developing and nursing interventions to minimize or prevent these risk factors. Compare and contrast the facial and Spinal cord injury pathophysiology, clinical manifestations, medical management of facial and spinal injury	Facial and Spinal cord injury	Lecture , presentation , discussion	Quiz, participation
9th	12+2	Discuss the major risk factors for developing Multisystem Trauma and nursing interventions to minimize or prevent these risk factors. Compare and contrast the pathophysiology, clinical	Multisystem trauma	Lecture , presentation , discussion	Quiz, participation

		manifestations, medical management.			
10th		2nd midterm examinati	2nd midterm examinati		Exam paper
11th	12+2	Describe etiologic factors associated with diabetes coma and Ketoacidosis. Relate the clinical manifestations of diabetes to the associated pathophysiologic alterations. Identify the diagnostic and clinical significance of laboratory tests results for patient with diabetes coma and Ketoacidosis. Use the nursing process as a framework for care of patients with diabetes coma, Ketoacidosis	diabetes coma, Ketoacidosis	Lecture , presentation , discussion	Quiz, participation
12th	12+2	Discuss etiologic factors associated with thyroid storm and Myxedema. Identify the diagnostic and clinical significance of laboratory tests results for patient with thyroid storm and Myxedema. Use the nursing process as a framework for care of patients with thyroid storm and myxedema	Thyroid storm and Myxedema	Lecture , presentation , discussion	Quiz, participatio
13th	12+2	Compare the various types , their causes, clinical manifestation, diagnostic procedure and medical management and pathophysiology for stroke	Stroke	Lecture , presentation , discussion	Quiz, participatio
14th	12+2	Define poisoning. List the types, causes, clinical manifestation, laboratory tests for poisoning , List the nursing management for patie	Poisoning	Lecture , presentation , discussion	Quiz, participatio

		with poisoning.			
15th	12+2	Describe the local and systemic effects of a major burn injury. Describe the formula used to calculate fluid replacement therapy. Use the nursing process as a framework for care of the patient during the three phases of burn care. Discuss the classification system used for burn injuries	Burns	Lecture , presentation , discussion	Quiz, participati

11. Course Evaluation

The distribution is as follows:

20 points for the midterm theoretical exam and student activities,
20 points for the midterm practical and laboratory exam,
20 points for the final practical exam,
and 40 points for the final theoretical exam.

12. Learning and Teaching Resources

Required textbooks (curricular books, if any)	Introduction to critical care nursing Clinical emergency medicine
Main references (sources)	Urden L. D., Stacy K. M., Lough M. E., Critical care nursing: diagnosis and management, 2014, 7th edition, Mosby, an imprint of Elsevier Inc. Canada
Recommended books and references (scientific journals, reports...)	1 Kathleen Ouimet Perrin, Carrie Edgerly Macleod, Understanding the Essentials of Critical Care Nursing, 3rd Ed., Pearson, 2018. 2 Sole, Klein, Moseley, Introduction to Critical Care Nursing, 6th Ed., Elsevier, 2013.
Electronic References, Websites	1. American Nurses Association. (n.d.). <i>ANA Ethics</i> [Website]. Retrieved from https://www.nursingworld.org/practice-policy/nursing-excellence/ethics/ 2. International Council of Nurses. (n.d.). <i>ICN Code of Ethics for Nurses</i> [Website]. Retrieved

from <https://www.icn.ch/who-we-are/code-ethics-nurses>

3. <https://www.aacn.org/clinical-resources>

.[§] <https://www.nursingcenter.com/clinicalresources/practice-specialties/critical-care-nursing>

Course Description Form

1. Course Name: Health Promotion	
2. Course Code: Nur4102	
3. Semester / Year: Second/Fourth Stage	
4. Description Preparation Date: 15/7/2025	
5. Available Attendance Forms: In-Person Presence and online.	
6. Number of Credit Hours (Total) / Number of Units (Total) 2 hours weekly of (15) weeks/ 2 Units.	
7. Course administrator's name (mention all, if more than one name)	
Name: Dr.Mohammed M. Abdullah Email: m.mosa@tu.edu.iq	
8. Course Objectives	
Course Objectives	<ol style="list-style-type: none"> 1. Identify Concepts, principles and definitions of health and health promotion 2- Apply approaches to health promotion and diseases prevention . 3- Differentiate health promotion from Health Protection . 4- Overview models of health and illness. 5- Discuss health promotion Model 6- Understand levels of measurement of health and health promotion. 7- Perform the nurse's Role in health promotion.
9. Teaching and Learning Strategies	
Strategy	<ol style="list-style-type: none"> 1. The lecturer delivers lectures using presentations, modern technology, and interactive activities to enhance understanding of the curriculum and improve comprehension of the material through videos and support materials. 2. Individual and group discussions are held to review the lecture content, deepen understanding, ensure information is effectively conveyed, and encourage active classroom interaction. 3. Daily assignments, quizzes, and oral questions are administered to motivate students. 4. Health promotion reports and programs are developed in groups.

