



معتمدة

وثيقة اعتماد توصيفات المقررات الدراسية للفرقة الاولى المبنية على الكفايات لمرحلة البكالوريوس للعام الجامعي ٢٠٢٦-٢٠٢

(طبقا للائحة الداخلية المحدثة) تم اعتمدها من مجلس الكلية جلسة رقم (١٨٠) بتاريخ ٢٠٢٥-٧-١٦

عميد الكلية

أ.د/ مروة مصطفى راغب ۴- درعوه معطف







كلية معتمدة

مواد الفرقة الاولى الفصل الدراسي الأول/الثاني (اللائحة الداخلية المحدثة)

الكود	المادة
	5 4.
	الفرقة الأول / الفصل الدراسي الأول
NUR111	١. أساسيات التمريض
MED111	۲. كيمياء حيوي
MED112	٣. تشریح
MED113	٤. فسيولوجي
SUP 111	٥. لغة انجليزية (١)
NUR112	٦. التقييم الصحي
	الفرقة الأول / الفصل الدراسي الثانى
NUR121	٧. تمريض باطني وجراحي (١)
MED121	٨. باثولوجي
MED122	٩. بار اسيتولوجي
MED123	١٠. ميکروبيولوجي
SUP 121	١١. أساسيات علم الاجتماع
SUP 122	١٢. لغة انجليزية (٢)



جامعة بته

معتمده

Course specification 2025/2026

أساسيات التمريض

Fundamental of nursing

Course code: NUR111

(لائحه قديمه)



BENHA UNIVERSITY

معتمده

Course Specification 2025

1. Basic Information

Course Title (according to the bylaw)	Fundamentals of Nursing اساسيات التمريض (نظري)										
Course Code (according to the bylaw)		NU	R 111								
Department/s participating in delivery of the course		Medical	surgical nursi	ng department							
Number of teaching bours/points of the course	Theoretical Practical Other (specify)										
Number of teaching hours/points of the course (according to the bylaw)	(4) hours	(12) hours		(16) hours							
Course Type	اجباري										
Academic level at which the course is taught	الفرقه / المستوي الاول										
Academic Program	Bach	nelor Degree	e in Nursing	Science							
Faculty/Institute		Nı	ursing								
University/Academy		В	enha								
Name of Course Coordinator		Dr / Neh	nal Mahmoud								
Course Specification Approval Date	1-7-2025										
Course Specification Approval (Attach the decision/minutes of the department /committee/council)		القسم احي يوليو ٢٠٢٥	<u>pdf.مجلس</u> يض الباطني الجرا	مجلس قسم التمر							

2. Course Overview (Brief summary of scientific content)

This course aims to provide under graduate student with skills related to the component of the nursing process for the fundamental actual practice, as well as to offer an opportunity to acquire basic nursing skills and ensure patient safety through laboratory training.

Course Learning Outcomes CLOs

Matrix of course learning outcomes CLOs with program outcomes POs (NARS/ARS)

	ogram Outcomes (NARS/ARS) rding to the matrix in the program specs)	Course Learning Outcomes Upon completion of the course, the student will be able to:						
Code	Text	Code	Text					
		1.1.2.1	Describe the ethical and professional values outlined in the national nursing code of ethics and professional conduct.					
1.1.2	Apply value statements in nurses' code of ethics and professional	1.1.2.2	Clarify the competencies of nursing activities with best evidence-based practice.					
1.1.2	conduct for ethical decision making	1.1.2.3	Explain how ethical principle from the nursing code of ethics guide nursing care for individuals across the health illness continuum					
		1.1.1.4	Discuss important components of nursing process.					
		1.1.3.1	Identify ethical and legal principles of patients' rights, autonomy and privacy in accordance with institutional policies during enema and bed bath procedure.					
1.1.3	Practice nursing in accordance with institutional/national legislations, policies and procedural guidelines considering	1.1.3.2	Compare local infection control legislations with international guidelines in term of hand hygiene policy					
	patient/client rights.	1.1.3.3	Demonstrate principles for proper personal hygiene according to policies and procedural guidelines considering patient right					
		1.1.3.4	Develop appropriate nursing care plan to maintain adequate patient's nutrition.					

	ogram Outcomes (NARS/ARS) ording to the matrix in the program specs)	Upon	Course Learning Outcomes completion of the course, the student will be able to:
Code	Text	Code	Text
411	Use different sources of data related to contemporary standards of	4.1.1.1	Identify technology tools and information systems used to enhance medication safety and reduce errors.
4.1.1	practice and patient car	4.1.1.2	Compare traditional manual lifting, moving method with evidence based contemporary handle strategies with maintain patient safety
	Apply communication technologies that support clinical decision	4.2.2.1	Implement technology in recording and reporting of various patients' information regarding samples and specimen collection skills.
4.2.2	making, care coordination, and protection of patients' rights.	4.2.2.2	Describe the role of clinical communication technologies (alert system) in supporting infection control and aseptic practices during vein puncture procedure.
	Apply technologies and information	4.2.3.1	Identify accurate use of electronic devices for measuring vital signs and blood glucose test in accordance with safety protocols
4.2.3	systems to support provision of safe nursing care practice to individuals, families, and	4.2.3.2	Apply information system to enhance decision making and patient care in oxygenation management
	communities.	4.2.3.3	Monitor height and weight levels by using modern technology devices to support provision of safe nursing care practice.
	Maintain inter-professional	5.1.1.1	Evaluate the impact of historical development on current nursing standards, competence and the professions role in achieving better patient outcomes.
5.1.1	collaboration, in a variety of settings to maximize health	5.1.1.2	Analyze barriers to inter professional collaboration in meeting basic human need and propose solutions to improve team effectiveness and patient outcome.
	outcomes for the patients, families and communities.	5.1.1.3	Describe normal fluid and electrolyte balance.
		5 .1.1.4	Explain methods of effective, accurate and safe communication using situation, background and assessment.
5.1.2	Function within behavioral norms related to the interdisciplinary communication and the health care organizations.	5.1.2.1	Explain how individual and cultural behavioral norms influence sleep patterns and rest behaviors across divers populations

3-Teaching and Learning Methods

- 1. Interactive Lecture
- 2. Blended learning
- 3. Electronic learning
- 4. Educational practice videos.
- 5. Practical / Failed training (Demonstration &re-demonstration)

5- Course Schedule

N. 1			Total	Expected number of the Learning Hours										
Number of the		Scientific content of the course (Course Topics)	Weekl	Theoretical	Training	Self-	Other							
Week		(Course Topics)	у	teaching (lectures/discussio	(Practical/ Clinical/	learning (Tasks/	(to be determined)							
			Hours	nn groups/))	Assignment	determined)							
				ini groups,)		s)								
	•	Historical evolution of	4	4										
		professional nursing practice	hours	hours										
1		and responsibilities.												
	•	hand hygiene	12		12									
			hours		hours									
2	•	The nurses' role in health	4	4										
		quality and patient safety	hours	hours										
	•	Body mechanics	12		12									
			hours		hours									
3	•	Nursing research and	4	4										
		evidence base practice ethical	hours	hours										
		and legal issues												
	•	Moving, lifting and	12		12									
		positioning patients	hours		hours									
4	•	Health and illness	4	4										
			hours	hours										

		Total	Expected	l number of th	e Learning Hou	ırs
Number of the Week	Scientific content of the course (Course Topics)	Weekl y Hours	Theoretical teaching (lectures/discussio nn groups/)	Training (Practical/ Clinical/)	Self- learning (Tasks/ Assignment s)	Other (to be determined)
	Bed making	12 hours		12 hours		
5	Basic human needs	4 hours	4 hours	10.1		
	• Bathing, oral, nail & hair care	12 hours		12 hours		
6	• Nursing process (nursing assessment).	4 hours	4 hours			
	• Vital signs (T, Resp.)	12 hours		12 hours		
7	• Vital signs.	4 hours	4 hours	10.1		
	• Vital signs (P& BP.)	12 hours		12 hours		
8	Medications administration.	4 hours	4 hours			
	 Medications administrations (Oral& IM Injections). 	12 hours		12 hours		
9	• Communication, documentations and informatics	4 hours	4 hours			
	• Medications administrations (Iv, SC,ID.).	12 hours		12 hours		
10	Asepsis and infection control	4 hours	4 hour s	_		
	Vein puncture	12 hours				

		Total	Expected	l number of th	e Learning Hou	ırs
Number of the Week	Scientific content of the course (Course Topics)	Weekl y Hours	Theoretical teaching (lectures/discussio nn groups/)	Training (Practical/ Clinical/)	Self- learning (Tasks/ Assignment s)	Other (to be determined)
11	 Health assessment, physical 	4	4			
	and diagnostic examinations	hours	hours			
	• Vein puncture	12 hours		12 hours		
12	Oxygenation.	2	2			
	, ,	hours	hours			
	Urinary and bowel	2	2			
	elimination	hours	hours			
	 Height and weight and 	12		12		
	anthropometric measurement	hours		hours		
13	Fluid and electrolytes	4	4			
	balance.	hours	hours			
		12		12 hours		
	• Enema	hours				
14	Mobility, activities and	2	2			
	exercise.	hours	hours			
	• Nutrition.	2	2			
		hours	hours			
	• Samples and specimen	12		12		
	collection (Urine, stool, and sputum).	hours		hours		
15	Personal hygiene.	2	2			
		hours	hours			
	 Rest and sleep 	2	2			
		hours	hours			
	• Blood glucose investigation	12		12		
		hours		hours		

Methods of students' assessment

No.	Assessment Methods *	Assessment Timing (Week Number)	Marks/ Scores	Percentage of total course Marks
1	Semester works	periodical	60	30 %
2	Final practical exam.	14th week	10	5 %
3	Final oral exam.	15 th week	10	5 %
	Final written (electronic) exam.	16 th week	120	60%

4. Learning Resources and Supportive Facilities *

	The main (essential) reference for the course (must be written in full according to the scientific documentation method)	Taha.S.A (2024): Electronic handout (C.D) for Fundamentals of Nursing, 1st year, Faculty of Nursing, Benha University.
Learning resources (books,	Other References	Wilkinson, J.M., and Treas, L.S. 2024): Fundamentals of Nursing - Volume 2: 0Thinking, Doing, and Caring, 4th (ed.). F.A Davis co, USA
scientific references, etc.) *	Electronic Sources (Links must be added)	http:// www.enursing.com
etc.)	Learning Platforms (Links must be added)	http://e-book1.bu.edu.eg.
	Other (to be mentioned)	
Supportive	Devices/Instruments	Data show / Fundamental nursing skill labs
facilities &	Supplies	White board / manikin for fundamentals skills
equipment	Electronic Programs	-Microsoft team
for teaching	Skill Labs/ Simulators	
and	Virtual Labs	****
learning *	Other (to be mentioned)	*****

Name and Signature

dr. Petral plat moud

1/7/2.25

Name and Signature Program Coordinator

Dr Hebborba Sobh 1/7/2025





		Subjects	M	ethods	of tea	chin	g and	l learni	ng	Me	thods	of tra	inin	g	
Domain/ Competency	Key elements	Objectives	Interactive lecture	Brain storming	Problem-based learning	Self-learning	E-learning	Blended Learning	Project based learning	Performance Based Training	Case study	Role playing	OSCE Simulation	Virtual reality	Practical/Field Training
Domain No. 1: Professional and ethical practice 1. 1 Demonstrate	1.1.2 Apply value statements in nurses' code	1.1.2.1 Describe the ethical and professional values outlined in the national nursing code of ethics and professional conduct.	*				*	*		*					*
knowledge, understanding, responsibility and accountability of the legal obligations for ethical nursing practice	of ethics and professional conduct for ethical decision making	1.1.2.2 Clarify the competencies of nursing activities with best evidence-based practice.	*				*	*		*					*





		Subjects	M	ethods	of tea	chin	g and	l learni	ng	Me	thods	of tra	inin	g	
Domain/ Competency	Key elements	Objectives	Interactive lecture	Brain storming	Problem-based learning	Self-learning	E-learning	Blended Learning	Project based learning	Performance Based Training	Case study	Role playing	OSCE Simulation	Virtual reality	Practical/Field Training
		1.1.2.3 Explain how ethical principle from the nursing code (respect, autonomy) of ethics guide nursing care for individuals across the health illness continuum	*				*	*		*					*
		1.1.2.4 Discuss important components of nursing processes.	*				*	*		*					*





		Subjects	M	ethods	of tea	chin	g and	learni	ng	Met	thods	of tra	inin	3	
Domain/ Competency	Key elements Objective	Objectives	Interactive lecture	Brain storming	Problem-based learning	Self-learning	E-learning	Blended Learning	Project based learning	Performance Based Training	Case study	Role playing	OSCE Simulation	Virtual reality	Practical/Field Training
	1.1.3 Practice nursing in accordance with institutional/natio nal legislations,	1.1.3.1 Identify ethical and legal principles of patients' rights autonomy and privacy in accordance with institutional policies during enema and bed bath procedure					*	*		*					*
	guidelines	1.1.3.2 Compare local infection control legislation with international guidelines in term of hand hygiene policy		1	-		*	*		*		-			*





		Subjects	M	ethods	of tea	chin	g and	l learni	ng	Met	thods	of tra	inin	g S	
Domain/ Competency	Key elements	Objectives	Interactive lecture	Brain storming	Problem-based learning	Self-learning	E-learning	Blended Learning	Project based learning	Performance Based Training	Case study	Role playing	OSCE Simulation	Virtual reality	Practical/Field Training
	rights	1.1.3.3 Demonstrate principles for proper personal hygiene according to policies and procedural guidelines considering patient right 1.1.3.4 Develop appropriate nursing care plan to maintain adequate patient's nutrition.	*				*	*		*					*





		Subjects	M	ethods	of tea	chin	g and	l learni	ng	Met	thods	of tra	inin	g	
Domain/ Competency	Key elements	Objectives	Interactive lecture	Brain storming	Problem-based learning	Self-learning	E-learning	Blended Learning	Project based learning	Performance Based Training	Case study	Role playing	OSCE Simulation	Virtual reality	Practical/Field Training
Domain 4: informatics and technology 4.1 Competency Utilize information and technology to underpin	4.1.1 Use different sources of data related to contemporary standards of	4.1.1.1 Identify technology tools and information systems used to enhance medication safety and reduce errors	*				*	*		*					*
health care delivery, communicate, manage knowledge and support decision	practice and patient car	4.1.1.2 Compare traditional manual lifting, moving method with evidence based contemporary handle strategies with maintain patient safety	*				*	*		*					*





		Subjects	M	ethods	of tea	ichin	g and	l learni	ng	Me	thods	of tra	inin	g	
Domain/ Competency	Key elements	Objectives	Interactive lecture	Brain storming	Problem-based learning	Self-learning	E-learning	Blended Learning	Project based learning	Performance Based Training	Case study	Role playing	OSCE Simulation	Virtual reality	Practical/Field Training
making for patient care.	4.2.2 Apply communication technologies that support clinical	4.2.2.1 Implement technology in recording and reporting of various patients' information regarding samples and specimen collection skills.	*		1		*	*		*					*
		4.2.2.2 Describe the role of clinical communication technologies (alert system) in supporting infection control and aseptic practices during vein puncture procedure.			1		*	*		*					*





		Subjects	M	ethods	of tea	chin	g and	l learni	ng	Met	thods	of tra	inin	g	
Domain/ Competency	Key elements	Objectives	Interactive lecture	Brain storming	Problem-based learning	Self-learning	E-learning	Blended Learning	Project based learning	Performance Based Training	Case study	Role playing	OSCE Simulation	Virtual reality	Practical/Field Training
	information systems to support provision of safe	4.2.3.1 Identify accurate use of electronic devices for measuring vital signs and blood glucose test in accordance with safety protocols	*				*	*		*					*
	families, and	4.2.3.2 Apply information system to enhance decision making and patient care in oxygenation management	*				*	*		*					*





		Subjects	M	ethods	of tea	chin	g and	l learni	ng	Me	thods	of tra	inin	g	
Domain/ Competency	Key elements	Objectives	Interactive lecture	Brain storming	Problem-based learning	Self-learning	E-learning	Blended Learning	Project based learning	Performance Based Training	Case study	Role playing	OSCE Simulation	Virtual reality	Practical/Field Training
		4.2.3.3 Monitor height and weight levels by using modern technology devices to support provision of safe nursing care practice.					*	*		*				-	*





		Subjects	M	ethods	of tea	chin	ıg and	learni	ng	Met	hods	of tra	inin	J	
Domain/ Competency	Key elements	Objectives	Interactive lecture	Brain storming	Problem-based learning	Self-learning	E-learning	Blended Learning	Project based learning	Performance Based Training	Case study	Role playing	OSCE Simulation	Virtual reality	Practical/Field Training
Domain 5: Interprofessional communication. 5.1 Collaborate with colleagues and members of the health care team to facilitate and coordinate care provided for individuals, families and communities.	5.1.1 maintain inter-professional collaboration, in a variety of settings	5.1.1.1. Evaluate the impact of historical development on current nursing standards, competence and the professions role in achieving better patient outcomes.					*	*		*					*





		Subjects	M	ethods	of tea	chin	ıg and	learni	ng	Met	hods	of tra	inin	or S	
Domain/ Competency	Key elements	Objectives	Interactive lecture	Brain storming	Problem-based learning	Self-learning	E-learning	Blended Learning	Project based learning	Performance Based Training	Case study	Role playing	OSCE Simulation	Virtual reality	Practical/Field Training
		5.1.1.2 Analyze barriers to inter professional collaboration in meeting basic human need and propose solutions to improve team effectiveness and patient outcome. 5.1.1.3 Describe normal fluid and electrolyte balance.					*	*		*		*			*





Course name: Fundamentals of Nursing Academic year 2025/2026

Code: NURIII First year / 1ST semester

		Subjects	M	lethods	of to	achir	ıg an	d learn	ing	Me	thods	of tr	ainin	ıg	
Domain/ Competency	Key elements	Objectives	Interactive lecture	Brain	Problem-based learning	Self-learning	E-learning	Blended	Project based learning	Performance Based Training	Case study	Role playing	OSCE Simulation	Virtual reality	Practical/Field Training
		5.1.14 Explain methods of effective, accurate and safe communication using situation, background and assessment.	•	***			*	•		•		***			•
		5.1.2.1 Explain how individual and cultural behavioral norms influence sleep patterns and rest behaviors across divers' populations.	*		*		*	٠				****			•

Name and Signature

dr-Nehal Mahmoud

Name and Signature

Dr. Hahbonha Jobhy





Matrix between subject's objectives and methods of evaluation

Course name: Fundamentals of Nursing

Academic year 2025/2026

First year / 1STsemester

Code: NUR111

Domain	Key element	Subjects Objectives	N	1etho	d of E	valuati	ion
Competency			Periodic exams (semester work)	midterm exams	Oral exams	Clinical exams	Written exam (Electronic)
Domain No. 1: Professional and ethical practice	1.1.2 Apply value statements in nurses' code of ethics and professional	1.1.2.1 Describe the ethical and professional values outlined in the national nursing code of ethics and professional conduct.	*	*	*	*	*
Competence 1. 1 Demonstrate knowledge, understanding,	conduct for ethical decision making	1.1.2.2 Clarify the competencies of nursing activities with best evidence-based practice.	*	*	*	*	*
responsibility and accountability of the legal obligations for ethical		1.1.2.3 Explain how ethical principle from the nursing code (respect, autonomy) of ethics guide nursing care for individuals across the health illness continuum	*	*	*	*	*
nursing practice.		1.1.2.4 Discuss important components of nursing process.	*	*	*	*	*
	1.1.3 Practice nursing in accordance with institutional/national	1.1.3.1 Identify ethical and legal principles of patients' rights autonomy and privacy in accordance with institutional policies during enema and bed bath procedure.	*	*	*	*	ж





Domain	Key element	Subjects Objectives	N	lethoo	d of E	valuati	ion
Competency			Periodic exams (semester work)	midterm exams	Oral exams	Clinical exams	Written exam (Electronic)
	legislations, policies and procedural guidelines considering patient/client rights	1.1.3.2 Compare local infection control legislation with international guidelines in term of hand hygiene policy	*	*	*	*	*
	lights	1.1.3.3 Demonstrate principles for proper personal hygiene according to policies and procedural guidelines considering patient right	*	*	*	*	*
		1.1.3.4 Develop appropriate nursing care plan to maintain adequate patient's nutrition.	*	*	*	*	*
Domain 4: informatics and technology 4.1 Competency Utilize information and technology to underpin	4.1.1 Use different sources of data related to contemporary standards of practice and patient car	4.1.1.1 Identify technology tools and information systems used to enhance medication safety and reduce errors.	*	*	*	*	*
health care delivery,communicate, manage knowledge and		4.1.1.2 Compare traditional manual lifting, moving method with evidence based contemporary handle strategies with maintain patient safety	*	*	*	*	*
support decision making for patient care.	4.2.2 Apply communication technologies that support clinical decision making, care	4.2.2.1 Implement technology in recording and reporting of various patients' information regarding Samples and specimen collection skills.	*	*	*	*	*





Domain	Key element	Subjects Objectives	N	1ethoo	d of E	valuati	on
Competency			Periodic exams (semester work)	midterm exams	Oral exams	Clinical exams	Written exam (Electronic)
	coordination, and protection of patients' rights.	4.2.2.2 Describe the role of clinical communication technologies (alert system) in supporting infection control and aseptic practices during vein puncture procedure	*	*	*	*	*
	4.2.3 Apply technologies and information systems to support provision of safe nursing care	4.2.3.1 Identify accurate use of electronic devices for measuring vital signs and blood glucose test in accordance with safety protocols	*	*	*	*	*
	practice to individuals, families, and communities.	4.2.3.2 Apply information system to enhance decision making and patient care in oxygenation management	*	*	*	*	*
Domain 5: Interprofessional communication.	5.1.1 Maintain inter professional collaboration, in a variety of settings to maximize health outcomes for	5.1.1.1. Evaluate the impact of historical development on current nursing standards, competence and the professions role in achieving better patient outcomes.	*	*	*	*	*
5.1 Collaborate with colleagues and members of the health care team to	the patients, families and communities.	5.1.1.2 Analyze barriers to inter professional collaboration in meeting basic human need and propose solutions to improve team effectiveness and patient outcome.	*	*	*	*	*





Domain Competency	Key element	Subjects Objectives	1	vietho	d of E	valua	tion
			Periodic exams (semester work)	midterm exams	Oral exams	Clinical exams	Written exam (Electronic)
facilitate and coordinate care provided for		5.1.1.3 Describe normal fluid and electrolyte balance.	(#)	*	*	:#	*
individuals, families and communities.		5.1.14 Explain methods of effective, accurate and safe communication using situation, background and assessment.	•	*	•	*	*
	5.1.2 Function within behavioral norms related to the interdisciplinary communication and the health care organizations.	5.1.2.1 Explain how individual and cultural behavioral norms influence sleep patterns and rest behaviors across divers populations.	•		*	•	•

Name and Signature Course Coordinatorr

dr. Nehal Mahmoud

Name and Signature
Program Coordinator
Ot. Hehbouba Solohy
114/2025



أه وتمدة



Course Specification 2025/2026

کیمیاء حیوی Biochemistry Course code: MED111

(لائحه قديمه)





Course Specification (2025)

1. Basic Information

				کیمیاء ح						
Course Title (according to the bylaw)	Biochem	nistry	_							
Course Code (according to the bylaw)	MED111									
Department/s participating in delivery of the course	Biochemistry Department Faculty o Medicine Benha University									
Number of teaching hours/points of the course	Theoretical	Practical	Other (specify)	Total						
(according to the bylaw)	(2) hours	(1) hour	-	(3) hours						
Course Type		باري	اجا							
Academic level at which the course is taught	الفرقة/المستوى الأول									
Academic Program	Bachelor I	Degree in N	Nursing Sc	ience						
Faculty/Institute	Nursing									
University/Academy	Benha									
Name of Course Coordinator	Dr. Neama I	El sayed Abo	d El Masood							
Course Specification Approval Date	1/7/2025									
Course Specification Approval (Attach the decision/minutes of the department /committee/council)	<u>pd.مجلس القسم</u> وليو 2025		تمريض الباط	مجلس قسم						

2. Course Overview (Brief summary of scientific content)

The course aims to equip undergraduate students with basic knowledge and skills related to basics of biochemistry of carbohydrates, fats, proteins and vitamins.