10. Course Structure

Week	Hours	Required Learning Outcomes	Unit or subject name	Learning method	Evaluation method
1st	2	Identify the definition of Health and Illness, Wellness Measurement of Health Disease Prevention	An Overview of Health and Health Promotion Disease Protection	Lecture , presentation discussion	Quiz, participation
2nd	2	Understanding the following : Health Belief Model Protection Motivation Theory Trans-theoretical Model of Behavior Change Use of Multiple Theories in Behavior Change	Theories of Human Behavior and Health	Lecture , presentation discussion	Quiz, participation
3rd	2	Identify the : Pender Health Promotion Model O'Donnell Model of Health Promotion Behavior Holistic Health Model	Health Promotion Models	Lecture , presentation discussion	Quiz, participatio
4th	2	Know how to do: Assessment and data collection Health planning process Planning and implementation Evaluation	Developing a Health Promotion- Prevention Plan	Lecture , presentatio n, discussion	Quiz, participatio
5th	2	1st Midterm Examination	1st Midterm Examination.		Exam Paper

6th	2	Identify the following Domains: Physiological Domain Psychological Domain Sociological Domain Biological Domain Political Domain Spiritual Domain Intellectual Domain	Domains fundamentals to Nursing Practice in Health Promotion	Lecture , presentation discussion	Quiz, participation
7th	2	To know the : Activist /Proactive Change agent Advocate Educator Empowering Agent Communicator Consultant Coordinator of Care Leader / Member of the profession Provider of Care / Caregiver Researcher Role Mode	Roles of the Nurse in Health Promotion	Lecture , presentation , discussion	Quiz, participation
8th	2	Assessment Planning Implementation Evaluation Re-evaluation	Overview of the Nursing Process	Lecture , presentation , discussion	Quiz, participation
9th	2	Environment Work Socioeconomic level Education Gender Cultural and spiritual Influence	Risk Factors and Health Promotion	Lecture , presentation discussion	Quiz, participation
10th	2	2nd midterm examination	2nd midterm examination		Exam paper
11th	2	Communication and Nurse Types of Communication Communication and the Therapeutic Relationship Health promotion Model	Using Communication for Health Promotion	Lecture , presentation discussion	Quiz, participation

		and Communication			
12th	2	Cultural Assessment Lifestyle Assessment	The concept of Cultural and Lifestyle	Lecture presentation, discussion	Quiz, participation
13th	2	The Child The adolescent and young Adult The Middle Age Adult The Older Adult	Health promotion across the Life Span	Lecture presentation, discussion	Quiz, participation
14th	2	Purposes of Evaluation Approaches for Health Promotion Evaluation Evaluation of Health Promotion Implementation Strategies for Evaluation of Health Promotion	Evaluation the Effectiveness of Health Promotion	Lecture presentation, discussion	Quiz, participation
15th	2	Health care system Nursing roles. Increasing technology. Economic environment. Individual behavior	Current factors Affecting Nursing Role in Health Promotion	Lecture presentation, discussion	Quiz, participation

11. Course Evaluation

The degree is divided into 30% semi-final and 70% final, 20 marks for a theoretical semester exam, 10 marks for attendance and practical activities, 70 marks for a final theoretical exam.

12. Learning and Teaching Resources

Required textbooks (curricular books any)

Main references (sources)

1- Allender, J. and Spradley, B., Community Health Nursing Concepts and practice, 5th ed., New York, Lippincott, 200
2- Kozier B, Erb, G, Berman A, et al. Fundamentals of Nursing, 7th Ed,

Recommended books and references (scientific journals, reports...)	New York, Pearson Education, 2004.
Electronic References, Websites	1. Nursing and medical websites related to health promotion 2. Google scholar, Pupmed, NCIB

Course Description Form

Medical sociology

The College of Nursing, University of Tikrit, in its adult program seeks excellence in providing a comprehensive approach to preparing the professional nurse in the practice, education and research related to adult nursing and providing comprehensive family-centered care for adults.