3. Course Learning Outcomes CLOs

Matrix of course learning outcomes CLOs with program outcomes POs (NARS/ARS)

	ogram Outcomes (NARS/ARS) ling to the matrix in the program specs)	Upon con	Course Learning Outcomes appletion of the course, the student will be able to:					
Code	Text	Code	Text					
		2.1.2.1	Enumerate types of samples of body fluids and sample container used in the laboratory, and those that are needed for each investigation.					
		2.1.2.2	Assess safety requirements of the area in which they are carrying out the laboratory activities.					
		2.1.2.3	List risks and hazards associated with the preparation of specimens/ samples.					
		2.1.2.4	Compare between components of different body fluids.					
2.1.2	Provide holistic nursing care that addresses the needs of individuals, families and communities across the life span.	2.1.2.5	Explain the role of lipids in energy production, cell structure, and hormone synthesis throughout the human lifespan.					
		2.1.2.6	Relate lipid metabolism to nutritional requirements and lifestyle factors for individuals, families, and communities.					
		Analyze the role of proteins i tissue repair, enzyme function, an responses across the lifespan.						
		2.1.2.8	Classify the components of nutrients and its impact on health to address the needs of individuals, families and communities.					
		2.1.2.9	Recognize how to relate communication skills to provide holistic care for patients suffering from vitamins deficiency.					
3.1.2	Plan and implement change conducive to the improvement of	Discuss the importance of correct identification, and any unique organization or laboratory numbers.						
	health care provision.	3.1.2.2	Apply chemical tests to detect abnormal constitutes of the urine.					

	ogram Outcomes (NARS/ARS) ding to the matrix in the program specs)	Upon cor	Course Learning Outcomes mpletion of the course, the student will be able to:
Code	Text	Code	Text
		3.1.2.3	Illustrate updated and evidence-based knowledge related to chemistry and metabolism of carbohydrates into practice.
		3.1.2.4	Implement best evidence-based practices to manage actual or potential health problems during review the survival needs of the body.
		3.1.2.5	Integrate knowledge of vitamins and minerals into healthcare interventions aimed at preventing nutritional disorders.
		4.1.1.1	Demonstrate standardized protocols and guidelines during dealing with different body
			specimen.
		4.1.1.2	Discuss the standard techniques for storing biomedical specimens and samples.
		4.1.1.3	Utilize different new trends in biochemistry for providing evidence nursing.
	Use different sources of data related	4.1.1.4	Use aseptic technique during collection of different specimens.
4.1.1	to contemporary standards of	4.1.1.5	Interpret test report outcomes.
	practice and patient care.	4.1.1.6	Integrate evidence-based data into nursing care
			plans to optimize patient outcomes in cases involving metabolic and bioenergetic imbalances.
		4.1.1.7	Use credible scientific sources (e.g., peer-reviewed articles, clinical guidelines, biochemical databases) to update knowledge on metabolic disorders and energy balance.
		4.1.1.8	Utilize different methods of sterilization and disinfection.

4. Teaching and Learning Methods

- 1. Interactive lectures.
- 2. Blended Learning.
- 3. E-learning.

Course Schedule

			Expected	number of the	e Learning Ho	urs
Number of the Week	Scientific content of the course (Course Topics)	Total Weekly Hours	Theoretical teaching (lectures/discussio n groups/)	Training (Practical/Clin ical/)	Self- learning (Tasks/ Assignments/ Projects/)	Other (to be determined)
1	Nutrition Basics	3hours	2 hours	1 hour	-	-
2	Metabolism &bioenergetics	3hours	2 hours	1 hour	•	-
3	Metabolism &bioenergetics	3hours	2 hours	1 hour	•	-
4	Chemistry & Metabolism of carbohydrates	3hours	2 hours	1 hour		
5	Chemistry & Metabolism of carbohydrates	3hours	2 hours	1 hour	-	-
6	Chemistry & Metabolism of lipids	3hours	2 hours	1 hour	-	-
7	Chemistry & Metabolism of lipids	3hours	2 hours	1 hour	-	-
8	Chemistry & Metabolism of proteins	3hours	2 hours	1 hour	-	-
9	Chemistry & Metabolism of proteins	3hours	2 hours	1 hour		-
10	Vitamins & minerals	3hours	2 hours	1 hour	-	-
11	Vitamins & minerals	3hours	2 hours	1 hour	-	-
12	Enzyme chemistry	3hours	2 hours	1 hour	-	-
13	Enzyme chemistry	3hours	2 hours	1 hour	•	-
14	Body fluids	3hours	2 hours	1 hour	-	-
15	Body fluids	3hours	2 hours	1 hour	-	-

5. Methods of students' assessment

No.	Assessment Methods *	Assessment	Marks/	Percentage
		Timing	Scores	of
		(Week Number)		total course Marks
1	Final Clinical Exam	14 th week	10	10%
2	Final Oral Exam	15 th week	10	10%
3	Final Electronic Written Exam	16 th week	80	80%

6. Learning Resources and Supportive Facilities *

Learning resources	The main (essential) reference for the course (must be written in full according to the scientific documentation method)	Abdelmaksoud, N. (2024): Electronic handouts (C.D) for biochemistry, Faculty of medicine, Benha university. Ahern, Rajagopal & Tan., (2024): Biochemistry free for all Version 1.3, 25-618. Additional J. (2024). Biochemistry Made Easy: An easy-to-read guide on the foundations of biochemistry, ISBN-1.
(books, scientific	Other References	_
references, etc.) *	Electronic Sources (Links must be added)	https://www.britannica.com/science/biochemistry/Areas- of-study http://www.medicine.com www.WHO.Org
	Learning Platforms (Links must be added)	https://ebook1.bu.edu.eg
	Other (to be mentioned)	6 we r
Supportive	Devices/Instruments	Data show
facilities &	Supplies	****
equipment	Electronic Programs	Microsoft team
for	Skill Labs/ Simulators	
teaching and	Virtual Labs	
learning *	Other (to be mentioned)	

Name and Signature Course Coordinator

1-7-2025

Name and Signature Program Coordinator

1-7-2025



Matrix between subjects objectives and teaching and learning methods Course name: Biochemistry Code: MED111



Academic year :2025/2026 First year, 1st Semester

		Me	thods o	f teach	ing ar	nd leai	rning		Me	thods o	f trai	ning	
Key elements	Subjects Objectives	Interactive lecture	Brain storming	Problem-based learning	Self-learning	E-learning	Blended Learning	Practical/Field Training	Virtual reality	OSCE Simulation	Role playing	Case study	Performance Based Training
holistic nursing care that addresses the needs of individuals,	of body fluids and sample container used in the laboratory, and those that are needed for each investigation. 2.1.2.2 Assess safety requirements of the area in which they are	*	-	-	-	*	*	-	-	-	-	-	-
communities across the life span.	activities. 2.1.2.3 List risks and hazards		-	-	-	*	*	-	-	-	-	-	-
	components of different body fluids. 2.1.2.5 Explain the role of lipids in energy production, cell structure,	*	-	-	-	*	*	-	-	-	-	-	-
	2.1.2. Provide holistic nursing care that addresses the needs of individuals, families and communities across the life	2.1.2. Provide holistic nursing care that addresses the needs of individuals, families and communities across the life span. 2.1.2.1 Enumerate types of samples of body fluids and sample container used in the laboratory, and those that are needed for each investigation. 2.1.2.2 Assess safety requirements of the area in which they are carrying out the laboratory activities. 2.1.2.3 List risks and hazards associated with the preparation of specimens/ samples. 2.1.2.4 Compare between components of different body fluids. 2.1.2.5 Explain the role of lipids in energy production, cell structure,	2.1.2. Provide holistic nursing care that addresses the needs of individuals, families across the life span. Example 1 2.1.2. Provide holistic nursing care that addresses the needs of individuals, families and communities across the life span. Subjects Objectives 2.1.2.1 Enumerate types of samples of body fluids and sample container used in the laboratory, and those that are needed for each investigation. 2.1.2.2 Assess safety requirements of the area in which they are carrying out the laboratory activities. 2.1.2.3 List risks and hazards associated with the preparation of specimens/ samples. 2.1.2.4 Compare between components of different body fluids. 2.1.2.5 Explain the role of lipids in energy production, cell structure, and hormone synthesis throughout	Subjects Objectives 2.1.2. Provide holistic nursing care that addresses the needs of individuals, families and communities across the life span. Subjects Objectives 2.1.2.1 Enumerate types of samples of body fluids and sample container used in the laboratory, and those that are needed for each investigation. 2.1.2.2 Assess safety requirements of the area in which they are carrying out the laboratory activities. 2.1.2.3 List risks and hazards associated with the preparation of specimens/ samples. 2.1.2.4 Compare between components of different body fluids. 2.1.2.5 Explain the role of lipids in energy production, cell structure, and hormone synthesis throughout	Subjects Objectives 2.1.2.1 Enumerate types of samples of body fluids and sample container used in the laboratory, and those that are needed for each investigation. 2.1.2.2 Assess safety requirements of the area in which they are carrying out the laboratory activities. 2.1.2.3 List risks and hazards associated with the preparation of specimens/ samples. 2.1.2.4 Compare between components of different body fluids. 2.1.2.5 Explain the role of lipids in energy production, cell structure, and hormone synthesis throughout 2.1.2.1 Enumerate types of samples *	Subjects Objectives Subjects Objects	Subjects Objectives Subjects Objectives	2.1.2. Provide holistic nursing care that addresses the needs of individuals, families and communities across the life span. 2.1.2.1 Enumerate types of samples of body fluids and sample container used in the laboratory, and those that are needed for each investigation. 2.1.2.2 Assess safety requirements of the area in which they are carrying out the laboratory activities. 2.1.2.3 List risks and hazards associated with the preparation of specimens/ samples. 2.1.2.4 Compare between components of different body fluids. 2.1.2.5 Explain the role of lipids in energy production, cell structure, and hormone synthesis throughout	Subjects Objectives Objec	Subjects Objectives 2.1.2.1 Enumerate types of samples of body fluids and sample container used in the laboratory, and those that are needed for each individuals, families and communities across the life span. 2.1.2.2 Assess safety requirements of the area in which they are carrying out the laboratory activities. 2.1.2.3 List risks and hazards associated with the preparation of specimens/ samples. 2.1.2.4 Compare between components of different body fluids. 2.1.2.5 Explain the role of lipids in energy production, cell structure, and hormone synthesis throughout 2.1.2.5 Explain the role of lipids in energy production, cell structure, and hormone synthesis throughout 2.1.2.6 Explain the role of lipids in energy production, cell structure, and hormone synthesis throughout 2.1.2.6 Explain the role of lipids in energy production, cell structure, and hormone synthesis throughout 2.1.2.6 Explain the role of lipids in energy production, cell structure, and hormone synthesis throughout 2.1.2.6 Explain the role of lipids in energy production, cell structure, and hormone synthesis throughout 2.1.2.6 Explain the role of lipids in energy production, cell structure, and hormone synthesis throughout 2.1.2.6 Explain the role of lipids in energy production, cell structure, and hormone synthesis throughout 2.1.2.6 Explain the role of lipids in energy production, cell structure, and hormone synthesis throughout 2.1.2.6 Explain the role of lipids in energy production, cell structure, and hormone synthesis throughout 2.1.2.6 Explain the role of lipids in energy production, cell structure, and hormone synthesis throughout 2.1.2.6 Explain the role of lipids in energy production, cell structure, and hormone synthesis throughout 2.1.2.6 Explain the role of lipids in energy production, cell structure, and hormone synthesis throughout 2.1.2.6 Explain the role of lipids in energy production 2.1.2.6 Explain the role of lipids in energy production 2.1.2.6 Explain the role of lipids in energy product	Subjects Objectives 2.1.2. Provide holistic nursing care that addresses the needs of individuals, families across the life span. Subjects Objectives 2.1.2.1 Enumerate types of samples of body fluids and sample container used in the laboratory, and those that are needed for each investigation. 2.1.2.2 Assess safety requirements of the area in which they are carrying out the laboratory activities. 2.1.2.3 List risks and hazards associated with the preparation of specimens/ samples. 2.1.2.4 Compare between components of different body fluids. 2.1.2.5 Explain the role of lipids in energy production, cell structure, and hormone synthesis throughout	Subjects Objectives Subjects Objectives Objectives Objectives Subjects Objectives Objectives Objectives Objectives Objectives Objectives Objectives Objectives Application of body fluids and sample container used in the laboratory, and those that are needed for each investigation. 2.1.2.2 Assess safety requirements of the area in which they are carrying out the laboratory activities. 2.1.2.3 List risks and hazards associated with the preparation of specimens/ samples. 2.1.2.4 Compare between components of different body fluids. 2.1.2.5 Explain the role of lipids in energy production, cell structure, and hormone synthesis throughout	Subjects Objectives 2.1.2. Provide holistic nursing care that addresses the needs of individuals, families and communities across the life span. Different span. Subjects Objectives April 1



Matrix between subjects objectives and teaching and learning methods Course name: Biochemistry Code: MED111



Academic year :2025/2026 First year, 1st Semester

			Meth	ods o	f teac	hing a	nd lea	arning		Metl	nods o	f trai	ning	
Domain/ Competency	Key elements	Subjects Objectives	Interactive lecture	Brain	Problem-based	Self-learning	E-learning	Blended Learning	Practical/Field Training	Virtual reality	OSCE Simulation	Role playing	Case study	Performance Based Training
DOMAIN 2- HOLISTIC PATIENT-	2.1.2. Provide holistic nursing care that addresses the	factors for individuals, families, and communities.	*	-	-	-	*	*	-	-	-	-	-	-
CENTERED CARE 2-1-	needs of individuals, families and	2.1.2.7 Analyze the role of proteins in growth, tissue repair, enzyme function, and immune responses across the lifespan.	*	-	-	-	*	*	-	-	-	-	-	-
COMPETENCY Provide holistic and evidence-based		2.1.2.8 Classify the components of nutrients and its impact on health to address the needs of individuals, families and communities.	*	-	-	-	*	*	ı	-	1	1	-	-
nursing care in different practice settings.		2.1.2.9 Recognize how to relate communication skills to provide holistic care for patients suffering from vitamins deficiency.	*	-	-	-	*	*	-	-	-	-	-	-



Matrix between subjects objectives and teaching and learning methods name: Biochemistry Code: MED111



Course name: Biochemistry
Academic year :2025/2026

Code: MED111
First year, 1st Semester

			Meth	ods of	teachi	ng ar	nd lea	rning		Meth	ods of t	train	ing	
Domain/ Competency	Key elements	Subjects Objectives	Interactive lecture	Brain storming	Problem-based learning	Self-learning	E-learning	Blended Learning	Practical/Field Training	Virtual reality	OSCE Simulation	Role playing	Case study	Performance Based Training
<u>DOMAIN 3-</u> <u>MANAGING</u> PEOPLE, WORK	3.1.2. Plan and implement change	3.1.2.1 Discuss the importance of correct identification, and any unique organization or laboratory numbers.	*	-	-	-	*	*	-	-	-	-	-	-
ENVIRONMENT AND QUALITY	conducive to the	3.1.2.2 Apply chemical tests to detect abnormal constitutes of the urine.	*	-	-	-	*	*	-	-	-	-	-	-
3-1- COMPETENCY Demonstrate	improvement of health care provision.	3.1.2.3 Illustrate updated and evidence-based knowledge related to chemistry and metabolism of carbohydrates into practice.	*	-	-	-	*	*	-	-	-	-	-	-
effective managerial and leadership skills in the provision		3.1.2.4 Implement best evidence-based practices to manage actual or potential health problems during review the survival needs of the body.	*	1	-	•	*	*	-	-	-	-	1	-
of quality nursing care.		3.1.2.5 Integrate knowledge of vitamins and minerals into healthcare interventions aimed at preventing nutritional disorders.	*	-	-	-	*	*	-	-	-	-	-	-



Matrix between subjects objectives and teaching and learning methods Course name: Biochemistry Code: MED111



Academic year :2025/2026 First year, 1st Semester

			Meth	ods of	teachir	ng an	d lea	rning		Meth	ods o	f trai	ning	
Domain/ Competency	Key elements	Subjects Objectives	Interactive lecture	Brain storming	Problem-based learning	Self-learning	E-learning	Blended Learning	Practical/Field Training	Virtual reality	OSCE Simulation	Role playing	Case study	Performance Based Training
	4.1.1. Use	4.1.1.1 Demonstrate standardized protocols and guidelines during dealing with different body specimen.	*	-	-	-	*	*	-	-	-	-	-	-
AND TECHNOLOGY 4-1- COMPETENCY Utilize information and different sources of data related to contemporary standards of practice and	4.1.1.2 Discuss the standard techniques forstoring biomedical specimens and samples.		-	-	-	*	*	-	-	-	-	-	-	
	standards of	4.1.1.3 Utilize different new trends in biochemistry for providing evidence nursing.	*	-	-	-	*	*	-	-	-	-	-	-
underpin health	patient care.	4.1.1.4 Use aseptic technique during collection of different specimens.	*	-	-	-	*	*	-	-	-	-	-	-
care delivery, communicate,		4.1.1.5 Interpret test report outcomes.	*	-	-	-	*	*	1	-	-	-	-	-
manage knowledge and support decision for patient care.		4.1.1.6 Integrate evidence-based data into nursing care plans to optimize patient outcomes in cases involving metabolic and bioenergetic imbalances.	*	-	1	-	*	*	-	-	-	-	-	-



Matrix between subjects objectives and teaching and learning methods Course name: Biochemistry

Code: MED111

First year, 1st Semester



		Subjects Objectives	Methods of teaching and learning							Methods of training							
Domain/ Competency	Key elements		Interactive	lecture	Brain	- 1	Problem-based	learning	Self-learning	E-learning	Blended Learning	Practical/Field	I raining Virtual reality	OSCE Simulation	Role playing	Case study	Performance Based Training
	different sources of data related to	4.1.1.7 Use credible scientific sources (e.g., peer-reviewed articles, clinical guidelines, biochemical databases) to update knowledge on metabolic disorders and energy balance.	*	•	*		-		•	*	*	-	-	=	-	-	-
	contemporary standards of practice and patient care.	4.1.1.8 Utilize different methods of sterilization and disinfection.	*	•			-		-	*	*	-	-	-	-	-	-

Name and Signature Course Coordinator

Academic year :2025/2026

Dr. Neamar Elsayed Abd El Nasoad 1-7-2025

Name and Signature Program Coordinator

Dr. Kahboulsa Sabhy 1/4/2025



Matrix between subjects objectives and methods of evaluation Course name: Biochemistry Academic year: 2025/2026 Code: MED111 First year, 1st Semester



Domainدد	Key	Subjects Objectives	Meth	od o	f ev	valu	ation
Competency	elements		Semester Works	Mid-term exams	Oral exams	Clinical exams	Final Written exam(electronic)
	2.1.2. Provide holistic	2.1.2.1 Enumerate types of samples of body fluids and sample container used in the laboratory, and those that are needed for each investigation.	-	-	*	*	*
PATIENT-	nursing care that addresses	2.1.2.2 Assess safety requirements of the area in which they are carrying out the laboratory activities.	-	-	*	*	*
CARE	the needs of	2.1.2.3 List risks and hazards associated with the preparation of specimens/ samples.	1	-	*	*	*
	individuals, families and	2.1.2.4 Compare between components of different body fluids.	1	1	*	*	*
	communities across the life	2.1.2.5 Explain the role of lipids in energy production, cell structure, and hormone synthesis throughout the human lifespan.	-	1	*	*	*
based nursing care in different	span.	2.1.2.6 Relate lipid metabolism to nutritional requirements and lifestyle factors for individuals, families, and communities.	-		*	*	*
practice settings.		2.1.2.7 Analyze the role of proteins in growth, tissue repair, enzyme function, and immune responses across the lifespan.	-	-	*	*	*
		2.1.2.8 Classify the components of nutrients and its impact on health to address the needs of individuals, families and communities.	-	-	*	*	*
		2.1.2.9 Recognize how to relate the Communication skills with patients with a respect for different values, cultures during interpretation of enzyme reports to provide holistic care.	-	-	*	*	*



Matrix between subjects objectives and methods of evaluation Course name: Biochemistry Academic year: 2025/2026 Code: MED111 First year, 1st Semester



Domain	Key elements	Subjects Objectives		Met	hod of evalu	ation	
Competency			Semester Works	Mid-term exams	Oral exams	Clinical exams	Final Written exam(electronic)
MANAGING	3.1.2. Plan and implement change conducive to the		-	-	*	*	*
ENVIRONMENT	improvement of health care	3.1.2.2 Apply chemical tests to detect abnormal constitutes of the urine.	-	-	*	*	*
	provision.	3.1.2.3 Illustrate updated and evidence-based knowledge related to chemistry and metabolism of carbohydrates into practice.	-	-	*	*	*
effective managerial and leadership skills in		3.1.2.4 Implement best evidence-based practices to manage actual or potential health problems during review the survival needs of the body.	-	-	*	*	*
the provision of quality nursing care.		3.1.2.5 Integrate knowledge of vitamins and minerals into healthcare interventions aimed at preventing nutritional disorders.	-	-	*	*	*