1. Course Name:	
Medical sociology	
2. Course Code:	
HPR405	
3. Semester / Year:	
Semester	
4. Description Preparation Date:	
24/7/2025	
5. Available Attendance Forms:	
In-person Presence and online .	
6. Number of Credit Hours (Total) / Number of Units (Total)	
- 2 hours for the theoretical. -	
7. Course administrator's name (mention all, if more than one name)	
Name: Assistant lecture Saif nofan Dakheel Email: Saif nofan @ yahoo.com	
8. Course Objectives	
1. Ensure excellent academic performance and overall development of students in practical and theoretical aspects towards adult patient care.	
2. Motivate students to be self-motivated with the attributes of critical thinking, judgment and leadership abilities in the practical aspect	
3. Apply innovative teaching strategies with high technology that enhances the learning outcomes of students.	
4. Participate in preparing students who possess skills within appropriate ethical boundaries.	
9. Teaching and Learning Strategies	
Strategy	The educational strategy is planning the collaborative concept.

Brainstorming educational strategy.
Education strategy: a series of notes.

10. Course Structure

Week	Hours	Required Learning Outcomes	Unit or subject name	Learning method	Evaluation method
The First.	2 Theory	The student should understand what medical sociology is and what the concepts are.	Introduction to Medical Sociology and Concepts	Delivering the lecture using audio-visual aids.	Daily or weekly Exam
Second	2 Theory	Understanding the relationship between medical sociology and nursing	The relationship between medical sociology and nursing	Delivering the lecture using audio-visual aids.	Daily or weekly Exam
Third	2 Theory	Establishing societies, community roles and rights and duties	Community roles and rights	Delivering the lecture using audio-visual aids.	Daily or weekly Exam
Fourth	2 Theory	Community problems, the concept of problems, their nature, the causes of problems and their impact on community	Methodology in solving societal problems and influential social problems.	Delivering the lecture using audio-visual aids.	Daily or weekly Exam
Fifth	2 Theory	Definition and concept of family	Types of families and the problems they face	Delivering the lecture using audio-visual aids.	Daily or weekly Exam
Sixth	First semester exam				

Seventh	2 Theory	Impulsive behavior	Analysis of impulsive behavior and its impact on the individual	Delivering the lecture using audio-visual aids.	Daily or weekly Exam
Eighth	2 Theory	Impulsive behavior	Analysis of impulsive behavior and its impact on the individual	Delivering the lecture using audio-visual aids.	Daily or weekly Exam
Ninth	2 Theory	Personal relationships	The concept of social relations and the relationship between the nurse and patient	Delivering the lecture using audio-visual aids.	Daily or weekly Exam
Tenth	2 Theory	. Personal relationships	The concept of social relations and the relationship between the nurse and patient	Delivering the lecture using audio-visual aids.	Daily or weekly Exam

Eleventh	2 Theory	Social alteration	The concept of social change and its impact on the individual and community	Delivering the lecture using audio-visual aids.	Daily or weekly Exam
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Twelfth	2 Theory	Social alteration			
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Thirteen	Second semester Exam				
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Fourteen	2 Theory	Teaching and learning strategies	Education concept and learning	. Delivering the lecture using audio-visual aids.	Daily or weekly Exam
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Fifteen	2 Theory	Teaching and learning strategies	Education concept and learning	Delivering the lecture using audio-visual aids.	Daily or weekly Exam
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11. Course Evaluation

The distribution is as follows: 20 points for the midterm theoretical exam and student activities, 10 and 70 points for the final theoretical exam.

12. Learning and Teaching Resources

Required textbooks (curricular books, if any)

2025 .. المدخل الى علم الاجتماع الحسن ، احسان محمد

Main references (sources)

Recommended books and references (scientific journals, reports...)

Cooke ,H.,philpin, S. (2008).Sociology in nursing and health care . Elsevier Limited .

Course Description Form

1. Course Name: Growth and development	
2. Course Code: pHR308	
3. Semester / Year: The second semester third stage	
4. Description Preparation Date: 1 \ 24 \ 2020	
5. Available Attendance Forms: collage attendance	
6. Number of Credit Hours (Total) / Number of Units (Total) 15 weeks 9 hours In the week 3 Theoretical and 6practical \5unite	
7. Course administrator's name (mention all, if more than one name) Name : assist lec. Nabaa thamir Email: nabaaalazawialazawi@gmail.com	
8. Course Objectives	
Course Objectives 1. Demonstrate knowledge and understanding of the stages of development and the factors influencing them. 2. Apply knowledge and understanding of the key points that add age to progress in the field of development. 3. Understand the growth rate for each stage of a child's life. 4. Determine whether development and progress are consistent with the child's current age. 5. Identify specialized problems based on growth rate

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9. Teaching and Learning Strategies

Strategy	Determine the necessary resources - Determine the time required for teaching Setting educational objectives - Improving available library systems - Discussion sessions - Achieving objectives and educational outcomes
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10. Course Structure

Week	Hours	Required Learning Outcomes	Unit or subject name	Learning method	Evaluation method
1 st	2	Recognize and define the steps of interview	1. Introduction to developmental science	Oral presentation s, class participation , voice recording of pronunciation	Attendance, Student participation & quizzes
	=	=		=	=
2 st			٢ . Methods of measuring growth and development		
	=	=		=	=
	=	=		=	=
			٣ . Theories of growth and development		
	=	=		=	=
3 st			امتحان فصلي شهر الاول		
	=	=		=	=

	=			=	=
4st	=		4.Newborn stage	=	=
5st	=		5. Infant stage	=	=
6st	=		6. toddler stage Part 1	=	=
7st	=		7.toddler stage Part 2		
8st			8.preschool stage Part 1		
9st			9.preschool stage Part 2		
10st			10.school stage		
11st			11.school stage part 2		
12 st			12Adolescence Part 1		
13st			13Adolescence Part 2		

		14. Adulthood			14st
		Theory exam			15st

11. Course Evaluation					
Distributing the score out of 100 according to the tasks assigned to the student such as daily preparation, daily oral, monthly, or written exams, reports.....etc					
12. Learning and Teaching Resources					
Required textbooks (curricular books, if any)					
Main references (sources)					
Recommended books and references (scientific journals, reports...)			Wong's nursing care of infants and children-E-book . Elsevier Health Sciences, 2018. 2. Pillitteri, A. (2010).		
Electronic References, Websites					

Course Description Form

Mental Health Nursing (1)

The College of Nursing, Tikrit University, in its Psychiatric and Mental Health Nursing Program, strives for excellence in providing a comprehensive approach to preparing the professionally competent nurse in practice, education, and research related to psychiatric nursing and providing comprehensive family-centered care for adults.

1. Course Name:

Mental Health Nursing (1)

2. Course Code:

3. Semester / Year:

Semester

4. Description Preparation Date:

16/7/2025

5. Available Attendance Forms:

In-person Presence and online .

6. Number of Credit Hours (Total) / Number of Units (Total)

- 4 hours for the theoretical.
- 12 hours for practical training

7. Course administrator's name (mention all, if more than one name)

Name: M.M. Nawar Ibrahim Ahmed
nawaraljaad@gmail.com

8. Course Objectives

1. Ensure excellent academic performance and overall development of students in practical and theoretical patient care.
2. Motivate students to be self-motivated with the attributes of critical thinking, judgment and leadership aspect
3. Apply innovative teaching strategies with high technology that enhances the learning outcomes of students
4. Participate in preparing students who possess skills within appropriate ethical boundaries.

9. Teaching and Learning Strategies

Strategy	The educational strategy is planning the collaborative concept. Brainstorming educational strategy. Education strategy: a series of notes.
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10. Course Structure

Week	Hours	Required Learning Outcomes	Unit or subject name	Learning method
The First.	4 Theory 12 Practical	the student will be able to understand what mental health nursing is, how the adult team is formed in the hospital, and the nursing process adopted to provide nursing care.	Introduction to Psychiatric and Mental Health Nursing	Delivering the lecture using audio-visual aids.
Second	4 Theory 12 Practical	Understand the goals and structure of the therapeutic relationship between the patient and the nurse to ensure a successful therapeutic relationship, and how to communicate with patients.	The Therapeutic Relationship between Nurse and Patient and How to Communicate	Delivering the lecture using audio-visual aids.
Third	4 Theory 12 Practical	Understand the theories of mental health nursing and their history.	Mental Health Nursing Theories	Delivering the lecture using audio-visual aids.
Fourth	4 Theory 12 Practical	Understand the types and levels of anxiety and how to provide optimal nursing care.	Anxiety	Delivering the lecture using audio-visual aids.
Fifth	4 Theory 12 Practical	Recognizing shocks, their types, how to avoid them, and how to provide nursing care	Stress-related trauma disorders	Delivering the lecture using audio-visual aids.