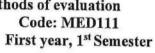
Matrix between subjects objectives and methods of evaluation Course name: Biochemistry Code: MED111 Academic year: 2025/2026 First year, 1st Semester



Domain	Key elements	Subjects Objectives	I	Metho	d of ev	aluation	n
Competency			Semester Works	Mid-term exams	Oral exams	Clinical exams	Final Written exam(electronic)
INFORMATICS AND	4.1.1. Use different sources of data related	4.1.1.1 Demonstrate standardized protocols and guidelines during dealing with different body specimen.	-	-	*	*	*
TECHNOLOGY	to contemporary standards of practice	4.1.1.2 Discuss the standard techniques for storing biomedical specimens and samples.	-	-	*	*	*
COMPETENCY Utilize	and patient care.	4.1.1.3 Utilize different new trends in biochemistry for providing evidence nursing.	-	-	*	*	*
information and		4.1.1.4 Use aseptic technique during collection of different specimens.	-	-	*	*	*
technology to underpin health		4.1.1.5 Interpret test report outcomes	-	-	*	*	*
care delivery, communicate, manage		4.1.1.6 Integrate evidence-based data into nursing care plans to optimize patient outcomes in cases involving metabolic and bioenergetic imbalances.	-	-	*	*	*
knowledge and support decision making for patient care.		4.1.1.7 Use credible scientific sources (e.g., peer-reviewed articles, clinical guidelines, biochemical databases) to update knowledge on metabolic disorders and energy balance.	-	-	*	*	*



Course name: Biochemistry Academic year: 2025/2026





Domain	Key elements	Key elements Subjects Objectives			Method of evaluation						
Competency	a.	8 6	Semester Works	Mid-term exams	Oral exams	Clinical exams	Final Written exam(electronic)				
		4.1.1.8 Utilize different methods of sterilization and disinfection.	-	-	*	*	*				

Name and Signature **Course Coordinator**

Dr. Neama El Sayed Abd El Masood 1-7-2025

Name and Signature **Program Coordinator**

Oh Habbandon Sobhus 1/4/2028





المعتمدة

Course Specification 2025/2026

تشريح

Anatomy
Course code: MED112

(لائحة قديمة)





Course Specification (2025)

1. Basic Information

Course Title (according to the bylaw)	Anatomy		تشري					
Course Code (according to the bylaw)	MED112							
Department/s participating in delivery of the course	Anatomy Department Faculty of Medicine Benha University							
Number of teaching hours/points of the course	Theoretical	Practical	Other (specify)	Total				
(according to the bylaw)	2 hours	1 hour		3 hours				
Course Type	اجباري							
Academic level at which the course is taught	الفرقة/المستوي الاول							
Academic Program	Bachelor I	Degree in N	Nursing Sc	ience				
Faculty/Institute	Nursing							
University/Academy	Benha							
Name of Course Coordinator	Dr/ Amal Ghonemy							
Course Specification Approval Date		1/7/2	025					
Course Specification Approval (Attach the decision/minutes of the department /committee/council)	pdf.مجلس القسم راحی یولیو ۲۰۲۵		مجلس قسم التمر					





2. Course Overview (Brief summary of scientific content)

The course aims to equip undergraduate students with basic knowledge and skills related to anatomy of various body systems and organs

3. Course Learning Outcomes (ILOS)

Matrix of course learning outcomes CLOs with program outcomes POs (NARS/ARS)

Program Ou	itcomes (NARS/ARS)	Course I	Learning Outcomes
_	the matrix in the program		npletion of the course, the student
specs)	o the matrix in the program	should be	• • · · · · · · · · · · · · · · · · · ·
Code	Text	Code	Text
4.1.1	Use different sources of data related to	4.1.1.1	Identify basic principles of anatomy related to contemporary standards of patient care.
	contemporary standards of practice and patient care.	4.1.1.2	Describe directional terms, anatomical position, and body planes to locate organs and structures in the human body
		4.1.1.3	Explain the normal anatomical
			structures on radiographs and
		ultrasonography, C.T. scan and	
		nuclear magnetic	
			resonance images.
	4.	4.1.1.4	Describe the basic anatomical
			positions of human body
		4.1.1.5	Utilize different source of data related to patient care suffering from nervous system diseases.
		4.1.1.6	Illustrate the anatomical
			structure of the mammary
			glands
		4.1.1.7	Discuss normal structure and
			function of digestive system.
		4.1.1.8	Apply anatomical range of movement of different body





	joints
4.1.1.9	Classify different muscular
	system,
	Skeletal, Cardiac and smooth.
4.1.1.10	Classify different muscular
	system,
	Skeletal, Cardiac and smooth
	muscles .
4.1.1.11	Describe structure of respiratory and cardiovascular systems
4.1.1.12	Describe anatomical structure of
	endocrine system.
4.1.1.13	Differentiate between genital
	anatomical structure of male and female.

4. Teaching and Learning Methods

- Interactive lectures
- Blended learning
- E learning
- Laboratory training (Anatomy skill lab)

Course Weekly Schedule

Week	Course Content (Topics)	Total	The ex	xpected nun	nber of learning h	nours
No.		Weekly	Theoretical	Practical	Self-Learning	Other
		Hours	(Lectures/	/Clinical	(Assignments/	(Specify)
			Groups		Projects)	
			/Discussions)			
1	Introduction:	3 hours	2 hours	1 hour		
	- Terms of anatomical position					
	-Terms of direction					
	- Terms of movements					
2	Skeletal system:	3 hours	2 hours	1 hour		
	- Cartilage					
	- Bone					





3	Joints:	3 hours	2 hours	1 hour	
	- Functional				
	- Structural				
4	Muscular system:	3 hours	2 hours	1 hour	
	-Skeletal				
	- Cardiac				
	-Smooth				
5	Nervous system:	3 hours	2 hours	1 hour	
	-Neuron				
	-Parts of the nervous system				
6	Cardio-vascular system:Heart	3 hours	2 hours	1 hour	
	-Parts of circulation				
	-Blood vessels				
	-Lymphatic system				
7	Cardio-vascular system:Heart	3 hours	2 hours	1 hour	
	-Parts of circulation				
	-Blood vessels				
	-Lymphatic system				
8	Respiratory system.	3 hours	2 hours	1 hour	
9	Digestive system:	3 hours	2 hours	1 hour	
10		3 hours	2 hours	1 hour	
	- Male genital system				
11	Female genital	3 hours	2 hours	1 hour	
12	Endocrine Glands	3 hours	2 hours	1 hour	
13	Endocrine Glands	3 hours	2 hours	1 hour	
14	Mammary Glands	3 hours	2 hours	1 hour	
15	Mammary Glands	3 hours	2 hours	1 hour	

5. Student Assessment Methods:

No.	Assessment Methods	Expected Timing (Week No.)	Marks/ Scores	Percentage of Total Grade
1	Final practical exam	14th week	10	10%
2	Final oral exam	16th week	10	10%
3	Final written exam. (electronic)	16th week	80	80%





6. Learning Resources and Support Facilities

Learning resources (books, scientific references,	The main (essential) reference for the course (must be written in full according to the scientific documentation method)	Ghonemy, A. (2024): Electronic book (CD) of Anatomy, Faculty of Medicine, Benha University. Ellis, H. and Mahadevan, V. (2024): Clinical Anatomy, 14th edition, John Wely & sons, United Kingdom. Carr, K. and Feit, M. (2024): Functional Training Anatomy, Versa Press, United States.
etc.) *	Other References	- 5,
4	Electronic Sources (Links must be added)	http://www.getbodysmart.com http://www.innerbody.com
	Learning Platforms (Links must be added)	https://ebook1.bu.edu.eg
200	Other (to be mentioned)	
C	Devices/Instruments	Detection.
Supportive facilities &		Data show
THE RESIDENCE OF THE PERSON OF	Supplies	White board
equipment	Electronic Programs	Microsoft team
for teaching	Skill Labs/ Simulators	Anatomy skill lab (bones)
and	Virtual Labs	-
learning *	Other (to be mentioned)	

Name and Signature Course Coordinator

Dr. Amar

Name and Signature program Coordinator

Dr. Mahboul 1-7-2025







Course name: Anatomy Code: MED112

Academic year :2025/2026 First year /First semester

Domain/ competency	Key elements			Metho	ods of tea	ching	and	learni	ng	Methods of training					
		Subjects Objectives	Interactive lecture	Brain storming	Problem- based learning	Self- learning	E-learning	Blended Learning	Project based learning	Performanc e Based Training	Case study	Role playing	OSCE Simulation	Virtual reality	Laboratory training
Domain (4) Informatics and Technology 4.1Competency Utilize information and	4.1.1 Use different sources of data related to contempor ary	4.1.1.1 Identify basic principles of anatomy related to contemporary standards of patient care	*				*	*							*
technology to underpin health care delivery ,communication manage knowledge and support decision making for patient care	standards of practice and patient care.	4.1.1.2 Describe directional terms, anatomical position, and body planes to locate organs and structures in the human body	*				*	*							*







Domain/ competency	Key eleme			Metho	ods of tea	ching	and	learni	ng		Me	ethods	of train	ing	
	nts	Subjects Objectives	Interactive lecture	Brain storming	Problem- based learning	Self- learning	E-learning	Blended Learning	Project based learning	Performanc e Based Training	Case study	Role playing	OSCE Simulation	Virtual reality	Laboratory training
		4.1.1.3 Explain the normal anatomical structures on radiographs and ultrasonography, C.T. scan and nuclear magnetic resonance images	*				*	*							*
		4.1.1.4 Describe the basic anatomical positions of human body	*				*	*							*
		4.1.1.5 Utilize different source of data related to patient care suffering from nervous system disease	*				*	*							*







Course name: Anatomy Code: MED112

Academic year :2025/2026 First year /First semester

Domain/ competency	Key eleme			Metho	ods of tea	ching	and	learni	ng		Me	ethods	of train	ing	
	nts	Subjects Objectives	Interactive lecture	Brain storming	Problem- based learning	Self- learning	E-learning	Blended Learning	Project based learning	Performanc e Based Training	Case study	Role playing	OSCE Simulation	Virtual reality	Laboratory training
		4.1.1.6 Illustrate the anatomical structure of the mammary glands	*				*	*							*
		4.1.1.7 Discuss normal structure and function of digestive system.	*				*	*							*
		4.1.1.8 Apply anatomical range of movement of different body joints.	*				*	*							*
		4.1.1.9 Classify different muscular system, Skeletal, Cardiac and smooth	*				*	*							*







Course name: Anatomy

Code: MED112

Academic year: 2025/2026

First year /First semester

Domain/ competency	Key eleme			Methods of teaching and learning						Methods of training					
	nts	Subjects Objectives	Interactive	Brain	Problem- based learning	Self- learning	E-learning	Blended	Project based learning	Performanc e Based Training	Case study	Role playing	OSCE	Virtual	Laboratory
		4.1.1.10 Classify different muscular system, Skeletal, Cardiac and smooth.	*				٠	*	X-1-	2-11-					*
		4.1.1.11 Describe structure of respiratory and cardiovascular systems	*		int.		*	*	-+-						•
		4.1.1.12 Describe anatomical structure of endocrine system.	*	Hen			*	*	ere :			***	-	***	•
		4.1.1.13 Differentiate between genital anatomical structure of male and female.	*				*	*) .		77				•

Name and Signature Course Coordinator

on Amal

1-7-2-25

Name and Signature Program Coordinator

Dr. Manbaba sabhy





	11c year 12023/2020			N			
Domain/ competency				Metho	oa oi Ev	valuation	n
competency	Key elements	Subjects Objectives	Periodic exams (Quizzes)	mid-term exam	Oral exams	Clinical exams	Final Written exam (Electronic)
Domain (4) Informatics and Technology 4.1Competency Utilize information	Use different sources of data related to contemporary standards of practice and patient care.	4.1.1.1 Identify basic principles of anatomy related to contemporary standards of patient care			*	*	*
and technology to underpin health care delivery ,communication		4.1.1.2 Describe directional terms, anatomical position, and body planes to locate organs and structures in the human body			*	*	*
manage knowledge and support decision making for patient care		4.1.1.3 Explain the normal anatomical structures on radiographs and ultrasonography, C.T. scan and nuclear magnetic resonance images			*	*	*





	Hie year 12023/2020			/ СШТ / Т ПТ 8								
Domain/				Metho	od of E	valuation	1					
competency	Key elements	Subjects Objectives	Periodic exams (Quizzes)	mid-term exam	Oral exams	Clinical exams	Final Written exam (Electronic)					
		4.1.1.4 Explain thenormal anatomical structures on radiographs and ultrasonography, C.T. scan and nuclear magnetic resonance images.			*	*	*					
		4.1.1.5 Utilize different source of data related to patient care suffering from nervous system disease			*	*	*					
		4.1.1.6 Illustrate the anatomical structure of the mammary glands			*	*	*					





	deine year .2023/2020			st year /1			
Domain/				Metho	od of E	valuation	1
competency	Key elements	Subjects Objectives	Periodic exams (Quizzes)	mid-term exam	Oral exams	Clinical exams	Final Written exam (Electronic)
		4.1.1.7 Discuss normal structure and function of digestive system.			*	*	*
		4.1.1.8 Apply anatomical range of movement of different body joints.			*	*	*
		4.1.1.9 Classify different muscular system, Skeletal, Cardiac and smooth			*	*	*





Course name: Anatomy Academic year: 2025/2026 Code:

MED112

First year /First semester

Domain/				Meth	od of I	Evaluatio	n
competency	Key elements	Subjects Objectives	Periodic exams (Quizzes)	mid-term exam	Oral exams	Clinical	Final Written exam (Electronic)
	and a material filter result for the offer the second state of the	4.1.1.10 Classify different muscular system, Skeletal, Cardiac and smooth.			*	*	*
		4.1.1.11 Describe structure of respiratoryand cardiovascular systems			*	*	*
		4.1.1.12 Describe anatomical structure of endocrine system.			*	*	*
		4.1.1.13 Differentiate between genital anatomical structure of male and female.			*	*	*

Name and Signature Course Coordinator

Dr. Amal

1-7- 2025

Name and Signature Program Coordinator

Dr. Mahbaba sabhy





المعتمدة

Course Specification 2025/2026

فسيولوجي

Physiology

Course code: MED 113

لائحة جديدة





Course Specification (2025)

1. Basic Information

Course Title (according to the bylaw)	Physiology			سيولوجي
Course Code (according to the bylaw)	MED 113			
Department/s participating in delivery of the course	Physiology Medicine, I	-	•	of of
Number of teaching hours/points of the course	Theoretical	Practical	Other (specify)	Total
(according to the bylaw)	(2) hours	-	-	(2) hours
Course Type		جباري	.)	
Academic level at which the course is taught	C	لمستوي الأول	الفرقة /ا	
Academic Program	Bachelor	Degree in	Nursing S	Science
Faculty/Institute	Nursing			
University/Academy	Benha			
Name of Course Coordinator	Dr.Noha Osma			
Course Specification Approval Date	1-7-2025			
Course Specification Approval (Attach the decision/minutes of the department /committee/council)	pd.مجلس القسم	ني الجراحي <u>f</u> و ٢٠٢٥	التمريض الباط يولي	مجلس قسم

2. Course Overview (Brief summary of scientific content)

This course aims to acquire undergraduate students with special information related to physiological functions regulating the human body and the natural relationship between the different body systems.

3. Course Learning Outcomes (ILOS)

Matrix of course learning outcomes CLOs with program outcomes POs (NARS/ARS)

	Program Outcomes (NARS/ARS)		Learning Outcomes
(accordi	ng to the matrix in the program	Upon co	mpletion of the course, the student should be able
specs)		to:	
Code	Text	Code	Text
2.1.2	Provide holistic nursing care that	2.1.2.1	Identify normal physiological functions of major body
	addresses the needs of individuals,		systems across different stages of the human lifespan.
	families and communities across the life span.	2.1.2.2	Explain the role of physiological processes in maintaining homeostasis and supporting individual health and wellbeing.
		2.1.2.3	Utilize appropriate physiological data to contribute to
			health promotion, disease prevention, and care across all
			life stages.
		2.1.2.4	Apply holistic nursing care for patient according body system function
		2.1.2.5	Identify physiological differences among individuals that may affect care planning for diverse populations
		2.1.2.6	Explain the structure and function of the central and peripheral nervous systems.
		2.1.2.7	Describe the physiology of the heart and blood vessels.
		2.1.2.8	Identify variations in cardiovascular function across the
			lifespan and apply this knowledge in planning holistic
			care.
		2.1.2.9	Explain the mechanics of breathing and gas exchange.
			Explain the process of digestion, absorption, and
			metabolism.
		2.1.2.11	Identify major endocrine glands and their hormone functions.

4. Teaching and Learning Methods

- 1. Interactive lecture.
- 2. Blended Learning.
- 3. Electronic learning.

Course Schedule

	Colombidia content of the course		Exped	ted number	of the Learni	ng Hours
Number of the Week	Scientific content of the course (Course Topics)	Total Weekly Hours	Theoretical teaching (lectures/disc ussio n groups/)	Training (Practical/ Cli nical/.)	Self- learning (Tasks/ Assignments / Projects/)	Other (to be determined)
1	Introduction to human physiology.	2 hours	2 hours	-	1	
2	Introduction to human physiology.	2 hours	2 hours			
3	The nervous system (central and autonomic).	2 hours	2 hours			
4	The nervous system (central and autonomic).	2 hours	2 hours			
5	The nervous system (central and autonomic).	2 hours	2 hours			
6	The endocrine system	2 hours	2 hours			
7	The endocrine system	2 hours	2 hours			
8	The endocrine system	2 hours	2 hours			
9	The cardiovascular system	2 hours	2 hours			
10	The cardiovascular system	2 hours	2 hours			
11	The respiratory system	2 hours	2 hours			
12	The respiratory system.	2 hours	2 hours			
13	The digestive system.	2 hours	2 hours			
14	The digestive system.	2 hours	2 hours			
15	The digestive system.	2 hours	2 hours			

5. Methods of students' assessment

No.	Assessment Methods *	Assessment Timing (Week Number)	Marks/ Scores	Percentage of total course Marks
1	Final oral exam	16 th week	20	20%
2	Final electronic written exam	16 th week	80	80%

6. Learning Resources and Supportive Facilities

Learning resources	The main (essential) reference for the course (must be written in full according to the scientific documentation method)	Arafat, W. (2025): Electronic handout (C.D) for physiology, 1st year, Faculty of Nursing, Benha University. Davies, J., (2024): Human Physiology: A Very Short Introduction, 1st ed, Oxford University Press, United Kingdom Elsevier, United states of America.
(books,	Other References	
scientific references, etc.) *	Electronic Sources (Links must be added)	https://teachmephysiology.com/ https://www.osmosis.org/ http://www.emedicine.com http://www.Cms.nelc.edu.eg. http://www E-learning.bu.edu.eg
	Learning Platforms (Links must be added)	https://ebook1.bu.edu.eq
	Other (to be mentioned)	
Supportive	Devices/Instruments	Data show
facilities &	Supplies	White board
equipment	Electronic Programs	Microsoft team
for teaching	Skill Labs/ Simulators	
and	Virtual Labs	
learning *	Other (to be mentioned)	-

Name and Signature Course Coordinator

Dr. Noha osama 1/7/2025 Name and Signature Program Coordinator

Dr. Mahbonba Sobhy



معتمدة



Matrix between subjects objectives and teaching and learning methods Physiology Code: MED 113

Course name: Physiology Academic year 2025/2026

First year/ 1st semester

					Aethods earning	of teac	hing a	nd			M	ethods o	of train	ing	
Domain Competency	Key elements	Subjects Objectives	Interactive lecture	Brain storming	Problem-based learning	Self-learning	E-learning	Blended Learning	Project based learning	Practical/Field Training	Virtual reality	OSCE Simulation	Role playing	Case study	Performance Based Training
Domain 2 Holistic Patient- Centered care 2-2 Provide holistic and	holistic nursing care that addresses the	2.1.2.1 Describe normal physiological functions of major body systems across different stages of the human lifespan.	*	-	-	1	*	*	-	-	-	-	1		
evidence-based nursing care in different practice settings.	individuals, families and communities across the life span.	2.1.2.2 Explain the role of physiological processes in maintaining homeostasis and supporting individual health and well-being	*	-	•	1	*	*	-	•	-	-	-		
		2.1.2.3 Utilize appropriate physiological data to contribute to health promotion, disease prevention, and care across all life stages.	*	-	-	-	*	*	-	-	-	-	-		



معتمدة



Matrix between subjects objectives and teaching and learning methods Course name: Physiology Code: MED 113

Aca

ourse name: Physiology	Code: MED 113
eademic year 2025/2026	First year/ 1 st semester

				N	1ethod	s of tea	ching and	d lear	ning		M	ethods (of train	ing	
Domain Competency	Key elements	Subjects Objectives	Interactive lecture	Brain storming	Problem-based learning	Self-learning	E-learning	Blended Learning	Project based learning	Practical/Field Training	Virtual reality	OSCE Simulation	Role playing	Case study	Performance Based Training
		2.1.2.4 Apply knowledge of body system functions to support evidence-based, holistic nursing assessments and interventions.	*			1	*	*	-	-		-	-	_	-
		2.1.2.5 Identify physiological differences among individuals that may affect care planning for diverse populations (e.g., gender, age, genetic variation).	*	-	-	-	*	*	-	-	-	-	-	-	-
		2.1.2.6 Explain the structure and function of the central and peripheral nervous systems.	*	-	-	-	*	*	-	-	-	ı	-	-	-



معتمدة



Matrix between subjects objectives and teaching and learning methods

Course name: Physiology Academic year 2025/2026 Code: MED 113 First year/ 1st semester

				N	Aethod	s of tea	aching and	d lear	ning		M	ethods o	of train	ing	
Domain Competency	Key elements	Subjects Objectives	Interactive lecture	Brain storming	Problem-based learning	Self-learning	E-learning	Blended Learning	Project based learning	Practical/Field Training	Virtual reality	OSCE Simulation	Role playing	Case study	Performance Based Training
•		2.1.2.7 Describe the physiology of the heart and blood vessels	*	-	-	-	*	-	-	-	-	-	-	-	-
		2.1.2.8Identify variations in cardiovascular function across the lifespan and apply this knowledge in planning holistic care.	*	-	-	-	*	-	-	-	-	-	1	-	-
		2.1.2.9Explain the mechanics of breathing and gas exchange.	*	-	-	-	*	-	-	-	-	-	1	_	-





Course name: Physiology Academic year 2025/2026

Code: MED 113 First year/ 1st semester

		Methods of teaching and learnin								t year/	year/ 1st semester Methods of training					
Domain Competency	Key elements	Subjects Objectives	Interactive lecture	Brain storming	Problem-based learning	Self-learning	E-learning	Blended Learning	Project based learning	Practical/Field Training	eality	OSCE Simulation	Role playing	ý	Performance Based Training	
	F	2.1.2.10Explain the process of digestion, absorption, and metabolism	ajt	-	-	-	*	ək	-	_	-	-	-			
		2.1.2.11Identify major endocrine glands and their hormone functions.	墩	*	-	-	承	*	-	-	-		•			

Name and Signature

Course coordinator:

DM/Noha asma

Name and Signature

Program Coordinator:

Dr. Mahbouba Sobhy



كلية التمريض FACULTY OF NURSIN(

المعتمد

Matrix between subjects objectives and methods of evaluation

Course name: Physiology Code: MED113

Academic year 2025/2026 First year/ 1st semester

Domain	Key element	Subjects Objectives	M	etho	d of e	valuat	ion
Competency			Periodic exams (semester	Clinical exams	Oral exams	mid-term Exam	Final written exam (Electronic)
Domain 2 Holistic Patient- Centered care	2.1.2 Provide holistic nursing care that	2.1.2.1 Identify normal physiological functions of major body systems across different stages of the human lifespan.	-	-	*	-	*
2-2 Provide holistic and evidence-	addresses the needs of individuals,	2.1.2.2 Explain the role of physiological processes in maintaining homeostasis and supporting individual health and well-being.	-	-	*	-	*
based nursing care in different practice settings.	families and communities across the life span.	2.1.2.3 Utilize appropriate physiological data to contribute to health promotion, disease prevention, and care across all life stages.	-	-	*	-	*
		2.1.2.4 Apply holistic nursing care for patient according body system function.	-	-	*	-	
		2.1.2.5 Identify physiological differences among individuals that may affect care planning for diverse populations .	-	-	*	-	*





المعتمد

Matrix between subjects objectives and methods of evaluation

Course name: Physiology Code: MED113

Academic year 2025/2026

First year/ 1st semester

Academic year 2025/2020 First year/ 1 Semester								
Domain	Key element	Subjects Objectives	M	etho	d of e	valuat	ion	
Competency			Periodic exams (semester	Clinical exams	Oral exams	mid-term Exam	Final written exam (Electronic)	
		2.1.2.6 Explain the structure and function of the central and peripheral nervous systems.	-	-	*	-	*	
		2.1.2.7 Describe the physiology of the heart and blood vessels.	-	-	*	-	*	
		2.1.2.8 Identify variations in cardiovascular function across the lifespan and apply this knowledge in planning holistic care.	-	-	*	-	*	
		2.1.2.9 Explain the mechanics of breathing and gas exchange.	-	-	*	-	*	
		2.1.2.10 Explain the process of digestion, absorption, and metabolism.	-	-	*	-	*	







Course name: Physiology

Code: MED113

Academic year 2025/2026

First year/ 1st semester

Domain	Key element	0.11	First year/ 1st semester							
Competency	ato, element	Subjects Objectives	Method of evaluation							
			Periodic exams (semester work)	Clinical exams	Oral exams	mid-term Exam	ten			
		2.1.2.11Identify major endocrine glands and their hormone functions.	-	-	.8	-	*			
Name	and Signature									

Course coordinator:

Dr/Noha oSama 1/7/2025

Name and Signature

Program Coordinator:

DriMahbouba Sobby



BENHA UNIVERSITY

المعتمدة

Course Specification 2025/2026

لغة إنجليزية (1)

English language I Course code: SUP111

(لائحة قديمة)





Course Specification (2025)

1. Basic Information

Course Title (according to the bylaw)	لغة إنجليزية (1) English language I						
Course Code (according to the bylaw)	SUP111						
Department/s participating in delivery of the course	Department of English Language/Faculty of Arts						
Number of teaching hours/points of the course (according	Theoretical	Practical	Other (specify)	Total			
to the bylaw)	(2) hours	-	-	(2) hours			
Course Type			اجباري				
Academic level at which the course is taught			الاول	الفرقة /المستوى			
Academic Program	Bachelor D	egree in N	ursing So	eience			
Faculty/Institute	Nursing						
University/Academy	Benha						
Name of Course Coordinator	Dr. Basant Samir						
Course Specification Approval Date	1-7-2025						
Course Specification Approval (Attach the decision/minutes of the department /committee/council)							

2. Course Overview (Brief summary of scientific content)

This course aims to equip undergraduate students with the basics of the English language to facilitate students' study.

3. Course Learning Outcomes (ILOS)

Matrix of course learning outcomes CLOs with program outcomes POs (NARS/ARS)

	Program Outcomes (NARS/ARS)		rning Outcomes					
(accordi	ng to the matrix in the program specs)	Upon compl	etion of the course, the student should be able					
		to:						
Code	Text	Code	Text					
2.2.1	Determine health related learning needs of patient/client within the	2.2.1.1	Use demonstrative and relative pronouns in different context.					
	context of culture, values and norms.	2.2.1.2	Utilize different dialogue related to responsibility and accountability of the role of nurse.					
		2.2.1.3	Identify international medical terminology related to common health situations.					
		2.2.1.4	Apply reading comprehensive sentences skills in different context.					
2.2.3	Participate in informal and formal methods of teaching that correspond to the health	2.2.3.1	Create phrases using the past and present simple tense while writing patients reports about past history.					
	of patient/client needs and abilities in different health care settings.	2.2.3.2	Explain phrases using the present continuous tense.					
		2.2.3.3	Demonstrate formal and informal methods of teaching using relative and reflexive pronouns.					
		2.2.3.4	Use English reading, speaking and writing skills during communicating with health team members in different health care setting.					

4. Teaching and Learning Methods

- 1. Interactive lecture.
- 2. Blended learning.
- 3. E-learning.

Course Schedule

	Cainatific content of the common		Expected number of the Learning Hours						
Number of the Week	Scientific content of the course (Course Topics)	Total Weekly Hours	Theoretical teaching (lectures/discussio n groups/)	Training (Practical/Cl i nical/)	Self- learning (Tasks/ Assignments / Projects/)	Other (to be determined)			
1	Reading comprehension sentences.	2hours	2 hours						
2	Reading comprehension sentences.	2hours	2 hours						
3	Dialogue practice.	2 hours	2 hours						
4	Dialogue practice.	2 hours	2 hours						
5	The past simple tense .	2 hours	2 hours						
6	The past simple tense.	2 hours	2 hours						
7	The present simple tense.	2 hours	2 hours						
8	The present simple tense.	2 hours	2 hours						
9	The present continuous tense.	2 hours	2 hours						
10	The present continuous tense.	2 hours	2 hours						
11	Demonstrative pronouns.	2 hours	2 hours						
12	Demonstrative pronouns.	2 hours	2 hours						
13	Relative pronouns.	2 hours	2 hours						
14	Relative pronouns.	2 hours	2 hours						
15	Reflexive pronouns.	2 hours	2 hours						

5. Methods of students' assessment

No.	Assessment Methods *	Assessment Timing (Week Number)	Marks/ Scores	Percentage of total course Marks
1	oral exam	15 th week	10	20%
2	Final Written Exam (electronic)	16 th week	40	80%

6. Learning Resources and Supportive Facilities

Learning resources (books, scientific references, etc.) *	The main (essential) reference for the course (must be written in full according to the scientific documentation method)	Samir, B. (2025): Electronic CD for English nurses, Faculty of Nursing, Benha University						
	Other References	Astuti, R. B. (2024): Tenses usage in Be Magic Moon Story Book. Journal Sosial Humaniora dan Pendidikan, 3(1), 56-62.						
	Electronic Sources (Links must be added)	https://www.allthingsgrammar.com/present- continuous. http://www.e learning.edu.eg.com. http://www.gingersoftware.com/content/grammar-rules/demonstrative-pronouns.						
	Learning Platforms (Links must be added)	https://ebook.bu.edu.eg.						
	Other (to be mentioned)							
Supportive	Devices/Instruments	Data show						
facilities &	Supplies	White board						
equipment	Electronic Programs	Microsoft team						
for teaching	Skill Labs/ Simulators							
and learning	Virtual Labs							
	Other (to be mentioned)							

Name and Signature

Course Coordinator Dr. Basent Samir 1-7-2-25

Name and Signature

Program Coordinator

D. Hahbauba Sabhy

1/4/2028



المعتمدة



Matrix between subjects objectives and teaching and learning methods

Course name: English (I) Code: SUP111

Academic year : 2025/2026 First year / 1st semester

	Key elements	Subject objectives	Methods of teaching and learning							Methods of training					
Domain/ competency			Interactive lecture	Brain storming	Problem- based learning	Self- learning	E-learning	Blended learning	Project based learning	Performance based training	Case study	Role playing	OSCE simulation	Virtual reality	Practical/Field Training
Domain No. 2:	2.2.1. Determine	2.2.1.1. Use	*	-	-	-	*	*	-	-	-	-	-	-	1
Holistic patients/	health related learning	demonstrative and													
clients care:	needs of patient/client	relative pronouns in													
2.2.Competence	within the context of	different context.													
Provide health	culture,	2.2.1.2. Utilize different	*	-	-	-	*	*	-	-	-	-	-	-	-
education based on	values and norms.	dialogue related to													
the needs/problems		responsibility and													
of the patient/client		accountability of the role													
within a		of nurse.													
nursing framework.															





Code: SUP111

Matrix between subjects objectives and teaching and learning methods

المعتمدة Course name: English (I)

Academic year : 2025/2026 First year / 1st semester

			Me	thod	s of tea	aching	g and l	earnir	ng		Metho	ods o	f train	ing	
Domain/ competency	Key elements	Subject objectives	Interactive lecture	Brain storming	Problem- based learning	Self- learning	E-learning	Blended learning	Project based learning	Performance based training	Case study	Role playing	OSCE simulation	Virtual reality	Practical/Field Training
		2.2.1.3. Identify	*	-	-	-	*	*	-	-	ı	-	-	ı	ı
		international medical													
		terminology related to													
		common health													
		situations.													
		2.2.1.4. Apply reading	*	-	-	-	*	*	-	-	-	-	-	-	-
		comprehensive sentences													
		skills in different context.													



المعتمدة



Matrix between subjects objectives and teaching and learning methods

Course name: English (I) Code: SUP111

Academic year : 2025/2026 First year / 1st semester

			Me	thod	ls of te	aching	g and l	learnir	ng		Meth	ods o	f trair	ing	
Domain/ competency	Key elements	Subject objectives	Interactive lecture	Brain storming	Problem- based learning	Self- learning	E-learning	Blended learning	Project based learning	Performance based training	Case study	Role playing	OSCE simulation	Virtual reality	Practical/Field Training
Domain No. 2:	2.2.3. Participate in	2.2.3.1. Create phrases	*	-	-	-	*	*	-	-	-	-	-	-	-
Holistic patients/	informal and formal	using the past and													
clients care:	methods of teaching	present simple tense													
2.2.Competence	that correspond to the	while writing patients													
Provide health	health	reports about past													
education based on	of patient/client needs	history.													
the needs/problems	and abilities in	2.2.3.2. Explain phrases	*	-	-	-	*	*	-	-	-	-	-	-	-
of the patient/client	different health care	using the present													
within a	settings.	continuous tense.													
nursing framework.															
		2.2.3.3. Demonstrate formal and informal methods of teaching using relative and reflexive pronouns.	*	_	-	-	*	*	-	-	-	-	-	-	-





المعتدة

Course name: English (I)

Code: SUP111

Academic year: 2025/2026

First year / 1st semester

			Me	ethod	ls of tea	aching	and	learnin	g		Meth	ods o	f trair	ing	ine is
Domain/ competency	Key elements	Subject objectives	Interactive	Brain storming	Problem- based learning	Self- learning	E-learning	Blended	Project based learning	Performance based training	Case study	Role playing	OSCE	Virtual reality	Practical/Field Training
		2.2.3.4. Use English reading ,speaking and writing skills during communicating with health team members in different health care setting.	*	-	I		*	*	-		-	-	-	(#)	

Name and Signature Course Coordinator:

Dr. Basant Samir 1-7-2025

Name and Signature Program Coordinator:

At. Mahbouba Sobhy

114/2015







Course name: English (I) Code: SUP111

Academic year : 2025/2026 First year / 1st semester

			N	lethod o	f Ev	aluati	on
Domain/ competency	Key elements	Subjects Objectives	Periodic exams (semester works)	Midterm exam	Oral exams	Clinical exams	Final written exam (electronic)
Domain No. 2: Holistic patients/ clients care: 2.2.Competence	2.2.1. Determine health related learning needs of patient/client within the	2.2.1.1. Use demonstrative and relative pronouns in different context.	_	-	*		*
Provide health education based on the needs/problems of the patient/client within a	context of culture, values and norms.	2.2.1.2. Utilize different dialogue related to responsibility and accountability of the role of nurse.	-		*	l	*
nursing framework.		2.2.1.3. Identify international medical terminology related to common health situations.	_	_	*	_	*
		2.2.1.4. Apply reading comprehensive sentences skills in different context.			*	1	*



المعتمدة



Matrix between subjects objectives and methods of evaluation

Course name: English (I)

Code: SUP111

Academic year: 2025/2026

First year / 1st semester

		N	Iethod o	f Ev	aluati	on	
Domain/ competency	Key elements	Subjects Objectives	Periodic exams (semester works)	Midterm exam	Oral exams	Clinical exams	Final written exam (electronic)
Domain No. 2: Holistic patients/ clients care: 2.2.Competence Provide health education based on	2.2.3. Participate in informal and formal methods of teaching that correspond to the health	2.2.3.1. Create phrases using the past and present simple tense while writing patients reports about past history.	-	-	*	-	*
the needs/problems of the patient/client within a	of patient/client needs and abilities in different health	2.2.3.2. Explain phrases using the present continuous tense	-		*	_	*
nursing framework.	care settings.	2.2.3.3. Demonstrate formal and informal methods of teaching using relative and reflexive pronouns.	-	-	*	-	*
		2.2.3.4. Use English reading speaking and writing skills during communicating with health team members in different health care setting.	-		*	-	*

Name and Signature Course Coordinator:

Dr. Basant Samir

Name and Signature Program Coordinator:

Dr. Mchbocka Sabhy

2 1/7/20 205



BENHA UNIVERSITY

معتمده

Course Specification 2025/2026

تقييم صحى

Health Assessment Course code: NUR112

لائحه قديمه





Course Specification (2025)

1. Basic Information

Course Title (according to the bylaw)	تقییم صحی Health Assessment									
Course Code (according to the bylaw)	NUR112									
Department/s participating in delivery of the course	Scientific De	partments a	lternatively							
Number of teaching hours/points of the course	Theoretical	Practical	Other (specify)	Total						
(according to the bylaw)	(2) hours	-	-	(2) hours						
Course Type	اجباري									
Academic level at which the course is taught	فرقة /المستوى الاول									
Academic Program	Bachelor De	gree in Nurs	sing Science							
Faculty/Institute	Nursing									
University/Academy	Benha									
Name of Course Coordinator	DR./ Nora Fa	ares								
Course Specification Approval Date	1/7/2025									
Course Specification Approval (Attach the decision/minutes of the department /committee/council)	<u>pdf.مجلس القسم</u> مجلس قسم التمريض الباطني الجراحي يوليو 2025									

2. Course Overview (Brief summary of scientific content)

The course aims to provide nursing students with the necessary knowledge and skills to assess the physical and psychological condition of patients with different age groups by focusing on the physical, psychological, social and spiritual dimensions of the patient. It including comprehensive assessment of various body systems, from head to foot and develop the appropriate nursing care plan for the patient.

3. Course Learning Outcomes (ILOS)

Matrix of course learning outcomes CLOs with program outcomes POs (NARS/ARS)

	Program Outcomes (NARS/ARS)	Course Lean	rning Outcomes
(accordi	ng to the matrix in the program specs)	Upon compl	etion of the course, the student should be able
		to:	
Code	Text	Code	Text
		2.1.2.1	Identify legal and ethical consideration of health assessment
2.1.2	Provide holistic nursing care that addresses the needs of individuals, families and communities across the life span.	2.1.2.2	Enumerate steps for preparation for physical examination
		2.1.2.3	Differentiate between basic assessment skills and visual health assessment
		2.1.2.4	Mention holistic care during patient's health assessment in different settings
		2.1.2.5	Describe holistic care during visual health assessment
2.1.3	Provide holistic patient-centered care respecting people diversity.	2.1.3.1	Recall patient classification system based on holistic assessment for patient.
		2.1.3.2	Implement safety guidelines in the performance of nursing practical skills.
		2.1.3.3	State holistic patient-centered care in body system assessment
4.1.1	Use different sources of data related to contemporary standards of practice and	4.1.1.1	Identify types of data survey
	patient care.	4.1.1.2	Differentiate between survey data and general survey
		4.1.1.3	Differentiate between objective and subjective data

4. Teaching and Learning Methods

- 1. Interactive lecture.
- 2. Blended Learning.
- 3. E-learning.

Course Schedule

	Oniontific content of the		Expected	number of the	e Learning Ho	ours
Number of the Week	Scientific content of the course (Course Topics)	Total Weekly Hours	Theoretical teaching (lectures/discussio n groups/)	Training (Practical/Cli nical/)	Self- learning (Tasks/ Assignments / Projects/)	Other (to be determined)
1	Health assessment	2 hours	2 hours		1	
2	Health assessment	2 hours	2 hours			
3	Validity data	2 hours	2 hours			
4	Validity data	2 hours	2 hours			
5	Health history	2 hours	2 hours			
6	Health history	2 hours	2 hours			
7	Visual health assessment	2 hours	2 hours			
8	Visual health assessment	2 hours	2 hours			
9	Technique for physical assessment	2 hours	2 hours			
10	Technique for physical assessment	2 hours	2 hours			
11	General survey	2 hours	2 hours			
12	General survey	2 hours	2 hours			
13	Body system assessment	2 hours	2 hours			
14	Body system assessment	2 hours	2 hours			
15	documentation	2 hours	2 hours			

Methods of students' assessment

No.	Assessment Methods *	Assessment Timing (Week Number)	Marks/ Scores	Percentage of total course Marks
2	Oral exam	16 th week	20	20%
3	Final Written Exam (electronic)	16 th week	80	80%

6. Learning Resources and Supportive Facilities *

Learning resources (books,	The main (essential) reference for the course (must be written in full according to the scientific documentation method)	Elsadek, N., (2025): Electronic Book (C.D) for Health Assessment, 1st year, Faculty of Nursing, Benha University. Dover, A.R., Innes, JA, and Fairhurst, K. (2023): General aspects of examination, 14th ed, London. Estes, M, Z. (2023): Health Assessment and Physical Examination, 5 ed, New York
scientific references,	Other References	3i 0 11
etc.) *	Electronic Sources (Links must be added)	http://mu.menofia.edu.eg/nur/PostSUB 111640/P ostSubHome/ar
	Learning Platforms (Links must be added)	https://ebook1.bu.edu.eq
	Other (to be mentioned)	
Supportive	Devices/Instruments	Data show
facilities &	Supplies	
equipment	Electronic Programs	Microsoft team
for teaching	Skill Labs/ Simulators	
and	Virtual Labs	
learning *	Other (to be mentioned)	

Name and Signature Course Coordinator

DI- nousa

11712029

Name and Signature

Program Coordinator

Nr. Mulhboula Soloh

1/4/22





Matrix between subjects objectives and methods of learning Course name: Health Assessment Code: NUR112 Academic year :2025/2026 First year / 1st semster

Domain/	Key elements		Met	hods	of tea	ching	and l	earnii	ng	Methods of training							
competency		Subjects Objectives	Interactive lectures	Brain storming	Problem- based	Self-learning	E-learning	Blended Learning	Project based learning	Performance Based Training	Case study	Role playing	OSCE Simulation	Virtual reality	Practical/Fiel d Training		
Domain No. 2 holistic patient- centered care 2.1 competency	2.1.2 Provide holistic nursing care that addresses the needs of	2.1.2 .1 Identify legal and ethical consideration of health assessment	*				*	*									
Provide holistic and evidence-based nursing care in different practice	individuals, families and communities across the life	2.1.2 .2 Enumerate steps for preparation for physical examination	*				*	*									
settings.	span.	2.1.2 .3 Differentiate between basic assessment skills and visual health assessment	*				*	*									
		2.1.2 .4 Mention holistic care during patient's health assessment in different settings	*				*	*									
		2.1.2 .5 Describe holistic care during visual health assessment	*				*	*									





Matrix between subjects objectives and methods of learning Course name: Health Assessment Code: NUR112

Academic year :2025/2026 First year / 1st semster

Domain/ competency	Key elements		Met	thods	of tea	ching	and l	earnii	ng	Methods of training							
competency		Subjects Objectives	Interactive lecture	Brain storming	Problem- based	Self- learning	E-learning	Blended Learning	Project based learning	Performan ce Based Training	Case study	Role nlaving	OSCE Simulation	Virtual reality	Practical/ Field Training		
Domain No. 2: holistic patient- centered care	2.1.3 Provide holistic patient- centered care respecting people diversity	2.1.3 .1 Recall patient classification system based on holistic assessment for patient.	*				*	*									
2.1 competency Provide holistic and evidence-based nursing care in	people diversity	2.1.3.2 Implement safety guidelines in the performance of nursing practical skills.	*				*	*									
different practice settings.		2.1.3.3 State holistic patient-centered care in body system assessment	*				*	*									
Domain No. 4: informatics and technology 4.1 competency Use different sources of data related to contemporary standards of practice and patient care	4.1.1 Use different sources of data related to contemporary standards of practice and patient care.	4.1.1.1 Identify types of data survey	*				*	*									





Matrix between subjects objectives and methods of learning Code: NUR112

Course name: Health Assessment Academic year :2025/2026

First year / 1st semster

Domain/ competency	Key elements	Subjects Objectives	Methods of teaching and learning					Methods of training							
			Interactive	Brain	Problem- based	Self-learning	E-learning	Blended Learning	Project based learning	Performance Based Training	Case study	Role playing	OSCE	Virtual	Practical/Fie ld Training
Domain No. 4: Informatics and technology 4.1 competency Utilize information and technology to underpin health care delivery, communicate, manage knowledge and support decision making for patient care.	4.1.1 Use different sources of data related to contemporary standards of	4.1.1.1Differentiate between survey data and general survey	*				*	*							
	practice and patient care.	4.1.1.2Differentiate between objective and subjective data	*				*	*							

Name and Signature Course Coordinator

1/7/2029

Dr. nowas

Name and Signature

Program Coordinator On Kahbouba Sobby 1/7/2025





Course name: Health Assessment

Academic year :2025/2026

Code: NUR112

First year / 1st semster

Evaluation			
Written exam (Electronic)			
*			
*			
*			
*			
*			





Course name: Health Assessment Academic year :2025/2026 Code: NUR112 First year / 1st semster

Domain/ competency	Key elements			Met	hod of E	valuation	
Subjects Obje		Subjects Objectives	Periodic exams (Quizzes)	Mid-term exam	Oral exams	Clinical	Final Written exam (Electronic)
Domain No. 2 holistic patient-centered care	2.1.3 Provide holistic patient- centered care respecting people	2.1.3.1 Recall patient classification system based on holistic assessment for patient.			*	_	*:
2.1 competency Provide holistic and evidence-based nursing		2.1.3.2 Implement safety guidelines in the performance of nursing practical skills.			*		*
care in different practice settings.		2.1.3.3 State holistic patient-centered care in body system assessment			*	2 0	*
Domain No. 4 informatics and	4.1.1 Use different sources of data	4.1.1.1 Identify types of data survey			*	2 2	*
technology 4.1 competency utilize information and	related to contemporary standards of	4.1.1.2 Differentiate between survey data and general survey			*		*
technology to underpin health care delivery, communicate, manage knowledge and support decision making for patient care.	practice and patient care.	4.1.1.3 Differentiate between objective and subjective data			*		*

Name and Signature Course

Coordinator 7

1/7/2025

Name and Signature Program

Coordinator

Oh Mahbomba Sobhy



BENHA UNIVERSITY

المعتمدة

Course Specification 2025/2026

تمریض باطنی جراحی ۱

Medical surgical nursing Course code: NUR121





المعتمدة

Course Specification (2025-2026)

1. Basic Information

Course Title (according to the bylaw)	Medical Surgical Nursing (1) تمریض باطنی جراحی							
Course Code (according to the bylaw)	NUR121							
Department/s participating in delivery of the course	Medical sur	gical nursin	g departmen	nt				
Number of teaching hours/points of the course	Theoretical	Practical	Other (specify)	Total				
(according to the bylaw) Course Type	4 hours	12 hours	-	16 hours				
Course Type	اجباري							
Academic level at which the course is taught	الفرقة /المستوى الأول							
Academic Program	Bachelor Deg	gree in Nurs	ing Science					
Faculty/Institute	Nursing							
University/Academy	Benha							
Name of Course Coordinator	Dr/ Nehal	Abo Elfadl						
Course Specification Approval Date	1-7-2025							
Course Specification Approval (Attach the decision/minutes of the department /committee/council)	مجلس قسم التمريض الباطني الجراحي شهر يوليو ٢٠٢٥ مجلس القسمpdf.							