Sixth	First Midterm Exam			
Seventh	4 Theory 12 Practical	Understanding mood disorders, their types, how to avoid them, and how to provide nursing care	Mood	Delivering the lecture using audio-visual aids.
Eighth	4 Theory 12 Practical	Understanding schizophrenia and how to provide nursing care	Schizophrenia	Delivering the lecture using audio-visual aids.
Ninth	4 Theory 12 Practical	Understanding drugs, their types, how to avoid them, and how to provide nursing care	Disorders Substance	Delivering the lecture using audio-visual aids.
Tenth	4 Theory 12 Practical	Understanding drugs, their types, how to avoid them, and how to provide nursing care	Abuse and Related Disorders	Delivering the lecture using audio-visual aids.
Eleventh	4 Theory 12 Practical	Understanding disorders, their causes, how to avoid them, and how to provide nursing care	Neurocognitive Disorders	Delivering the lecture using audio-visual aids.

11. Course Evaluation

The distribution is as follows: 20 points for the midterm theoretical exam and student activities, 20 points for the final practical exam, and 40 points for the final theoretical exam.

12. Learning and Teaching Resources

* Required textbooks (curriculum books, if any)

Main references (sources)

- Nursing: Mental Health and Community Concepts
- Mental Health is a Verb:
A Pocket Guide to Mental Health for Nursing Students

Recommended books and references (scientific journals, reports...)

- Open Textbook Library:
- Abnormal Psychology:
- The Psychology of Addiction

Electronic References, Websites

<https://scholar.google.com/>

Course Description Form

1. Course Name:					
Community Health Nursing					
2. Course Code:					
NUR401					
3. Semester / Year:					
Semester					
4. Description Preparation Date:					
1/9/2025					
5. Available Attendance Forms:					
Theoretical, practical, and online attendance					
6. Number of Credit Hours (Total) / Number of Units (Total)					
15 weeks (3 theoretical, 12 practical)/ (7 unit)					
7. Course administrator's name (mention all, if more than one name)					
Name: Ahmed Mahmood Younes , Mohammed Fadel Adwan Email: ahmedm.younes@tu.edu.iq m.fhdhel.a0300@tu.edu.iq					
8. Course Objectives					
Course Objectives	<ol style="list-style-type: none"> 1. Students learn about the history and development of community health nursing in general. 2. Students learn about the importance of the role of the community health nurse's role in maintaining public health for individual, group and society. 3. Students learn about the basic concepts of community health nursing. 4. Students learn about the factors that affect community health. 5. Students learn about primary health care and its components. 6. Students learn about basic health services 7. Students learn about communicable diseases and how to prevent them. 				
9. Teaching and Learning Strategies					
Strategy	<ol style="list-style-type: none"> 1. Use the direct discussion method. 2. Using modern methods related to education. 3. Adopting the weekly lecture method. 4. Adopting the group discussion method. 5. Adopting the method of discussion circles. 6. Adopting the clinical training method. 				
10. Course Structure					
Week	Hours	Required Learning Outcomes	Unit or subject name	Learning method	Evaluation method

1	15	Understand the basic principles of community health nursing.	Introduction to Community Health Nursing	The white board, posters, lectures, electronic.	Theoretical exam, practical exam, class activities
2	15	Understand and apply basic levels of prevention to avoid health problems	Dimensions of community health nursing	The white board, posters, lectures, electronic.	Theoretical exam, practical exam, class activities
3	15	Understanding and identifying the health problems that society from	Community assessment	The white board, posters, lectures, electronic.	Theoretical exam, practical exam, class activities
4	15	Understand and apply the principles of primary care to all age groups in society	Primary health care	The white board, posters, lectures, electronic.	Theoretical exam, practical exam, class activities
5	15	Fully Understand and apply health care services on an individual and family basis	Family health services	The white board, posters, lectures, electronic.	Theoretical exam, practical exam, class activities
6	15	Understanding and applying health services related to mothers and children	Maternal and child health	The white board, posters, lectures, electronic.	Theoretical exam, practical exam, class activities
7	15	Exam	Exam		
8	15	Understand and apply basic and emergency health care services in schools	School health services	The white board, posters, lectures, electronic.	Theoretical exam, practical exam, class activities
9	15	Understand and apply preventive and safety procedures in the workplace	Occupational Health	The white board, posters, lectures, electronic.	Theoretical exam, practical exam, class activities
10	15	Understand and apply home visit procedures and apply them during	Home Visit	The white board, posters, lectures, electronic.	Theoretical exam, practical exam, class activities