2. Course Overview (Brief summary of scientific content)

The course aims to equip undergraduate students with basic knowledge and skills which help in applying holistic nursing necessary for application of basic nursing skills in medical and surgical departments.

3. Course Learning Outcomes CLOs

Matrix of course learning outcomes CLOs with program outcomes POs (NARS/ARS)

	rogram Outcomes (NARS/ARS) ling to the matrix in the program specs)	Course Learning Outcomes Upon completion of the course, the student will be to:				
Code	Text	Code	Text			
		1. 1. 2. 1	Demonstrate patients' privacy during providing health care			
1.1.2	Apply value statements in nurses' code of ethics and professional	1.1. 2. 2	Explain the implications of common ethical issues associated with nursing care practices.			
	conduct for ethical decision making	1. 1. 2 .3	Apply professional responsibility and respect the compliance to work through systems.			
	Demonstrate responsibility and accountability for care within the scope of professional and practical	1.1.4.1	Implement different therapeutic positions for patient with upper and lower respiratory disorders			
1.1.4		1.1.4.2	Identify physiological factors that affect urinary and bowel elimination of the adult patients			
	level of competence.	1.1.4.3	Discuss components of nursing process			
		1.1.4.4	Apply professional responsibility and competence during nursing assessment for patients with different endocrine disorders			
	Provide holistic nursing care that	2.1.2.1	Implement evidence- based practices in health care to improve patients' health outcomes			
2.1.2	addresses the needs of individuals, families and communities across the life span	2.1.2.2	Distinguish between normal and abnormal assessment findings for cardiac patients			
	ine span	2.1.2.3	Practice appropriate parameters for assessment of peripheral circulation			

	rogram Outcomes (NARS/ARS) ling to the matrix in the program specs)	Course Learning Outcomes Upon completion of the course, the student will be ab to:				
Code	Text	Code	Text			
		2.1.2.4	Identify physiological factors that affect peripheral blood flow and tissue oxygenation			
2.1.3	Provide holistic patient-centered care respecting people diversity	2.1.3.1	Demonstrate holistic nursing care through selection of appropriate methods of nursing care delivery system to meet patient needs			
2.2.1	Determine health related learning needs of patient/client within the context of culture, values and norms.	2.2.1.1	Describe ECG changes associated with life-threatening arrhythmias.			
2.2.5	Communicate health information and coordinate health education/promotion activities effectively according to patient/client needs.	2.2.5.1	Formulate patient education into nursing intervention for patient with chronic illness			
3.3.4	Implement standardized protocols when providing nursing care considering quality improvement and patient's safety	3.3.4.1	Implement nursing competencies to improve health care of patient with wound .			
4.1.1	Use different sources of data related to contemporary standards of practice and patient care.	4.1.1.1	Distinguish between normal and abnormal assessment findings for cardiac patients			
5.1.4	Utilize communication styles that diminish the risks associated with authority gradients among health care team members.	5.1.4.1	perform communication skills in inter professional context during health care delivery.			

4. Teaching and Learning Methods

- 1-Interactive lectures
- 2-Blended learning
- 3- Electronic learning
- 4- Practical training (demonstration and re-demonstration)

Course Schedule

			Expected number of the Learning Hours							
Number of the Week	Scientific content of the course (Course Topics)	Total Weekly Hours	Theoretic al teaching (lectures/ discussio n groups/)	Training (Practical/ Clinical/)	Self- learning (Tasks/ Assignme nts/ Projects/)	Other (to be determin ed)				
	Critical thinking, ethical decision -	4hours	4hours							
1	making and nursing process I.V cannulation			12hours						
	Fluid and electrolytes imbalance	4hours	4hours	12110 0115						
2	I.V infusion therapy.			12hours						
2	Pain	4hours	4hours							
3	Blood transfusion			12hours						
	Chronic illness and disabilities	4hours	4hours							
4	Operating room (scrubbing, gowning, gloving).			12hours						
	Oncology nursing management	4hours	4hours							
5	Operating room (scrubbing, gowning, gloving).			12hours						
	Pre-operative nursing management	4hours	4hours							
6	Wounds care & dressing(closed Wound dressing)			12hours						
	Intra operative nursing management	4hours	4hours							
7	Wounds care(open Wound dressing & irrigation)			12hours						
8	Post-operative nursing management	4hours	4hours							
	Wounds care(removing suture)			12hours						
9	Nursing management of adult patient with systematic medical surgical disorders	4hours	4hours							
	oxygen therapy			12hours						
10	Nursing management of adult patients with upper respiratory disorders.	4hours	4hours							
	Nasogastric Tube (insertion &lavage)			12hours						
11	Nursing management of adult patients with lower respiratory disorders.	4hours	4hours							
	Nasogastric Tube(gavage& removal)			12hours						
12	Nursing management of adult patients with cardiovascular disorders	4hours	4hours							

	Urinary catheter (insertion)			12hours	
13	Nursing management of adult patients with digestive disorders.	4hours	4hours		
	Urinary catheter (care)			12hours	
14	Nursing management of adult patients with endocrinal disorders.	4hours	4hours		
	Urinary catheter (removal)			12hours	
15	Nursing management of adult patients with hematological disorders	4hours	4hours		
	chest physiotherapy			12hours	

5. Methods of students' assessment

No.	Assessment Methods *	Assessment Timing (Week Number)	Marks/ Scores	Percentage of total course Marks
1	Semester works	Periodically	60	30%
2	Final practical examination	14th week	10	5%
3	Final oral Exam	15th week	10	5%
4	Final Electronic written examination	16th week	120	60%

6. Learning Resources and Supportive Facilities *

		Medical surgical nursing department, (2025): Electronic
Learning resources (books, scientific references,	The main (essential) reference for the course (must be written in full according to the scientific documentation method)	hand outs (CD) for medical surgical nursing (1), Faculty of Nursing, Benha University <i>Smeltzer, S.C. And Bare, B.G. (2024):</i> Medical surgical nursing. 12 th ed.,Philadelphia. J.B. Lippincott, Williams & Wilkins
etc.) *	ŕ	Smith, S.F. Duell, D.J. And Martin, B.C. (2023): Clinical nursing skills 8 th ed., New jersey. Pearson education, Inc.

	Other References	Timby, K. And Smith, E. (2023):Introductory medical surgical nursing, 11th ed. J.B. Lippincott, Williams & Wilkins. Philadelphia. Allen, K. D., Ballard, S.E., Cooper, K. And Croke, E. (2023): Disease. Lippincott Williams and Wilkins. Com. London Moyet, L.C. (2023):Nursing diagnosis. 11th ed. Lippincott Williams and Wilkins. Com. London. Hardin, S. R. And Kaplow, R. (2023):Critical care nursing. Jones and Bartlett publishers. Inc. London Yarbro, H., Frogge, M. And Goodman, M. (2023): Cancer nursing. 6th ed. Jones and Bartlett publishers, Inc. London.
	Electronic Sources (Links must be added)	http://cms.nelc.edu.eg. Http://elearning.bu.edu.eg. Http://www.Youtube.com/user/nursingbu/featured Http://www.Youtube.com/playlist?list= Http://www.Nursing science Http://www.Advanced Nursing Journal Http://www.Nursing center.com
	Learning Platforms	https://ebook1.bu.edu.eg
2	(Links must be added)	
	Other (to be mentioned)	
	(to be inclinioned)	
Supportive	Devices/Instruments	Data show
facilities &	Supplies	White board - flip chart
equipment	Electronic Programs	Microsoft team
for	Skill Labs/ Simulators	Medical surgical nursing Skill lab (OSCE)
teaching	Virtual Labs	Virtual lab
and learning *	Other (to be mentioned)	

Name and Signature

Course Coordinator

1/7/2025

Name and Signature Program Coordinator

or. Mehboube Sobby



Course name: Medical – Surgical Nursing(I)

Academic year: 2025/2026

First vear/second semester



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Domain/ Competency				Metho	ods of tea	ching	and le	earning	Ţ			Metho	ds of t	rainin	g
Competency	Key elements	Subjects Objectives	Interactive Lecture	Brain storming	Problem-based learning	Self-learning	E-learning	Blended learning	Project based learning	Performance Based Training	Case study	Role playing	OSCE Simulation	Virtual reality	Practical/Field Training
Domain 1- professional and ethical practice		1. 1. 2. 1.Demonstrate patients' privacy during providing health care	*	-	-		*	*	-	-	-	-	-	-	*
1-1- COMPETENCY Demonstrate knowledge, understanding, responsibility and	1.1.2. Apply value statements in nurses' code of ethics and	1.1. 2. 2. Explain the implications of common ethical issues associated with nursing care practices.	*	-	-		*	*	-	-	-	-	-	-	*
accountability of the legal obligations for ethical nursing practice.	professional conduct for ethical decision making	1. 1. 2 .3.Apply professional responsibility and respect the compliance to work through systems.	*	-	-		*	*	-	-	-	-		-	*
	1.1.4.Use different sources of data related to contemporary standards of	1.1.4.1.Implement different therapeutic positions for patient with upper and lower respiratory disorders	*	_	-		*	*	-	-	-	-	-	-	*
	practice and patient care.	1.1.4.2.Identify physiological factors that affect urinary and bowel elimination of the	*	-	-		*	*	-	-	-	-	-	-	*



Course name: Medical – Surgical Nursing(I) Code: NUR 121 Academic year: 2025/2026

First vear/second semester



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Domain/				Meth	ods of tea	aching	and lo	earning	3			Metho	ods of t	rainin	g
Competency	Key elements	Subjects Objectives	Interactive Lecture	Brain storming	Problem-based learning	Self-learning	E-learning	Blended learning	Project based learning	Performance Based Training	Case study	Role playing	OSCE Simulation	Virtual reality	Practical/Field Training
		adult patients													
		1.1.4.3.Discuss components of nursing process	*	-	-		*	*	-	-	-	-	-	-	*
		1.1.4.4Apply professional responsibility and competence during nursing assessment for patients with different endocrine disorders	*	-	-		*	*	-	-	-	-	-	-	*
Domain No.2: Holistic patients/clients care. Competence 2.1.	2.1.2.Provide holistic nursing	2.1.2.1.Implement evidence- based practices in health care to improve patients' health outcome	*	-	-		*	*	-	1	-	-	-	1	*
Provide holistic and evidence- based nursing care in different practice settings	care that addresses the needs of individuals, families and communities 2.1. between abnormalized abnormalized apreciations.	2.1.2.2.Distinguish between normal and abnormal assessment findings for cardiac patients	*	_	-		*	*	-	-	-	-	-	-	*
	across the life span	2.1.2.3.Practice appropriate parameters for assessment of	*	-	-		*	*	-	-	-	-	-	-	*



Course name: Medical – Surgical Nursing(I) Code: NUR 121

BENHA UNIVERSITY

المعتمدة

Academic year: 2025/2026 First year/second semester

Domain/			Methods of teaching and learning				Methods of training				g				
Competency	Key elements	Subjects Objectives	Interactive Lecture	Brain storming	Problem-based learning	Self-learning	E-learning	Blended learning	Project based learning	Performance Based Training	Case study	Role playing	OSCE Simulation	Virtual reality	Practical/Field Training
		peripheral circulation .2.1.2.4.dentify physiological factors that affect peripheral blood flow and tissue oxygenation	*	-	-		*	*	-	-	-	-	-	1	*
	2.1.3.Provide holistic patient- centered care respecting people diversity	2.1.3.1.Demonstrate holistic nursing care through selection of appropriate methods of nursing care delivery system to meet patient needs	*	-	-		*	*	-	-	-	-	-	-	*
	2.2.5.Communicat e health information and coordinate health education/promoti on activities effectively according to patient/client needs.	2.2.5.1.Formulate patient education into nursing intervention for patient with chronic illness	*	-	-		*	*	-	-	-	-	-	-	*



Course name: Medical – Surgical Nursing(I)

Academic year: 2025/2026

First vear/second semester

Code: NUR 121



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Domain/				Meth	ods of tea	aching	and le	earning	5			Metho	ds of t	rainin	g
Competency	Key elements	Subjects Objectives	Interactive Lecture	Brain storming	Problem-based learning	Self-learning	E-learning	Blended learning	Project based learning	Performance Based Training	Case study	Role playing	OSCE Simulation	Virtual reality	Practical/Field Training
Domain 3- managing people, work environment and quality 3-1- COMPETENCY Demonstrate effective managerial and leadership skills in the provision of quality nursing care.	3.3.4.Implement standardized protocols when providing nursing care considering quality improvement and patient's safety.	3.3.4.1.Implement nursing competencies to improve health care.	*	-	-		*	*	-	-	-	-	-	-	*
Domain 4- informatics and technology 4-1- COMPETENCY Utilize information and technology to underpin health care delivery, communicate, manage knowledge and support decision making for patient care.	4.1.1.Use different sources of data related to contemporary standards of practice and patient care	4.1.1.1.Distinguish between normal and abnormal assessment findings for cardiac patients	*	-	-		*	*		-		-			*



Same

Matrix between subjects objectives and teaching and learning methods

Course name: Medical - Surgical Nursing(1)

Academic year: 2025/2026

Code: NUR 121 First year/second semester



Domain/				Meth	ods of tea	ching	and le	earnin	g			Metho	ods of	trainin	g
Competency	Key elements	Subjects Objectives	Interactive	Brain storming	Problem-based learning	Self-learning	E-learning	Blended learning	Project based earning	Performance Based Training Case study Role playing OSCE Simulation					Practical/Field
Domain 5- inter- professional communication 5-1-COMPETENCY Collaborate with colleagues and members of the health care team to facilitate and coordinate care provided for individuals, families and communities.	5.1.4.Utilize communication styles that diminish the risks associated with authority gradients among health care team members.	5.1.4.1.perform communication skills in inter professional context during health care delivery.		-				•	-						•

Name and Signature
Course Coordinator

dr. Nehed Mahmoud

1/7/2025

Name and Signature
Program Coordinator
Oh Hahbonba Sobhy
117/2025



Course name: Medical – Surgical Nursing(I) Academic year: 2025/2026

First year/ Second Semester

Code: NUR 121



المعتمدة

Domain/ Competency			Method	of evalu	ıatio	n	
	Key elements	Subjects Objectives					
			Periodic exam (Semester work)	Mid-term exam	Oral exams	Final Clinical exams	Final Electronic Written exam
Domain 1- professional and ethical practice 1-1- Competency demonstrate knowledge, understanding, responsibility and accountability		1. 1. 2. 1.Demonstrate patients' privacy during providing health care	*	*	*	*	*
of the legal obligations for ethical nursing practice.	1.1.2. Apply value statements in nurses' code of ethics and professional conduct for ethical	1.1. 2. 2. Explain the implications of common ethical issues associated with nursing care practices.		*	*	*	
	decision making	1. 1. 2 .3.Apply professional responsibility and respect the compliance to work through systems.	*	*	*	*	*
	1.1.4.Use different sources of data	1.1.4.1.Implement different therapeutic positions for patient with upper and lower respiratory disorders	*	*	*	*	*
	related to contemporary standards of practice and patient care.	1.1.4.2.Identify physiological factors that affect urinary and bowel elimination of the adult patients	*	*	*	*	*
		1.1.4.3.Discuss components of nursing process.	*	*	*	*	*
		1.1.4.4Apply professional	*	*	*	*	*



Course name: Medical – Surgical Nursing(I)

Academic year: 2025/2026 First year/ Second Semester



Code: NUR 121

المعتمدة

Domain/ Competency			Method	of evalu	atio	n	
	Key elements	Subjects Objectives					
			Periodic exam (Semester work)	Mid-term exam	Oral exams	Final Clinical exams	Final Electronic Written exam
		responsibility and competence during nursing assessment for patients with different endocrine disorders					
Domain No.2: Holistic patients/clients care. Competence 2.1. Provide holistic and evidence-		2.1.2.1.Implement evidence- based practices in health care to improve patients' health outcome	*	*	*	*	*
based nursing care in different practice settings	2.1.2. Provide holistic nursing care that addresses the needs of	2.1.2.2.Distinguish between normal and abnormal assessment findings for cardiac patients	* * *	*	*	*	
	individuals, families and communities across the life span	2.1.2.3.Practice appropriate parameters for assessment of peripheral circulation	*	*	*	*	*
		2.1.2.4.dentify physiological factors that affect peripheral blood flow and tissue oxygenation	*	*	*	*	*
	2.1.3.Provide holistic patient- centered care respecting people diversity	2.1.3.1.Demonstrate holistic nursing care through selection of appropriate methods of nursing care delivery system to meet patient needs	*	*	*	*	*
	2.2.5.Communicate health	2.2.5.1.Formulate patient	*	*	*	*	*



Course name: Medical - Surgical Nursing(I)

Academic year: 2025/2026

Code: NUR 121 First year/ Second Semester



State

		Method o	Method of evaluation						
Key elements	Subjects Objectives	Periodic exam (Semester work)	Mid-term exam	Oral exams	Final Clinical exams	Final Electronic Written exam			
information and coordinate health education/promotion activities effectively according to patient/client needs.	education into nursing intervention for patient with chronic illness								
3.3.4.Implement standardized protocols when providing nursing care considering quality improvement and patient's safety.	3.3.4.1.Implement nursing competencies to improve health care.	*		•	•				
4.1.1.Use different sources of data related to contemporary standards of practice and patient care	4.1.1.1.Distinguish between normal and abnormal assessment findings for cardiac patients		*	*	•				
5.1.4.Utilize communication styles that diminish the risks associated with authority gradients among health care team members.	5.1.4.1.perform communication skills in inter professional context during health care delivery.	*	*		•	•			
	information and coordinate health education/promotion activities effectively according to patient/client needs. 3.3.4.Implement standardized protocols when providing nursing care considering quality improvement and patient's safety. 4.1.1.Use different sources of data related to contemporary standards of practice and patient care 5.1.4.Utilize communication styles that diminish the risks associated with authority gradients among	information and coordinate health education/promotion activities effectively according to patient/client needs. 3.3.4.Implement standardized protocols when providing nursing care considering quality improvement and patient's safety. 4.1.1.Use different sources of data related to contemporary standards of practice and patient care 4.1.1.1 Distinguish between normal and abnormal assessment findings for cardiac patients 5.1.4.Utilize communication styles that diminish the risks associated with authority gradients among	information and coordinate health education/promotion activities effectively according to patient/client needs. 3.3.4.Implement standardized protocols when providing nursing care considering quality improvement and patient's safety. 4.1.1.Use different sources of data related to contemporary standards of practice and patient care 5.1.4.Utilize communication styles that diminish the risks associated with authority gradients among intervention for patient with chronic illness 3.3.4.I.Implement nursing competencies to improve health care. * 4.1.1.Distinguish between normal and abnormal assessment findings for cardiac patients 5.1.4.1 perform communication skills in inter professional context during health care delivery.	information and coordinate health education/promotion activities effectively according to patient/client needs. 3.3.4.Implement standardized protocols when providing nursing care considering quality improvement and patient's safety. 4.1.1.Use different sources of data related to contemporary standards of practice and patient care 5.1.4.Utilize communication styles that diminish the risks associated with authority gradients among Subjects Objectives ducation into nursing intervention for patient with chronic illness a.3.4.1.Implement nursing competencies to improve health care. 4.1.1.1.Distinguish between normal and abnormal assessment findings for cardiac patients 5.1.4.1.perform communication skills in inter professional context during health care delivery.	information and coordinate health education/promotion activities effectively according to patient/client needs. 3.3.4.Implement standardized protocols when providing nursing care considering quality improvement and patient's safety. 4.1.1.Use different sources of data related to contemporary standards of practice and patient care 5.1.4.Utilize communication styles that diminish the risks associated with authority gradients among Subjects Objectives education into nursing intervention for patient with chronic illness 3.3.4.Implement nursing competencies to improve health care. * * * * * * * * * * * * *	information and coordinate health education/promotion activities effectively according to patient/client needs. 3.3.4.Implement standardized protocols when providing nursing care considering quality improvement and patient's safety. 4.1.1.Use different sources of data related to contemporary standards of practice and patient care 5.1.4.Utilize communication styles that diminish the risks associated with authority gradients among			

Name and Signature dr. Nebel Mahmond 117 12025

Name and Signature Program Coordinator Oh Mahbouba Sobhy 117/2028



المعتمدة



Course Specification 2025/2026

باثولوجي

Pathology
Course code: MED121

لائحة قديمة





المعتمدة

Course Specification (2025)

1. Basic Information

Course Title (according to the bylaw)]	Pathology	باثوج <i>ي</i>					
Course Code (according to the bylaw)	MED121							
Department/s participating in delivery of the course	Pathology Department, Faculty of Medicine, Benha Unviersity							
Number of teaching hours/points of the	Theoretical	Practical	Other (specify)	Total				
course (according to the bylaw)	2 hours			2 hours				
Course Type				اجباري				
Academic level at which the course is taught			وي الاول	الفرقة/المست				
Academic Program	Bache	lor Degree	in Nursing	g Science				
Faculty/Institute				Nursing				
University/Academy				Benha				
Name of Course Coordinator	Pro	fessor/ Tag	grid Abd E	Il- Samea				
Course Specification Approval Date	1/7/2025							
Course Specification Approval (Attach the decision/minutes of the department /committee/council)	<u>pdf.مجلس القسم بلخر احى يوليو 1070</u> جلس قسم التمريض الباطنى الجراحى يوليو ٢٠٢٥							

2. Course Overview (Brief summary of scientific content)

This course aims to equip undergraduate students with special information about the different types of laboratory test samples, how to obtain them, and the interpretation of the results of various laboratory tests.

3. Course Learning Outcomes CLOs

Consistency of Course Learning Outcomes with the Program Learning Outcomes / Adopted Academic Standards

Progra	am Outcomes (NARS/ARS)	Course Learning Outcomes						
(acc	ording to the matrix in the	Upon com	pletion of the course, the student will be					
	program specs)	able to:						
Code	Text	Code	Text					
4.1.1	Use different sources of data related to contemporary standards of practice and patient care.	4.1.1.1 4.1.1.2 4.1.1.3 4.1.1.4 4.1.1.5 4.1.1.7	Identify key terms of pathology and collect data about pathological changes that occur in inflammation. Discuss causes and pathogenesis of the most important pathological problems that affect patient care. Describe the growth and microscopic changes of the most important pathological problems and infectious disease. Compare between methods of spread of malignant tumors. Use different sources of data to retrieve in reaching pathological information to remain current with advances in knowledge and practice. Differentiate the clinical symptoms and signs of hyperplasia and metaplasia. Identify the pathogenesis of meningitis and brain abscess.					

Progr	am Outcomes (NARS/ARS)		Course Learning Outcomes					
(ac	cording to the matrix in the	Upon com	pletion of the course, the student will be					
	program specs)		able to:					
Code	Text	Code	Text					
		4.1.1.8	Discriminate between Hodgkin's lymphoma and other types of lymphoma.					
		4.1.1.9 Summarize information tech during Interpret patient's data organized and informative many						
		4.1.1.10	Discuss in a professional manner different circulatory disturbances and common types of anemia.					
		4.1.1.11 Use the internet and other electronsources for collection of data about most important pathological problem. 4.1.1.12 Interpret the most import gross and microscopic changes primary and secondary pulmonary tuberculosis.						
		4.1.1.13	Identify the pathogenesis of glomerulonephritis and nephritic syndrome.					
		4.1.1.14	Discuss pathological changes that occur in edema and shock.					
		4.1.1.15	Describe pathogenesis of pituitary, thyroid and adrenal glands.					

4. Teaching and Learning Methods

- 1- Interactive lectures
- 2- Blended learning
- 3- E-learning

Course Schedule

			Exped	cted number	of the Learning	g Hours
Week No.	Scientific content of the course (Course Topics)	Total Weekly Hours	Theoretical teaching (lectures/dis cussion groups/)	Training (Practical /Clinical/)	Self-learning (Tasks/ Assignments/ Projects/)	Other (to be determined)
1	Unit I: Introduction to pathology	2 hours	2 hour			-1
2	Unit II: Inflammation and repair	2 hours	2 hour			
3	Unit III: Infectious diseases	2 hours	2 hour			
4	Unit IV: Cell injury	2 hours	2 hour			1
5	Unit V: Immune response and environmental diseases	2 hours	2 hour			1
6	Unit VI: Circulatory disorders	2 hours	2 hour			1
7	Unit VII: Growth disturbances and neoplasia	2 hours	2 hour			
8	Unit VIII: Pathology of cardio vascular system	2 hours	2 hour			
9	Unit IX: Pathology of respiratory system	2 hours	2 hour			
10	Unit X:Pathology of urinary system	2 hours	2 hour			-1
11	Unit XI: Pathology of gastrointestinal tracts	2 hours	2 hour			
12	Unit XII: Pathology of endocrine system	2 hours	2 hour			
13	Unit XIII:Pathology of nervous system	2 hours	2 hour			
14	Unit XIII:Pathology of blood	2 hours	2 hour			
15	Unit XIV: Pathology of lymphoreticular system	2 hours	2 hour			ŀ

5. Methods of students' assessment

No.	Assessment Methods *	Assessment	Marks/	Percentage
		Timing	Scores	of
		(Week		total course
		Number)		Marks
1	Final Oral Exam	15 th week	20	20%
2	Final Written Exam. (electronic)	16 th week	80	80%

6. Learning Resources and Supportive Facilities *

Learning resources (books, scientific references, etc.) *	The main (essential) reference for the course (must be written in full according to the scientific documentation method)	Abd El-Samea, T .(2025): Electronic book(CD) for pathology ,1st year ,faculty of medicine , Benha university. Kierszenbaum,A,&Tres,L,(2025):Histology and cell biology:An Introduction to pathology ,3rd edition .Elsevier Health Sciences. Brooks, H.(2025):general pathology for nurses,3rd .,john &sons London . Reviews, C. (2025):):Histology and cell biology:AnIntroduction to pathology ,2ND ed.,wiley company ,London Moini, J. (2025): AnIntroduction to pathology for the physical therapist assistant, 2nd ed ,Jones&barlett publishers ,united states of America.
	Other References	
	Electronic Sources (Links must be added)	http://www.emedicine.com http://www.pathologyoutlines.com

	Learning Platforms (Links must be added)	https://ebook1.bu.edu.eg
	Other (to be mentioned)	
Supportive	Devices/Instruments	Data show
facilities &	Supplies	White board
equipment	Electronic Programs	Microsoft team
for	Skill Labs/ Simulators	-
teaching	Virtual Labs	
and learning *	Other (to be mentioned)	-

Name and Signature

Course Coordinator

Dr. May Sa Ahmed Ivaler

Name and Signature **Program Coordinator**

Dr. Mahbouba Sobhy 117/2029





		Subjects	M	lethods	of teac	hing a	ınd leai	ning		M	ethod	s of tr	aining	
Competency	Key elements	Ohioativos	Interactive Lectures	Brainstorming	Problem based learning	E-learning	Blended Learning	Project based learning	Performance Based Training	Case study	Role playing	OSCE Simulation	Virtual reality	Practical/Field Training
Domain 4: Informatics and technology 4.1 Competence Utilize	4.1.1 Use different sources of data related to contemporary standards of practice and	4.1.1.1 Identify key terms of pathology and collect data about pathological changes that occur in inflammation.	*			*	*							
information and technology to underpin health ,care delivery ,communicate manage knowledge and support decision	patient care.	4.1.1.2 Discuss causes and pathogenesis of the most important pathological problems that affect patient care. 4.1.1.3 Describe the growth and microscopic changes of the most important pathological	*			*	*							





		Subjects	M	ethods	of teac	hing a	nd lear	rning		M	ethod	s of tr	aining	
Domain/ Competency	Key elements	ments Objectives		Brainstorming	Problem based learning	E-learning	Blended Learning	Project based learning	Performance Based Training	Case study	Role playing	OSCE Simulation	Virtual reality	Practical/Field Training
making for patient care		problems and infectious disease.												
		4.1.1.4 Compare between methods of spread of malignant tumors.	*			*	*							
		4.1.1.5 Use different sources of data to retrieve in reaching pathological information to remain current with advances in knowledge and practice.	*			*	*							
		4.1.1.6 Differentiate the clinical symptoms and signs of hyperplasia and metaplasia.	*			*	*							





		Subjects	M	lethods	of teac	hing a	nd lear	rning		M	ethods	s of tr	aining	
Domain/ Competency	Key elements	Objectives	Interactive Lectures	Brainstorming	Problem based learning	E-learning	Blended Learning	Project based learning	Performance Based Training	Case study	Role playing	OSCE Simulation	Virtual reality	Practical/Field Training
		4.1.1.7 Identify the pathogenesis of meningitis and brain abscess.	*			*	*							
		4.1.1.8 Discriminate between Hodgkin's lymphoma and other types of lymphoma.	*			*	*							
		4.1.1.9 Summarize information technology during Interpret patient's data in an organized and informative manner.	*			*	*							
		4.1.1.10 Discuss in a professional manner different circulatory	*			*	*							





		Subjects	M	lethods	of teac	hing a	ınd leai	rning		M	ethod	s of tr	aining	
Domain/ Competency	Key elements	Objectives	Interactive Lectures	Brainstorming	Problem based learning	E-learning	Blended Learning	Project based learning	Performance Based Training	Case study	Role playing	OSCE Simulation	Virtual reality	Practical/Field Training
		disturbances and common types of anemia. 4.1.1.11 Use the internet and other electronic sources for collection of data about most important pathological problems.	*			*	*							
		4.1.1.12 Interpret the most important gross and microscopic changes of primary and secondary pulmonary tuberculosis. 4.1.1.13 Identify the	*			*	*							
		pathogenesis of glomerulonephritis and nephritic syndrome.												



Matrix between subjects' objectives and teaching and learning methods

Code:MED121 Course name: Pathology Academic year:2025/2026

First year/ Second semester



معتمدة

1 1 1 8 1 E E			Methods of teaching and learning Methods of training											
Domain/ Competency	Key elements Objectives	Subjects Objectives	Interactive Lectures	Brainstorming	Problem based learning	E-learning	Blended Learning	Project based learning	Performance Based Training	Case study	Role playing	OSCE Simulation	Virtual reality	Practical/Field Training
		4.1.1.14 Discuss pathological changes that occur in edema and shock.	*	***		*	*			-				
		4.1.1.15 Describe pathogenesis of pituitary, thyroid and adrenal glands.	*	***	-	*	*							

Name and Signature

Course Coordinator

Dr. TagridAbd El-Samea

Name and Signature

Program Coordinator

Oh Mehboaba 506 hy 117/2025



Matrix between subject objectives and methods of evaluation Course name: pathology Course code: MED121 Academic year:2025/2026 First year/ Second semester



Domain	Key element	Subjects Objectives		Meth	od of eval	uation		
Competency			Periodic exams (Quizzes)	Periodic exams (mid-term)	Final oral exam	Final practical exam	Final written exam	(Electronic)
Domain 4: Informatics and technology	4.1.1 Use different sources of data related to contemporary standards	4.1.1.1 Identify key terms of pathology and collect data about pathological changes that occur in inflammation.			*		*	
4.1 Competence Utilize information and technology to	of practice and patient care.	4.1.1.2 Discuss causes and pathogenesis of the most important pathological problems that affect patient care.	-		*		*	
underpin health care ,delivery ,communicate manage knowledge and		4.1.1.3 Describe the growth and microscopic changes of the most important pathological problems and infectious disease.	-		*		*	
support decision making for patient		4.1.1.4 Compare between methods of spread of malignant tumors.			*		*	
care		4.1.1.5 Use different sources of data to retrieve in reaching pathological information to remain current with advances in knowledge and practice.			*		*	



Matrix between subject objectives and methods of evaluation Course name: pathology Course code: MED121 Academic year:2025/2026 First year/ Second semester



Domain Key element		Subjects Objectives		Meth	od of eval	uation	
Competency			Periodic exams (Quizzes)	Periodic exams (mid-term)	Final oral exam	Final practical exam	Final written exam (Electronic)
		4.1.1.6 Differentiate the clinical symptoms and signs of hyperplasia and metaplasia.			*		*
		4.1.1.7 Identify the pathogenesis of meningitis and brain abscess.			*		*
		4.1.1.8 Discriminate between Hodgkin's lymphoma and other types of lymphoma.			*		*
		4.1.1.9 Summarize information technology during Interpret patient's data in an organized and informative manner.			*		*
		4.1.1.10 Discuss in a professional manner different circulatory disturbances and common types of anemia.			*		*
		4.1.1.11 Use the internet and other electronic sources for collection of data about most important pathological problems.			*		*



Matrix between subject objectives and methods of evaluation Course name: pathology Academic year:2025/2026 Course code: MED121 First year/ Second semester



معتمدة

i i i	Key element	Subjects Objectives		Meth	od of eva	luation	
Domain Competency	Key element		Periodic exams (Quizzes)	Periodic exams (mid-term)	Final oral exam	Final practical exam	Final written exam (Electronic)
R. Bullet		4.1.1.12 Interpret the most important gross and microscopic changes of primary and secondary pulmonary tuberculosis.			*		*
		4.1.1.13 Identify the pathogenesis of glomerulonephritis and nephritic syndrome.			*		*
		4.1.1.14 Discuss pathological changes that occur in edema and shock.		***	*	277	*
		4.1.1.15 Describe pathogenesis of pituitary, thyroid and adrenal glands.			*		

Name and Signature

Course Coordinator

Dr. Tagrid Abd-El-Sanon 117/2025 Name and Signature

Program Coordinator

On Habboube 50 bly 117 12025



المعتمدة



Course Specification 2025/2026

باراستولوجي

Parasitology
Course code: MED122

لائحة قديمة





المعتمدة

Course Specification (2025)

1. Basic Information

Course Title (according to the bylaw)	Para	sitology	راستولوجي	بار				
Course Code (according to the bylaw)	MED122							
Department/s participating in delivery of the course	Parasitology Department , Faculty of Medicine ,Benha University							
Number of teaching hours/points of the	Theoretical	Practical	Other (specify)	Total				
course (according to the bylaw)	2 hours	1 hour		3 hours				
Course Type				اجباري				
Academic level at which the course is taught			وي الاول	الفرقة/المست				
Academic Program	Bachelor Degree in Nursing Science							
Faculty/Institute				Nursing				
University/Academy				Benha				
Name of Course Coordinator	P	rofessor/ N	Maysa Ahn	ned Iraky				
Course Specification Approval Date				1/7/2025				
Course Specification Approval (Attach the decision/minutes of the department /committee/council)	pdf.مجلس القسم یولیو ۲۰۲۰	لمنى الجراحي	التمريض الباد	مجلس قسم				

2. Course Overview (Brief summary of scientific content)

This course aims to equip undergraduate students with the necessary information and special skills to identify the basic morphological properties of parasites, their life cycle, and its mode of transmission. It also provides preventive and therapeutic means for parasitic diseases.

3. Course Learning Outcomes CLOs

Consistency of Course Learning Outcomes with the Program Learning Outcomes / Adopted Academic Standards

Prog	ram Outcomes (NARS/ARS)		Course Learning Outcomes
(ac	cording to the matrix in the	Upon co	mpletion of the course, the student will be
	program specs)		able to:
Code	Text	Code	Text
		2.2.6.1	Identify key terms of parasitology and common endemic parasitic infections.
		2.2.6.2	Describe the clinical manifestations and differential diagnosis of parasitic diseases.
		2.2.6.3	Implement precautions for collection of different samples before analysis.
	Utilize information from variety of reliable sources for	2.2.6.4	List the effective therapeutic measures of parasitic infections.
2.2.6	planning and improving health promotion and health education activities.	2.2.6.5	Integrate the most important signs and symptoms of important parasitic infections and the laboratory test findings into a meaningful diagnostic significance.
		2.2.6.6	Describe different preventive and control measures for trematode infection.
		2.2.6.7	Preparing for stool and urine examination and interpretation of results
		2.2.6.8	Apply safety measures during blood and sputum examination.

Prog	ram Outcomes (NARS/ARS)		Course Learning Outcomes		
(ac	cording to the matrix in the	Upon co	mpletion of the course, the student will be		
	program specs)		able to:		
Code	Text	Code	Text		
		2.2.6.9	Enumerate signs and symptoms of common protozoal infection.		
		4.1.1.1	Use different sources of data to retrieve in reaching parasitological information to remain current with advances in knowledge and practice.		
		4.1.1.2	Compare between morphology of intestinal flukes and blood flukes.		
	J.1.1			4.1.1.3	Classify intestinal and tissue nematodes
4.1.1					
	Use different sources of data related to contemporary		Interpret patient's data in an organized and informative manner.		
	standards of practice and patient care.	4.1.1.5	Use the internet and other electronic sources for collection of data about most important parasitic diseases.		
		4.1.1.6	Differentiate between extraintestinal cestodies and intestinal cestodies.		
		4.1.1.7	Evaluate the benefits of computerized		
			information management to overcome		
			problems of documenting results.		
		4.1.1.8	Discuss therapeutic measures for intestinal and blood protozoa to enhance patient care.		

4. Teaching and Learning Methods

- 1- Interactive lectures
- 2- Blended learning
- 3- E-learning

Course schedule:

			Expected number of the Learning Hours							
Wee k	Scientific content of the course (Course Topics)	Total Weekly Hours	Theoretical teaching (lectures/discu ssion groups/)	Training (Practical /Clinical/)	Self- learning (Tasks/ Assignmen ts/ Projects/)	Other (to be determine d)				
1	Medical helminthology introduction	3 hours	2 hour	1 hour						
2	Types of parasites,life cycle, morphology, complications, medications and clinical manifestations	3 hours	2 hour	1 hour						
3	Intestinal flukes Blood flukes (Schistosoma)	3 hours	2 hour	1 hour						
4	Intestinal cestodies	3 hours	2 hour	1 hour						
5	Extra intestinal cestodies	3 hours	2 hour	1 hour						
6	Intestinal nematodes	3 hours	2 hour	1 hour						
7	Tissue nematodes	3 hours	2 hour	1 hour						
8	Intestinal protozoa	3 hours	2 hour	1 hour						
9	Blood protozoa	3 hours	2 hour	1 hour						
10	Collection of samples and Laboratory investigations	3 hours	2 hour	1 hour	-					
11	Safety measures of handling samples	3 hours	2 hour	1 hour	1					
12	Sputum and Blood examination	3 hours	2 hour	1 hour						
13	Stool andUrine examination	3 hours	2 hour	1 hour						
14	Medical entomology	3 hours	2 hour	1 hour						
15	Prevention and control of parasitic diseases.	3 hours	2 hour	1 hour						

5. Methods of students' assessment

No.	Assessment Methods *	Assessment	Marks/	Percentage
		Timing	Scores	of
		(Week		total course
		Number)		Marks
1	Final Practical Exam	15 th week	10	10%
2	Final Oral Exam	16 th week	10	10%
3	Final Written Exam. (electronic)	16 th week	80	80%

6. Learning Resources and Supportive Facilities *

Learning resources (books, scientific references, etc.) *	The main (essential) reference for the course (must be written in full according to the scientific documentation method)	Iraky, M. (2025):Electronic CD of Parasitology, 1st year ,Faculty of medicine, Benha University. Cox FG. (2025):Modern Parasitology: A Textbook of Parasitology 2nd ed, Wiley company,USA. Mehlhorn H. (2025):Progress in Parasitology, 1st ed. Springer Company, New York. Bogitsh BJ. Carter CE. and Oeltmann TN. (2025):Human Parasitology, 4th ed). Elsevier,USA. Rollinson D. and Hay SI. (2025):Adances in Parasitology, 1st ed). Elsevier CO.USA.
	Other References	
	Electronic Sources (Links must be added)	http://www. Parasitology.org.uk http://www.emedicine.com

	Learning Platforms (Links must be added)	https://ebook1.bu.edu.eg
	Other (to be mentioned)	-
Supportive	Devices/Instruments	Data show
facilities &	Supplies	White board
equipment	Electronic Programs	Microsoft team
for	Skill Labs/ Simulators	
teaching	Virtual Labs	, American Control of the Control of
and learning *	Other (to be mentioned)	

Name and Signature

Course Coordinator

Dr. May Sa Ahmed Iraha 11712025

Name and Signature

Program Coordinator

St. Mahlbouba Sobhy 117/2029





			Met	thods	of teac	hing an	nd leari	ning		Met	hods (of trai	ning	
Domain/ Competency	Key elements	Subjects Objectives	Interactive Lectures	Brain storming	Problem based learning	E-learning	Blended Learning	Project based learning	Performance Based Training	Case study	Role playing	OSCE Simulation	Virtual reality	Practical/Field Training
Domain No. 2: Holistic patients/clients care	2.2.6 Utilize information from variety of reliable sources	2.2.6.1 Identify key terms of parasitology and common endemic parasitic infections.	*			*	*							
2.2 Competence Provide health	for planning and improving health promotion and health	2.2.6.2 Describe the clinical manifestations and differential diagnosis of parasitic diseases.	*			*	*					1		
education based on the needs/problems of the patient/client within a nursing	education activities.	2.2.6.3 Implement precautions for collection of different samples before analysis.	*			*	*							
framework.		2.2.6.4 List the effective therapeutic measures of parasitic infections.	*			*	*							





			Met	thods	of teac	hing an	nd lear	ning		Met	hods o	of trai	ning	
Domain/ Competency	Key elements	Subjects Objectives 2.2.6.5 Integrate the most	Interactive Lectures	Brain storming	Problem based learning	E-learning	Blended Learning	Project based learning	Performance Based Training	Case study	Role playing	OSCE Simulation	Virtual reality	Practical/Field Training
		2.2.6.5 Integrate the most important signs and symptoms of important parasitic infections and the laboratory test findings into a meaningful diagnostic significance.	·			*	*							
		2.2.6.6 Describe different preventive and control measures for trematode infection. 2.2.6.7 Preparing for stool and urine	*			*	*							
		examination and interpretation of results.												