		the visit			
11	15	Understand and apply health care related services	Home Health Care Services	The white board, posters, lectures, electronic.	Theoretical exam, practical exam, class activities
12	15	Understand and apply environmental risk preventive measures	Environmental Health and Safety	The white board, posters, lectures, electronic.	Theoretical exam, practical exam, class activities
13	15	Understand and apply health promotion, epidemiological, problem solving and scientific fact based approaches	Approaches of Community Health Nursing	The white board, posters, lectures, electronic.	Theoretical exam, practical exam, class activities
14	15	Exam	Exam		
15	15	Exam	Exam		

11. Course Evaluation					
1. Approval of daily, monthly and quarterly tests.					
2. Conducting short surprise exams.					
3. Requesting the submission of periodic reports.					
12. Learning and Teaching Resources					
Required textbooks (curricular books, if any)					
Main references (sources)					
Recommended books and references (scientific journals, reports...)					
Electronic References, Websites					

Nies, M. A. & McEwen. Community health nursing, promoting the health of population. 2019. Seven edition.

Nies, M. A. & McEwen. Community health nursing , promoting the health of population. 2015. 6th edition.

Hunt, R. introduction to community-based nursing. 2009. 4th edition.

Allender, J.A., Rector, C., & Warner, K.D. community & public health Nursing, promoting the public's health. 2014, 8th edition.

Allender, J.A., Rector, C., & Warner, K.D. community health Nursing, promoting & protecting the public's health. 2010, 7th edition.

Clark M.J. population and community health nursing. 2015. 6th edition.

Course Description Form

1. Course Name:	
Epidemiology	
2. Course Code: EPI4103	
EPI4103	
3. Semester / Year:	
2025	
4. Description Preparation Date:	
1-11-2025	
5. Available Attendance Forms:	
Seminar	
6. Number of Credit Hours (Total) / Number of Units (Total)	
60 hours /30 week in two term	
7. Course administrator's name (mention all, if more than one name)	
Name:Ranyia Shaker Mahmood Email: dr.ranyia. sh@tu.edu.iq	
8. Course Objectives	
<p>Course Objectives</p> <p>1-apply the epidemiology model and use the natural history of health condition for the community health benefits.</p> <p>2-Identify the epidemiology studies for the purpose of designing and evaluating control strategies and provision of health care services</p> <p>3-Identify type of diseases their causes chain of infection strategies of identification and control</p>	<p>.....</p> <ul style="list-style-type: none"> • •
9. Teaching and Learning Strategies	
Strategy	<p>1-evidence based lectures using interactive presentation to explain core concepts statistical formulas and the history of disease outbreaks</p> <p>2-case based learning analyzing real worldm health scenarios and past pandemice to develop cirtical thinking and outbreak investigation skills.</p> <p>3- problem based learning solving practical exercises focused on calculation health indicators and interpreting data form epidemiological studies.</p>
10. Course Structure	

Week	Hours	Required Learning Outcomes	Unit or subject name	Learning method	Evaluation method
1	2	Understanding what epidemiology and risk	Introduction to epidemiology	Lecture Discussion Problem Solving Seminar	Daily exam And performance evaluation
2	2	When did the history of epidemiology in health begin and Knowleg level of prevention of diseases	Natural History of Health and Level of diseases prevention	Lecture Discussion Problem Solving Seminar	Daily exam And performance evaluation
3	2	Knwaleg epidemiology of communicable diseases	Epidemiology of communicable diseases viral hemorrhagic fever anthrax	Lecture Discussion Problem Solving Seminar	Daily exam And performance evaluation
4	2	Knwaleg epidemiology of non-communicable diseases	Epidemiology of Non communicable disease	Lecture Discussion Problem Solving Seminar	Daily exam And performance evaluation
5	2	Understanding strategies of diseases	Strategies for identifying diseases	Lecture Discussion Problem Solving Seminar	Daily exam And performance evaluation
6	2	Understanding strategies of control diseases	Strategies of diseases control of communicable and non communicable	Lecture Discussion Problem Solving Seminar	Daily exam And performance evaluation
7	2	EXAM			