			Me	thods	of teac	hing ar	ıd learı	ning	Methods of training						
Domain/ Competency	Key elements	Subjects Objectives	Interactive Lectures	Brain storming	Problem based learning	E-learning	Blended Learning	Project based learning	Performance Based Training	Case study	Role playing	OSCE Simulation	Virtual reality	Practical/Field Training	
		2.2.6.8 Apply safety measures during blood and sputum examination.	*			*	*								
		2.2.6.9 Enumerate signs and symptoms of common protozoal infection.	*			*	*								
Domain 4: Informatics and technology 4.1 Competence Utilize information and technology to	4.1.1 Use different sources of data related to contemporary	4.1.1.1 Use different sources of data retrieve in reaching parasitological information to remain current with advances in knowledge and practice.	*			*	*								
underpin health care delivery, communicate, manage knowledge	standards of practice and patient care.	4.1.1.2 Compare between morphology of intestinal flukes and blood flukes.	*			*	*								





			Me	thods	of teac	hing ar	ıd lear	ning	Methods of training						
Domain/ Competency	Key elements	Subjects Objectives 4.1.1.3 Classify intestinal	Interactive Lectures	Brain storming	Problem based learning	E-learning	Blended Learning	Project based learning	Performance Based Training	Case study	Role playing	OSCE Simulation	Virtual reality	Practical/Field Training	
and support decision making for		4.1.1.3 Classify intestinal and tissue nematodes	*			*	*								
patient care.		4.1.1.4 Apply information technology during Interpret patient's data in an organized and informative manner.	*			*	*				1				
		4.1.1.5 Use the internet and other electronic sources for collection of data about most important parasitic diseases.	*			*	*				-				
		4.1.1.6 Differentiate between extraintestinal cestodies and intestinal cestodies.	*			*	*								



Matrix between subject objectives and teaching and learning methods Code: MED122 Course name: Parasitology First year/ Second semester Academic year:2025/2026



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SAIRA			Met	hods	of teac	hing an	d lear	ning	Methods of training					
Domain/ Competency	Key elements Subjects Objectives	Interactive Lectures	Brain storming	Problem based learning	E-learning	Blended Learning	Project based learning	Performance Based Training	Case study	Role playing	OSCE Simulation	Virtual reality	Practical/Field Training	
		4.1.1.7 Evaluate the benefits of computerized information management to overcome problems of documenting results.	*			*	*							
		4.1.1.8 Discuss therapeutic measures for intestinal and blood protozoa to enhance patient care.	*			*	*							

Name and Signature

Course Coordinator

Dr. May sa Mand Traky

Name and Signature

Program Coordinator

Dr. Mehbouba Sobby

1171 7025



Matrix between subjects objectives and methods of evaluation Course name: parasitology Academic year:2025/2026 Course code: MED122 First year/ Second semester



Domain	Key element	Subjects Objectives		Metl	hod of eva	luation		
Competency			Periodic exams (Quizzes)	Periodic exams (mid-term)	Final oral exam	Final practical exam	Final written exam	(Electronic)
Domain No. 2: Holistic patients/clients	2.2.6 Utilize information from variety of	2.2.6.1 Identify key terms of parasitology and common endemic parasitic infections.			*	*	*	
care 2.2 Competence	reliable sources for planning and improving	2.2.6.2 Describe the clinical manifestations and differential diagnosis of parasitic diseases.			*	*	*	
Provide health education based on the	health promotion and health education	2.2.6.3 Implement precautions for collection of different samples before analysis.			*	*	*	
needs/problems of the patient/client	activities.	2.2.6.4 List the effective therapeutic measures of parasitic infections.			*	*	*	
within a nursing framework.		2.2.6.5 Integrate the most important signs and symptoms of important parasitic infections and the laboratory test findings into a meaningful diagnostic significance.	-1		*	*	*	



Matrix between subjects objectives and methods of evaluation Course name: parasitology Academic year:2025/2026 Course code: MED122 First year/ Second semester



Domain	Key element	Subjects Objectives		Meth	od of ev	aluation	
Competency			Periodic exams (Quizzes)	Periodic exams (mid-term)	Final oral exam	Final practical exam	Final written exam (Electronic)
		2.2.6.6 Describe different preventive and control measures for trematode infection.			*	*	*
		2.2.6.7 Preparing for stool and urine examination and interpretation of results			*	*	*
		2.2.6.8 Apply safety measures during blood and sputum examination.			*	*	*
		2.2.6.9 Enumerate signs and symptoms of common protozoal infection.		-1-1	*	*	*



Matrix between subjects objectives and methods of evaluation Course name: parasitology Academic year:2025/2026 Course code: MED122 First year/ Second semester



Domain	Key element	Subjects Objectives		Metho	d of eva	aluation	
Competency			Periodic exams (Quizzes)	Periodic exams (mid-term)	Final oral exams	Final practical exam	Final written exam (Electronic)
Domain 4:	4.1.1 Use different	4.1.1.1 Use different sources of			*	*	*
Informatics and	sources of data	data to retrieve in reaching					
technology	related to	parasitological information to					
4.1 Competence	contemporary	remain current with advances in					
Utilize information	standards of	knowledge and practice.					
and technology to	practice and	4.1.1.2 Compare between			*	*	*
underpin health care delivery,	patient care.	morphology of intestinal flukes and blood flukes.					
communicate, Manage knowledge		4.1.1.3 Classify intestinal and			*	*	*
and support		tissue nematodes.					
decision making for patient care.		4.1.1.4 Apply information			*	*	*
patient care.		technology during Interpret					
		patient's data in an organized					
		and informative manner.					



Matrix between subjects objectives and methods of evaluation Course code: MED122 Course name: parasitology

First year/ Second semester



Domain .	Key element	Subjects Objectives	BYEINE	Method	d of eval	uation	N E CH
Competency	Key clement		Periodic exams (Quizzes)	Periodic exams (mid-term)	Final oral exams	Final practical	Final written exam (Electronic)
		4.1.1.5 Use the internet and other electronic sources for collection of data about most important parasitic diseases.			*	*	*
		4.1.1.6 Differentiate between extraintestinal cestodies and intestinal cestodies.			*	*	
		4.1.1.7 Evaluate the benefits of computerized information management to overcome problems of documenting results.			*	*	*
		4.1.1.8 Discuss therapeutic measures for intestinal and blood protozoa to enhance patient care.			*		

Name and Signature

Academic year:2025/2026

Course Coordinator

Dr. haysa thoused Iralg

Name and Signature

Program Coordinator



BENHA UNIVERSITY

معتمدة

Course Specification 2025/2026 Microbiology میکروبیولوجی

Course code: MED 123

لائحه قديمه



معتمدة



Course Specification (2025)

1. Basic Information

Course Title (according to the bylaw)	Microbiolog میکروبیولوجی	y		
Course Code (according to the bylaw)	MED123			
Department/s participating in delivery of the course	Faculty of m		0.	7
Number of teaching hours/points of the course	Theoretical	Practical	Other (specify)	Total
(according to the bylaw)	(2) hours	(1) hours	-	(3) hours
Course Type		باري	اج	
Academic level at which the course is taught			دول (الفرقة /المستوي الا
Academic Program	Bachelor De	gree in Nurs	ing Science	
Faculty/Institute	Nursing			
University/Academy	Benha			
Name of Course Coordinator	DR./ Amira E	ssam		
Course Specification Approval Date	1/7/۲۰۲0			
Course Specification Approval (Attach the decision/minutes of the department /committee/council)	ليو ۲۰۲۰	جلس القسم طنى الجراحى يو	<u>pdf.مـــ</u> سم التمريض الباه	مجلس ق

2. Course Overview (Brief summary of scientific content)

The course aims to providing students with information and skills related to the basics of microbiology and medical immunology and the factors affecting them from a clinical point of view, including the characteristics of microorganisms and their relationship to human health, as well as the basis for the occurrence of infection and the progression of infection.

3. Course Learning Outcomes (ILOS)

Matrix of course learning outcomes CLOs with program outcomes POs (NARS/ARS)

	Program Outcomes (NARS/ARS)	Course Lea	rning Outcomes
(according	ng to the matrix in the program specs)		etion of the course, the student should be able
Cada	T4	to:	Т4
Code	Text	Code	Text
3.1.2	Plan and implement change conducive to the improvement of health care provision.	3.1.2.1	Identify phases of microbial growth curve and mechanism of microbial reproduction
	nealth date provision.	3.1.2.2	Enumerate methods of prevention nosocomial infection
		3.1.2.3	List bacterial cell structure and physiological function of bacterial component
		3.1.2.4	Enumerate the roles of microbiology in human health and disease in health care setting
		3.1.2.5	Differentiate between immunology and microbiology
3.2.2	Act to protect patients and their families from unsafe, illegal, or	3.2.2.1	Practice safety measures when handling infectious materials and clinical samples
	unethical care practices in different work settings.	3.2.2.2	Mention aseptic technique and standard precautions in immunization
		3.2.2.3	Use national and international guidelines related to infection prevention and control
		3.2.2.4	List legal and ethical responsibilities of nurses in preventing nosocomial infection
4.1.1	Use different sources of data related to contemporary standards of practice and patient	4.1.1.1	Define antimicrobial therapy and understand its principles in treatment of bacterial infection
	care.	4.1.1.2	Compare between contemporary national and international standards related to antimicrobial chemotherapy
		4.1.1.3	Identify current guidelines when administering and monitoring antimicrobial chemotherapy

4. Teaching and Learning Methods

- 1. Interactive lecture.
- 2. Blended Learning.
- 3. E-learning.

Course Schedule

	Colontific content of the		Expected	number of the	e Learning Ho	ours
Number of the Week	Scientific content of the course (Course Topics)	Total Weekly Hours	Theoretical teaching (lectures/discussio n groups/)	Training (Practical/Cli nical/)	Self- learning (Tasks/ Assignments / Projects/)	Other (to be determined)
1	Introduction to microbiology	3 hours	2 hours	1 hour		
2	Bacterial cell structure	3 hours	2 hours	1 hour		
3	Bacterial cell structure	3 hours	2 hours	1 hour		
4	Bacterial physiology	3 hours	2 hours	1 hour		
5	Bacterial physiology	3 hours	2 hours	1 hour		
6	Metabolism, reproduction and growth curve	3 hours	2 hours	1 hour		
7	Metabolism, reproduction and growth curve	3 hours	2 hours	1 hour		
8	Immunology	3 hours	2 hours	1 hour		
9	Immunization	3 hours	2 hours	1 hour		
10	Nosocomial infection	3 hours	2 hours	1 hour		
11	Infection control	3 hours	2 hours	1 hour		
12	Antimicrobial chemotherapy	3 hours	2 hours	1 hour		
13	Antimicrobial chemotherapy	3 hours	2 hours	1 hour		
14	Collection of clinical samples	3 hours	2 hours	1 hour		
15	Collection of clinical samples	3 hours	2 hours	1 hour		

5. Methods of students' assessment

No.	Assessment Methods *	Assessment Timing (Week Number)	Marks/ Scores	Percentage of total course Marks
1	Final practical examination	15 th week	10	10%
2	Oral examination	16 th week	10	10%
3	Final written examination (electronic)	16 th week	80	80%

6. Learning Resources and Supportive Facilities *

8		Essam, A., (2025): Electronic book(CD) for micobiology, 1st year, faculty of medicine, Benha university.
Learning resources	The main (essential) reference for the course (must be written in full according to the scientific documentation method)	Kiersze, A. & Tres,L.(2022):Microbiology: ,3 rd ed., Elsevier Health Sciences, New York. Reviews, C. (2022): Microbiology and cell biology: An Introduction to microbiology,2 rd ed., Wiley company, London.
(books,	Other References	₩8
references, etc.) *	Electronic Sources (Links must be added)	https://www.google.com.eg/books/edition/Microbiolog y_and_Infection_Prevention_an/IK2ICwAAQBAJ?hl= ar&gbpv=1&dq=links+for+microbiology+books+for+ nursing+students&pg=PA35&printsec=frontcover https://www.google.com.eg/books/edition/Microbiolog y_for_the_Healthcare_Professi/bogzEAAAQBAJ?hl=a r&gbpv=1&dq=links+for+microbiology+books+for+n ursing+students&pg=PA281&printsec=frontcover
	Learning Platforms (Links must be added)	https://ebook1.bu.edu.eg
	Other (to be mentioned)	**
Supportive	Devices/Instruments	Data show
facilities &	Supplies	
equipment	Electronic Programs	Microsoft team
for teaching	Skill Labs/ Simulators	
and	Virtual Labs	
learning *	Other (to be mentioned)	

Name and Signature Course Coordinator Dr. Amiroc On Hibbooks S. Shy

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Matrix between subjects objectives and teaching and learning methods Course name: Microbiology Code: MED123

Academic year: 2025/2026 First year /2nd semster

Domain/	Key elements		Met	thods	of tea	ching	and l	earniı	ng		Me	thods	of trair	ning	
competency		Subjects Objectives	Interactive lecture	Brain storming	Problem- based	Self-learning	E-learning	Blended Learning	Project based learning	Performance Based Training	Case study	Role playing	OSCE Simulation	Virtual reality	Practical/Fiel d Training
Domain No. 3 Managing people, work environment and quality	3.1.2 Plan and implement change conducive to the improvement of	3.1.2.1 Identify phases of microbial growth curve and mechanism of microbial reproduction	*				*	*							
3.1 competency Demonstrate effective managerial and leadership skills	health care provision.	3.1.2 .2 Enumerate methods of prevention nosocomial infection	*				*	*							
in the provision of quality nursing care.		3.1.2 .3 List bacterial cell structure and physiological function of bacterial component	*				*	*							
		3.1.2 .4 Enumerate the roles of microbiology in human health and disease in health care setting	*				*	*							
		2.1.2.5 Differentiate between immunology and microbiology	*				*	*							







Matrix between subjects objectives and teaching and learning methods Course name: Microbiology Code: MED123

Academic year: 2025/2026 First year /2nd semster

Key elements		Met	thods	of tea	ching	and l	earni	ng		Me	thods	of train	ning	
	Subjects Objectives	Interactive lecture	Brain storming	Problem- based	Self- learning	E-learning	Blended Learning	Project based learning	Performan ce Based Training	Case study	Role nlaving	OSCE Simulation	Virtual reality	Practical/ Field Training
3.2.2 Act to protect patients and their families from	3.2.2.1 safety Practice measures when handling infectious materials and clinical samples	*				*	*							
or unethical care practices in different work settings.	3.2.2.2 Mention aseptic technique and standard precautions in immunization	*				*	*							
	3.2.2.3 Use national and international guidelines related to infection prevention and control	*				*	*							
	3.2.2.4 List legal and ethical responsibilities of nurses in preventing nosocomial infection	*				*	*							
	3.2.2 Act to protect patients and their families from unsafe, illegal, or unethical care practices in different work	3.2.2 Act to protect patients and their families from unsafe, illegal, or unethical care practices in different work settings. 3.2.2.1 safety Practice measures when handling infectious materials and clinical samples 3.2.2.2 Mention aseptic technique and standard precautions in immunization 3.2.2.3 Use national and international guidelines related to infection prevention and control 3.2.2.4 List legal and ethical responsibilities of nurses in preventing	3.2.2 Act to protect patients and their families from unsafe, illegal, or unethical care practices in different work settings. 3.2.2.3 Wention aseptic technique and standard precautions in immunization 3.2.2.3 Use national and international guidelines related to infection prevention and control 3.2.2.4 List legal and ethical responsibilities of nurses in preventing	3.2.2 Act to protect patients and their families from unsafe, illegal, or unethical care practices in different work settings. 3.2.2.3 Wention aseptic technique and standard precautions in immunization 3.2.2.3 Use national and international guidelines related to infection prevention and control 3.2.2.4 List legal and ethical responsibilities of nurses in preventing nosocomial infection	3.2.2 Act to protect patients and their families from unsafe, illegal, or unethical care practices in different work settings. 3.2.2.3 Wention aseptic technique and standard precautions in immunization 3.2.2.3 Use national and international guidelines related to infection prevention and control 3.2.2.4 List legal and ethical responsibilities of nurses in preventing nosocomial infection	3.2.2 Act to protect patients and their families from unsafe, illegal, or unethical care practices in different work settings. 3.2.2.3 Wention aseptic technique and standard precautions in immunization 3.2.2.3 Use national and international guidelines related to infection prevention and control 3.2.2.4 List legal and ethical responsibilities of nurses in preventing nosocomial infection	3.2.2 Act to protect patients and their families from unsafe, illegal, or unethical care practices in different work settings. 3.2.2.3 Use national and international guidelines related to infection prevention and control 3.2.2.4 List legal and ethical responsibilities of nurses in preventing nosocomial infection 3.2.2.4 List legal and ethical responsibilities of nurses in preventing nosocomial infection 3.2.2.3 Use national and ethical responsibilities of nurses in preventing nosocomial infection 3.2.2.4 List legal and ethical responsibilities of nurses in preventing nosocomial infection 3.2.2.3 Use national and ethical responsibilities of nurses in preventing nosocomial infection 3.2.2.4 List legal and ethical responsibilities of nurses in preventing nosocomial infection	3.2.2 Act to protect patients and their families from unsafe, illegal, or unethical care practices in different work settings. 3.2.2.3 Use national and international guidelines related to infection prevention and control 3.2.2.4 List legal and ethical responsibilities of nurses in preventing nosocomial infection 3.2.2.4 List legal and ethical responsibilities of nurses in preventing nosocomial infection	3.2.2 Act to protect patients and their families from unsafe, illegal, or unethical care practices in different work settings. 3.2.2.3 Use national and international guidelines related to infection prevention and control 3.2.2.4 List legal and ethical responsibilities of nurses in preventing nosocomial infection 3.2.2.4 List legal and ethical responsibilities of nurses in preventing nosocomial infection	Subjects Objectives 3.2.2 Act to protect patients and their families from unsafe, illegal, or unethical care practices in different work settings. 3.2.2.3 Use national and international guidelines related to infection prevention and control 3.2.2.4 List legal and ethical responsibilities of nurses in preventing nosocomial infection 3.2.2.4 List legal and ethical responsibilities of nurses in preventing nosocomial infection	3.2.2 Act to protect patients and their families from unsafe, illegal, or unethical care practices in different work settings. 3.2.2.3 Use national and international guidelines related to infection prevention and control 3.2.2.4 List legal and ethical responsibilities of nurses in preventing nosocomial infection	3.2.2 Act to protect patients and their families from unsafe, illegal, or unethical care practices in different work settings. 3.2.2.3 Wention aseptic technique and standard precautions in immunization 3.2.2.3 Use national and international guidelines related to infection prevention and control 3.2.2.4 List legal and ethical responsibilities of nurses in preventing nosocomial infection 3.2.2.4 List legal and ethical responsibilities of nurses in preventing nosocomial infection	3.2.2 Act to protect patients and their families from unsafe, illegal, or unethical care practices in different work settings. 3.2.2.3 Use national and international guidelines related to infection 3.2.2.4 List legal and ethical responsibilities of nurses in preventing nosocomial infection 3.2.2.4 List legal and ethical responsibilities of nurses in preventing nosocomial infection	3.2.2 Act to protect patients and their families from unsafe, illegal, or unethical care practices in different work settings. 3.2.2.3 Use national and international guidelines related to infection 3.2.2.4 List legal and ethical responsibilities of nurses in preventing nosocomial infection 3.2.2.4 List legal and ethical responsibilities of nurses in preventing nosocomial infection





Matrix between subjects objectives and teaching and learning methods

Course name: Microbiology Code: **MED123**

Academic year: 2025/2026

First year /2nd semster

Domain/	Key elements		Me	thods	of tea	ching	and l	earni	ng		Met	thods	of train	ning	
competency	e.	Subjects Objectives	Interactive	Brain	Problem- based	Self- learning	E-learning	Blended	Project based learning	Performanc e Based Training	Case study	Role playing	OSCE Simulation	Virtual	Practical/Fi eld Training
Domain No. 4: Informatics and technology 2.1 competency	4.1.1 Use different sources of data related to contemporary standards of	4.1.1.1 Define antimicrobial therapy and understand its principles in treatment of bacterial infection	*				*	*		***			-	-	-
Utilize information and technology to inderpin health care delivery, communicate, nanage knowledge	practice and patient care.	4.1.1.2 Compare between contemporary national and international standards related to antimicrobial chemotherapy	*		1777		*	*			_			_	
and support decision naking for patient are.		4.1.1.3 Identify current guidelines when administering and monitoring antimicrobial chemotherapy	*	_		15	*	*						_	-

Name and Signature Course Coordinator

Name and Signature Mr. Hehborba So bhy

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Matrix between subjects objectives and methods of evaluation Course name: Microbiology Code:MED123

Academic year: 2025/2026 First year /2nd semster

Domain/ competency	Key elements			Meth	od of Ev	aluation	
		Subjects Objectives	Periodic exams (semester work)	Mid-term exam	Oral exams	Clinical	Final written exam (Electronic)
Domain No. 3 Managing people, work environment and quality	3.1.2 Plan and implement change conducive to the	3.1.2.1 Identify phases of microbial growth curve and mechanism of microbial reproduction			*	*	*
3.1 competency Demonstrate effective managerial and	improvement of health care provision.	3.1.2 .2 Enumerate methods of prevention nosocomial infection			*	*	*
leadership skills in the provision of quality nursing care.	provision.	3.1.2 .3 List bacterial cell structure and physiological function of bacterial component			*	*	*
narsing care.		3.1.2 .4 Enumerate the roles of microbiology in human health and disease in health care setting			*	*	*
		2.1.2.5 Differentiate between immunology and microbiology			*	*	*





Matrix between subjects objectives and methods of evaluation Course name: Microbiology Code:MED123

Academic year: 2025/2026 First year /2nd semster

Domain/ competency	Key elements			Meth	od of Ev	aluation	l
		Subjects Objectives	Periodic exams (semester work)	Mid-term exam	Oral exams	Clinical	Final written exam (Electronic)
Domain No. 3 Managing people, work environment and quality	3.2.2 Act to protect patients and their families	3.2.2.1practice safety measures when handling infectious materials and clinical samples			*	*	*
3.2 competency Provide a safe working environment that	from unsafe, illegal, or unethical care practices in	3.2.2.2 Mention aseptic technique and standard precautions in immunization			*	*	*
prevents harm for patients and workers.	different work settings.	3.2.2.3 Use national and international guidelines related to infection prevention and control			*	*	*
		3.2.2.4 List legal and ethical responsibilities of nurses in preventing nosocomial infection			*	*	*





Matrix between subjects objectives and methods of evaluation Code:MED123 Course name: Microbiology

Academic year: 2025/2026

First year /2nd semster

Domain/ competency	Key elements			Met	hod of Ev	aluation	
3	•	Subjects Objectives	Periodic exams (semester work)	Mid-term exam	Oral exams	Clinical	Final written exam (Electronic)
Domain No. 4: Informatics and	4.1.1 Use different sources of data related to	4.1.1.1 Define antimicrobial therapy and understand its principles in treatment of bacterial infection			*	*	*
technology 4.1 competency Utilize information and technology to underpin	standards of practice and patient care.	4.1.1.2 Compare between contemporary national and international standards related to antimicrobial chemotherapy			*	*	*
health care delivery, communicate, manage knowledge and support decision making for patient care.		4.1.1.3 Identify current guidelines when administering and monitoring antimicrobial chemotherapy	-		*	*	*

Name and Signature Course

Coordinator

Name and Signature **Program Coordinator**

84. Mehbouba Sobhy 1/4/2025





Course Specification 2025/2026

اساسيات علم الاجتماع

Principles of Sociology Course code: SUP 121





Course Specification (2025)

1. Basic Information

Course Title (according to the bylaw)	Principles	of Sociolo	•	ساسيات علم				
Course Code (according to the bylaw)	SUP 121							
Department/s participating in delivery of the course	1	t of Sociology Arts, Benha University						
Number of teaching hours/points of the course	Theoretical	Practical	Other (specify)	Total				
(according to the bylaw)	(1) hour	-	-	(1) hour				
Course Type		ببار <i>ي</i>	.)					
Academic level at which the course is taught			ى الاول	الفرقه /المستو				
Academic Program	Bachelor D	egree in N	ursing Sc	ience				
Faculty/Institute	Nursing							
University/Academy	Benha							
Name of Course Coordinator	Dr.Magda	Elhadary						
Course Specification Approval Date	1-7-2025							
Course Specification Approval (Attach the decision/minutes of the department /committee/council)	<u>pd.مجلس القسم</u> حى يوليو 2025	<u>f</u> الباطني الجر ا	م التمريض ا	مجلس قس				

2. Course Overview (Brief summary of scientific content)

This course aims to provide undergraduate students with information on contemporary social dynamics, structures and theories, as well as studying the best major social systems and their role in contemporary society and the most important contemporary issues.