8	2	Knowlge Professional and ethical consideration in Epidemiology	Professional and ethical consideration in Epidemiology	Lecture Discussion Problem Solving Seminar	Daily exam And performance evaluation
9	2	Studies of experimental and non experimental in epidemiology	Epidemiology studies experimental studies –non-expermntal studies	Lecture Discussion Problem Solving Seminar	Daily exam And performance evaluation
10	2	knowlge statistics descriptive statistics Analytical Statistics	Epidemiology and statistics descriptive statistics Analytical Statistics	Lecture Discussion Problem Solving Seminar	Daily exam And performance evaluation
11	2	Understanding Rate in epidemiology prevelance and incidence rate mortality and morbidity rate	Rate in epidemiology prevelance and incidence rate mortality and morbidity rate	Lecture Discussion Problem Solving Seminar	Daily exam And performance evaluation
12	2	Understanding Environmental and occupational Epidemiology	Environmental and occupational Epidemiology environment and health-exposure and dose dose effect relationship risk assessment and risk	Lecture Discussion Problem Solving Seminar	Daily exam And performance evaluation
13	2	Understanding Epidemiology of Nutritionp	Part 12: Epidemiology of Nutrition Epidemiology of Accidents and Injuries 12.1. Nutritional Epidemiology 12.2. Introduction 12.2. Goal and Objectives 12.3. Components of Nutritional	Lecture Discussion Problem Solving Seminar	Daily exam And performance evaluation

			<p>Epidemiology 12.4. World-wide nutritional diseases -12.5. Assessment of Nutritional Status -12.6. Nutritional Assessment 12.7. Control Measures 12.8. Epidemiology of Accidents and Injuries 12.9. Introduction 12.10. Epidemiology of Injuries 12.11. Types of Injuries</p>		
14	2	<p>effective Communication: Presenting ideas clearly. * Critical Thinking: Demonstrating deep subject knowledge. * Visual Design: Using slides effectively. * Time Management: Organizing content within a limit. * Professionalism: Engaging with the audience formally.</p>	<p>Projects presentation</p>	<p>Lecture Discussion Problem Solving Seminar</p>	<p>Daily exam And performance evaluation</p>
15	2	<p>Final exam</p>		<p>Lecture Discussion Problem Solving Seminar</p>	<p>Daily exam And performance Evaluation</p>

11. Course Evaluation					
100 dgree from Midterm 25 cuse 5 final					
exam70					
12. Learning and Teaching Resources					
Required textbooks (curricular books, if any)					
Main references (sources)					R.Bonita ,R,Beaglehok ,and T.Kjllstrom (2006)
Recommended books and references (scientific journals, reports...)					Basic Epidemiology second Editton 4 Celentano ,D,D.,& Szklo,M.(2019). Gordis Epidemiology (6th ed.)
Electronic References, Websites					philadephia, PA:Elsevir World Health organization.(2024) Epidemiology Retrieved from http://www.who .int/health topics epidemiology

Course Description of Biostatistics

1. Course Name:
Biostatistics
2. Course Code:
STA3105
3. Semester / Year:
First semester / Third stage
4. Description Preparation Date:
1/9/2025
5. Available Attendance Forms:
Attendance
6. Number of Credit Hours (Total) / Number of Units (Total)
30 hours (2 hours per week) Number of units / 2
7. Course administrator's name (mention all, if more than one name)
Name: Asst. Lecturer Nashwan Nassir Natah
8. Course Objectives
<p style="text-align: right;">.....</p> <p>A. Cognitive Objectives</p> <ul style="list-style-type: none"> • To give students a basic understanding of the fundamental principles of statistics and their application in conducting scientific research in the fields of nursing and medicine to achieve accurate scientific results. • To teach students how to address and solve problems using mathematical and statistical methods. • To familiarize students with different types of research and the appropriate statistical approaches. <p>B. Course-Specific Skills Objectives</p> <ul style="list-style-type: none"> • Applying knowledge in analyzing research results • Extracting results that align with the research objective • Using optimal statistics in data analysis <p>C. Affective and Value-Based Objectives</p> <ul style="list-style-type: none"> • Recognizing the importance of human beings and their health and well-being. • Nursing research that addresses human health.
9. Teaching and Learning Strategies

Strategy	<ul style="list-style-type: none"> • Through lectures using PowerPoint and the whiteboard • Continuous discussion through questions and answers within the classroom, encouraging students to think critically, learn independently, and engage with the subject matter
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10. Course Structure

Week	Hours	Required Learning Outcomes	Unit or subject name	Learning method	Evaluation method
First		Understanding basic statistical terminology and types of statistics Study objectives	Introduction to Statistics Definition of Biostatistics Objectives and Types of Statistics Statistical Methods (Descriptive and Inferential Statistics)	Theoretical lecture Using PowerPoint and the whiteboard to solve mathematical problems	Daily tests and homework
Second		Understanding data collection methods and types, distinguishing between a population and a sample, and understanding variables and their types.	Data collection methods Data sources Population, sample, and their types Variables and their types	Theoretical lecture Using PowerPoint and the whiteboard to solve mathematical problems	Daily tests and homework
third		How to learn data tabulation and represent it using tables Frequency distributions as well as Learning how to find percentages and learning how to construct groups and cumulative frequencies Ascending and descending	Steps for creating frequency distribution tables and representing data within them.	Theoretical lecture Using PowerPoint and the whiteboard to solve mathematical problems	Daily tests and homework
Forth		Learn how to represent statistical parameters graphically using mathematical formulas.	Graph	Theoretical lecture Using PowerPoint and the whiteboard to solve mathematical problems	Daily tests and homework
Fifth		Data representation and analysis Statistically, using measures of central tendency	Measures of central tendency and their definition	Theoretical lecture Using PowerPoint and the whiteboard to solve mathematical problems	Daily tests and homework
Six		Learn how to calculate	arithmetic mean	Theoretical lecture	Daily tests and

		statistical rates for both ungrouped and grouped data.		Using PowerPoint and the whiteboard to solve mathematical problems	homework
Seven		Learn how to find the most representative data.	The loom	Theoretical lecture Using PowerPoint and the whiteboard to solve mathematical problems	Daily tests and homework
Eight	First semester exam				
nine		Learn how to find the optimal sample that exhibits most of the desired characteristics	The mediator	Theoretical lecture Using PowerPoint and the whiteboard to solve mathematical problems	Daily tests and homework
Ten		Learn to describe and analyze data in a comprehensive way, and understand the extent of data dissemination and aggregation.	Measures of dispersion And their definition	Theoretical lecture Using PowerPoint and the whiteboard to solve mathematical problems	Daily tests and homework
Eleven		Identifying measures of dispersion To evaluate data distribution And determine the degree of dispersion Or the variance between them	range	Theoretical lecture Using PowerPoint and the whiteboard to solve mathematical problems	Daily tests and homework
Twelve		Understanding the scale of deviation and variance, which is defined as a measurement that gives an idea of the extent to which values are distributed around their mean.	Contrast	Theoretical lecture Using PowerPoint and the whiteboard to solve mathematical problems	Daily tests and homework
Thirteenth	Second semester exam				
fourteenth		The standard deviation gives an idea of how widespread the values are in a group; the larger the standard deviation, the more dispersed the data.	standard deviation	Theoretical lecture Using PowerPoint and the whiteboard to solve mathematical problems	Daily tests and homework
Fifteenth		Learn how to calculate correlation And learn how to calculate regression coefficients	Correlation and regression coefficient	Theoretical lecture Using PowerPoint and the whiteboard to solve mathematical problems	Daily tests and homework

Course Evaluation					
The grade is distributed out of 100 according to the tasks assigned to the student, such as daily preparation, daily and oral quizzes, the midterm exam, and homework. Homework (10%) Midterm exam (15%) Quiz and participation (5%) Final exam (70%)					
Learning and teaching resources					
Required textbooks (methodology, if applicable)		Title: Schaum's Outline Series Author: Dr. Murray R. Spiegel Publisher: McGraw-Hill Title: Population Statistics Author: Ziad Al-Rawi			
Main references (sources):		Computer Fundamentals and Office Applications (Part 1)			
Recommended supporting books and references (scientific journals, reports, etc.)		Title: Explanation of the SPSS Statistical Program Author: Tariq Al-Rawi			

11. Course Evaluation					
12. Learning and Teaching Resources					
Required textbooks (curricular books, if any)					
Main references (sources)					
Recommended books and references (scientific journals, reports...)					
Electronic References, Websites					