3. Course Learning Outcomes (ILOS)

Matrix of course learning outcomes CLOs with program outcomes POs (NARS/ARS)

	Program Outcomes (NARS/ARS)		rning Outcomes				
(accordin	ng to the matrix in the program specs)	Upon comp	letion of the course, the student should be able				
		to:					
Code	Text	Code	Text				
2.2.1.	Determine health related learning needs of patient/client within the context of	2.2.1.1	Identify social perspectives of the occurrence of disease.				
	culture, values and norms.	2.2.1.2	Identify the role of community in facing the social problems.				
		2.2.13	Explain The social analysis of disease trends.				
		2.2.1.4	List chronic social diseases.				
		2.2.1.5	Evaluates the relationship between creativity and mental and psychological disorders.				
		2.2.1.6	Mention the historical material explanations for health, disease and mortality.				
		2.2.1.7	Discuss the variables of sociology in relation to disease phenomena and treatment.				
		2.2.1.8	Discuss global trends in child health studies.				
		2.2.1.9	Explain the behavior patterns associated with health and diseases.				
		2.2.1.10	Compare aspects related to the spread of diseases among different groups, societies, and cultural environments.				
		2.2.1.11	Discuss the variables of sociology in relation to disease phenomena and treatment.				
		2.2.1.12	Mention the historical material explanations for health, disease and mortality				
		2.2.1.13	Illustrate the social perspective on the occurrence of the diseases.				
		2.2.1.14	Lists the social functions of the family.				
		2.2.1.15	utilize standardized communication approaches to facilitate experiencetransfer across different health care setting				

2.2.1.16	describe the health status of children in the world
2.2.1.17	Differentiate the relationship between social and economic conditions and the state of the body.
2.2.1.18	Acquire social intelligence in dealing with different problem.
2.2.1.19	Use information technology to access on-line medical information, and support their education regarding local trends to study medical sociology.

4. Teaching and Learning Methods

- 1. Interactive lecture.
- 2. Blended Learning.
- 3. E-learning.

Course Schedule

	0-1		Expected	number of the	e Learning Ho	urs
Numb er of the Wee k	Scientific content of the course (Course Topics)	Total Weekly Hours	Theoretical teaching (lectures/discussio n groups/)	Training (Practical/Cli nical/)	Self- learning (Tasks/ Assignments	Other (to be determined)
1	 Chapter 1: Health, Illness, and Social Class brief history Chronic diseases as a social problem The progress of society and its reflection on the change in disease patterns Definition of disease 	1 hour	1 hour		<u></u>	
2	 The social perspective of the occurrence of the disease Social class and disease Social analysis of disease trends 	1 hour	1 hour			1
3	Chapter 2: Theoretical Framework for Health, Disease and Mortality Historical materialistic interpretations of health, disease and mortality Functional structural explanations for health, disease, and death .	1 hour	1 hour			
4	Chapter 2: Theoretical Framework for Health, Disease and Mortality Historical materialistic interpretations of health, disease and mortality	1 hour	1 hour			

	Functional structural explanations for health, disease, and death				
5	Chapter Three: Social Environment and Health • The health status of children in the world	1 hour	1 hour	 	
6	Global trends in the study of child health.	1 hour	1 hour	 	
7	Chapter Four: Applied Models of Some Field Research	1 hour	1 hour	 	
8	Local trends to study medical sociology	1 hour	1 hour	 	
9	Chapter Five: The family and its relationship to health and disease • the social functions of the family	1 hour	1 hour	 	
10	• The family's behavior towards illness as a cause of the disease.	1 hour	1 hour	 	
11	Chapter Six: The Sociology of Mental Illness • Historical overview of mental and psychological disorders	1 hour	1 hour	 	
12	The prevalence of mental and psychological disorders	1 hour	1 hour	 	
13	Environmental and social causes of mental and psychological disorders	1 hour	1 hour	 	
14	Treatment of mental and psychological patients	1 hour	1 hour	 	
15	Treatment of mental and psychological patients	1 hour	1 hour	 	

Methods of students' assessment

No.	Assessment Methods *	Assessment Timing (Week Number)	Marks/ Scores	Percentage of total course Marks
3	Final Written Exam (electronic)	16 th week	50	100%

6. Learning Resources and Supportive Facilities *

Learning resources (books, scientific	The main (essential) reference for the course (must be written in full according to the scientific documentation method)	Magda, etal. (2024): Electronic book (hand out) of sociology, faculty of Arts, Benha university Zaghloul, A. (2023): Emotional and Behavoiral Disorders, (3 th ed.). The Guilford Press, New York, London. The Undertaker, S. (2022): Neurotic Disorders, (4 th ed.). Routeledge and kegenpaul Ltd, USA
references,	Other References	-
etc.) *	Electronic Sources (Links must be added)	https://www.asanet.org/wp content/uploads/savvy/introtosociology/Document s /Field of sociology.htm https://www./specialities -Sociology.com https://www.for Local trends to study medical sociology
	Learning Plat forms (Links must be added)	https://ebook1t.bu.edu.eq
	Other (to be mentioned)	
Supportive	Devices/Instruments	Data show
facilities &	Supplies	med
equipment	Electronic Programs	Microsoft team
for teaching	Skill Labs/ Simulators	HOUSE AND THE PROPERTY OF THE
and	Virtual Labs	
learning *	Other (to be mentioned)	

Name and Signature

Or. mgda Elhadary

Name and Signature

Dr. Mehbouba Sobby

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Matrix between subjects objectives and teaching and learning methods

Course name: sociology Code: SUP 121

Academic year 2025/2026 First year/ second semester

		Subjects	M	ethod	s of te	achi	ing a	nd lea	rning		N	1 etho	ds of t	raini	ng				
Domain/ Competency	Key elements	Objectives	Interactive lecture		Problem-based learning	Self-learning	E-learning	Blended Learning	Project based learning	Performance Based Training	Case study	Role playing	OSCE Simulation	Virtual reality	Practical/Field Training	Electronic learning	Blended learning	advanced mobile	Educational video
2-2- Competency		2.2.1.1 Identify social perspectives of the occurrence of disease.	*	-	-		*	*	-				-	_	_	_	_	_	_
provide health education based on the		2.2.1.2 Identify the role of community in facing the social problems.	*	-	-	-	*	*	-	-	-	-		-	-	-	-	-	-
needs/problems of the patient/client within a nursing framewor	context of culture, values and norms.	2.2.1.3 Explain The social analysis of disease trends.	*	-	-	•	*	*	-	-	-	-	-	-	-	-	-	-	-





Matrix between subjects objectives and teaching and learning methods

Course name: sociology Academic year 2025/2026

First year/ second semester

		Subjects	Method	s of te	eachi	ing a	nd lear	rning		N	1etho	ds of t	raini	ng				
Domain/ Competency	Key elements	Objectives	Interactive lecture	Problem-based learning	Self-learning	E-learning	Blended Learning	Project based learning	Performance Based Training	Case study	Role playing	OSCE Simulation	Virtual reality	Practical/Field Training	Electronic learning	Blended learning	advanced mobile	Educational video
		2.2.1.4 List chronic social diseases.	*	-		*	*	-	_	-	-	_	_	-	-	_	_	_
		2.2.1.5 Evaluates the relationship between creativity and mental and psychological disorders.	*	-	•	*	*	-	-	-	-	-	-	-	-	-	-	-
		2.2.1.6 Mention the historical material explanations for health, disease and mortality.	*	-	1	*	*	-	-	-	-	-	-	-	-	-	-	-





Matrix between subjects objectives and teaching and learning methods

Course name: sociology Academic year 2025/2026

First year/ second semester

		Subjects	M	ethod	ls of to	eachi	ing an	ıd learı	ning		Metl	hods of	training	<u> </u>					
Domain/ Competency	Key elements	Objectives	Interactive lecture	Brain storming	Problem-based learning	Self-learning	E-learning	Blended Learning	Project based learning	Performance Based Training	Case study	Role playing	OSCE Simulation	Virtual reality	Practical/Field Training	Electronic learning	Blended learning	advanced mobile	Educational video
		2.2.1.7 List chronic social diseases.	*	_	_	-	*	*	_	-	-	-	-	-	-	_	-	_	_
		2.2.1.8 Explain the behavior patterns associated with health and diseases.	*	-	•	•	*	*	-	-	-	-	-	-	-	-	-	-	-
		2.2.1.9 Describe the causal relationships and factors affecting the emergence of diseases.	*	-	-	-	*	*	-	-	-	-	-	-	-	-	-	-	-





Matrix between subjects objectives and teaching and learning methods

Course name: sociology Academic year 2025/2026

First year/ second semester

		Subjects	M	ethod	ls of to	eachi	ng ar	nd lear	ning		Meth	nods of	training						
Domain/ Competency	Key elements	Objectives	Interactive lecture	Brain storming	Problem-based learning	Self-learning	E-learning	Blended Learning	Project based learning	Performance Based Training	Case study	Role playing	OSCE Simulation	Virtual reality	Practical/Field Training	Electronic learning	Blended learning	advanced mobile	Educational video
		2.2.1.10 Compare aspects related to the spread of diseases among different groups, societies, and cultural environments.	*	-		-	*	*	-	-	-	-	-		-	1	-	-	-
		2.2.1.11 Discuss the variables of sociology in relation to disease phenomena and treatment.	*	-	•	-	*	*	1	-	-	1	-	1	1	-	-	-	-
		2.2.1.12 Mention the historical material explanations for health, disease and mortality	*	-	-	-	*	*	-	-	-	-	-	-	-	-	-	-	-





Matrix between subjects objectives and teaching and learning methods

Course name: sociology Academic year 2025/2026

First year/ second semester

		Subjects	M	ethod	ls of to	eachi	ng an	d learr	ning		Metl	ods of	training						
Domain/ Competency	Key elements	Objectives	Interactive lecture	Brain storming	Problem-based learning	Self-learning	E-learning	Blended Learning	Project based learning	Performance Based Training	Case study	Role playing	OSCE Simulation	Virtual reality	Practical/Field Training	Electronic learning	Blended learning	advanced mobile	Educational video
		2.2.1.13 Illustrate the social perspective on the occurrence of the diseases.	*	•	-	-	*	*		1	-			-	1	1	1	-	-
		2.2.1.14 Lists the social functions of the family.	*	ı	-	ı	*	*	•	1	-	1	1	-	1	ı	ı	-	-
		2.2.1.15 utilize standardized communication approaches to facilitate experiencetransfer across different health care setting	*	-	-	-	*	*	•	-	-	-	-	-	•	-	-	-	-





Matrix between subjects objectives and teaching and learning methods

Course name: sociology Academic year 2025/2026

First year/ second semester

		Subjects	M	ethods	s of tea	achin	g an	d learni	ing		Met	thods of	trainin	g					
Domain/ Competency	Key elements	Objectives 2.2.1.16 describe the health status of	Interactive lecture	Brain storming	Problem-based learning	Self-learning	E-learning	Blended Learning	Project based learning	Performance Based Training	Case study	Role playing	OSCE Simulation	Virtual reality	Practical/Field Training	Electronic learning	Blended learning	advanced mobile	Educational video
		2.2.1.16 describe the health status of children in the world	*	-	-	-	*	*	-	-	-	-	-	-	-	-	-	-	-
		2.2.1.17 Differentiate the relationship between social and economic conditions and the state of the body.	*	-	-		*	*	-	,	-	-	-	-	-		-	1	-
		2.2.1.18 Acquire social intelligence in dealing with different problem.	*	-	-	-	*	*	-	-	-	-	-	-	-	-	-	-	-





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Matrix between subjects objectives and teaching and learning methods

Course name: sociology Academic year 2025/2026

First year/ second semester

Code: SUP 121

Domain/		Subjects	Me	thods	of tea	chin	gano	l learn	ing		Me	thods of	trainin	g				,	Educational video
E Charles was not come	Key elements	Objectives	nteractive lecture	Interactive lecture Brain storming	Problem-based learning	Self-learning	E-learning	Blended Learning	Project based learning	Performance Based Training	Case study	Role playing	OSCE Simulation	Virtual reality	Practical/Field Training	Electronic learning	Blended learning	advanced mobile	Ancational video
		2.2.1.19 Use information technology to access on-line medical information, and support their education regarding local trends to study medical sociology.	*	-	-	-	*		-	-	9	-	-			-	-	-	

Name and Signature Course Coordinator

Dr. mag da Elhadare

Program Coordinator

Dr. Makbes ba Sobby

1-7- 2025





Matrix between subjects objectives and methods of evaluation

Course name: principle of sociology Code: SUP121

Academic year :2025/2026 First year / 2nd semster

Domain	Key element	Subjects Objectives		Me	thod of I	Evaluatio	on
Competency			Periodic exams (Quizzes)	(mid-term	Oral exams	Clinical exams	Final Written exam (Electronic
2-2- Competency Provide health education based on the needs/problems of the patient/client	2.2.1. Determine health related learning needs of patient/client within the context of culture, values	2.2.1.1 Identify social perspectives of the occurrence of disease.	-	-	-	-	*
within a nursing	and norms.	2.2.1.2 Identify the role of community in facing the social problems.	-	-	-	-	*
framework.		2.2.1.3 Explain The social analysis of disease trends.	-	-	-	-	*
		2.2.1.4 List chronic social diseases.	-	-	-	-	*





Matrix between subjects objectives and methods of evaluation

Course name: principle of sociology Code: SUP121

Academic year :2025/2026 First year / 2nd semster

Domain	Key element	Subjects Objectives		Met	thod of Ev	valuation	
Competency			Periodic exams (Quizzes)	(mid-term)	Oral exams	Clinical	Written exam (Electroni)
		2.2.1.5 Evaluates the relationship between creativity and mental and psychological disorders.	-	-	-	-	*
		2.2.1.6 Mention the historical material explanations for health, disease and mortality.	-	-	-	-	*
		2.2.1.7 List chronic social diseases.	-	-	-	-	*
		2.2.1.8 Explain the behavior patterns associated with health and diseases.	-	-	-	-	*
		2.2.1.9 Describe the causal relationships and factors affecting the emergence of diseases.	-	-	-	-	*
		2.2.1.\(\text{0}\) Compare aspects related to the spread of diseases among different groups, societies, and cultural environments.	-	-	-	-	*





Matrix between subjects objectives and methods of evaluation

Course name: principle of sociology Code: SUP121

Academic year :2025/2026 First year / 2nd semster

Domain	Key element	Subjects Objectives		Meth	od of I	Evaluatio	n
Competency			Periodic exams (Quizzes)	(mid-term)	Oral exams	Clinical exams	Final Written exam (Electronic
		2.2.1.11 Discuss the variables of sociology in relation to disease phenomena and treatment.	-	-	-	-	*
		2.2.1.12 Mention the historical material explanations for health, disease and mortality	-	-	-	-	*
		2.2.1.13 Illustrate the social perspective on the occurrence of the diseases.	-	-	-	-	*
		2.2.1.14 Lists the social functions of the family.	-	-	-	-	*
		2.2.1.15 utilize standardized communication approaches to facilitate experiencetransfer across different health care setting	-	-	-	-	*
		2.2.1.16 describe the health status of children in the world	-	-	-	-	*
		2.2.1.17 Differentiate the relationship between social and economic conditions and the state of the body.	-	-	-	-	*





Matrix between subjects objectives and methods of evaluation

Course name: principle of sociology

Academic year :2025/2026

Code: SUP121

First year / 2nd semster

Domain	Key element	Subjects Objectives		Me	ethod of	Evaluatio	tion							
Competency			Periodic exams (Quizzes)	(mid-term	Oral exams	Clinical	Final Written exam	Electronic						
		2.2.1.18 Acquire social intelligence in dealing with different problem.	-	-	-	-	*							
		2.2.1.19 Use information technology to access on-line medical information, and support their education regarding local trends to study medical sociology.	-	-	-	-	*							

Name and Signature

Or. Magden Elhadarey

Name and Signature

Program Coordinator





Course Specification

2025/2026

لغة انجليزية (2)

English II

Course code: SUP 122





Course Specification (2025)

1. Basic Information

Course Title (according to the bylaw)	ة انجليزية (2) English II										
Course Code (according to the bylaw)	SUP 122										
Department/s participating in delivery of the course	Faculty of	Education	, Benha U	Iniversity							
Number of teaching hours/points of the course	Theoretical	Practical	Other (specify)	Total							
(according to the bylaw)	(1) hour	-	-	(1) hour							
Course Type		<u> بباري</u>	ا	1							
Academic level at which the course is taught			الاول	الفرقه /المستوى							
Academic Program	Bachelor D	egree in N	ursing Sc	ience							
Faculty/Institute	Nursing										
University/Academy	Benha										
Name of Course Coordinator	Dr. Basant Sa	mir									
Course Specification Approval Date	1-7-2025										
Course Specification Approval (Attach the decision/minutes of the department /committee/council)	<u>pdf.مجلس القسم</u> حى يوليو 2025	الباطني الجرا	م التمريض ا	مجلس قس							

2. Course Overview (Brief summary of scientific content)

This course aims to equip undergraduate students with English language skills effectively for promoting students' communication by using conversation and writing skills.

3. Course Learning Outcomes (ILOS)

Matrix of course learning outcomes CLOs with program outcomes POs (NARS/ARS)

	Program Outcomes (NARS/ARS)		rning Outcomes
(accordin	ng to the matrix in the program specs)	Upon compl	etion of the course, the student should be able
`		to:	
Code	Text	Code	Text
2.2.1.	Determine health related learning needs of patient/client within the context of culture, values and	2.2.1.1	Utilize appropriate medical terminology related to health assessment Use reading skills In different context.
	norms.	2.2.1.3	Describe different types of texts to obtain and utilize relevant information for common health situations.
		2.2.1.4	Design different dialogue related to responsibility and accountability of the role of nurse.
2.2.3.	Participate in informal and formal methods of teaching that correspond to the health of patient/client needs and abilities	2.2.3.1	Synthesize phrases using the past simple tense while writing patients reports about past history.
	in different health care settings	2.2.3.2	Create phrases using the present simple tense while writing patients reports about current history.
		2.2.3.3	Identify phrases using the past and present continuoustense.
		2.2.3.4	Formulate phrases by using "pronoun".
		2.2.3.5	Construct phrases using appropriate phonology
		2.2.3.6	Describe phrases using passive voice

4. Teaching and Learning Methods

- 1. Interactive lectures.
- 2. Blended Learning.
- 3. E-learning.

Course Schedule

	Colontific content of the		Expected	number of the	e Learning Ho	ours
Number of the Week	Scientific content of the course (Course Topics)	Total Weekly Hours	Theoretical teaching (lectures/discussio n groups/)	Training (Practical/Cli nical/)	Self- learning (Tasks/ Assignments / Projects/)	Other (to be determined)
1	Reading comprehension sentences Dialogue practice	1 hour	1 hour			
2	The past simple tense.	1 hour	1 hour			
3	The past simple tense.	1 hour	1 hour			
4	The present simple tense	1 hour	1 hour			
5	The present continuous tense.	1 hour	1 hour			
6	The present continuous tense.	1 hour	1 hour			
7	The past continuous tense	1 hour	1hour			
8	Relative pronouns	1 hour	1 hour			
9	Relative pronouns	1 hour	1 hour			
10	Reflexive pronouns.	1 hour	1 hour			
11	Reflexive pronouns.	1 hour	1 hour			
12	Phonology.	1 hour	1 hour			
13	Phonology.	1 hour	1 hour			
14	Passive voice	1 hour	1 hour			
15	Passive voice	1 hour	1 hour			

5. Methods of students' assessment

No.	Assessment Methods *	Assessment Timing (Week Number)	Marks/ Scores	Percentage of total course Marks
1	Oral exam	16 th week	10	20%
2	Final Written Exam (electronic)	16 th week	40	80%

6. Learning Resources and Supportive Facilities *

Learning resources (books, scientific	The main (essential) reference for the course (must be written in full according to the scientific documentation method)	Basant, S. (2025):Electronic hand out of English. 1st year ,Facult of education, Benha University . Mehlhorn H. (2023):Progress in English , 1st ed. Springer Company, New York. Cox FG. (2022): A Textbook english 2nd ed, Wiley company, USA.
references,	Other References	-
etc.) *	Electronic Sources (Links must be added)	http://www. The past simple tense.com http://www. The present continuous tense.com http://www.med.sc.edu/book/welcome.htm
	Learning Platforms (Links must be added)	https://ebook?.bu.edu.eg
	Other (to be mentioned)	Fig. :
Supportive	Devices/Instruments	Data show
facilities &	Supplies	-
equipment	Electronic Programs	Microsoft team
for teaching	Skill Labs/ Simulators	.=
and	Virtual Labs	
learning *	Other (to be mentioned)	-

Name and Signature Course Coordinator

Dr. Basant Samir

Name and Signature
Program Coordinator
Program

4





Matrix between subjects objectives and teaching and learning methods

Course name: English II
Academic year: 2025/2026

Code: SUP122
First year/ Second semester

		Subjects	M	[etho	ds of	teac	hing	g and l	earnin	g	I	Metl	ods o	of tra	inin	g									
Domain/ Competency	Key elements	Key elements Objectives	Interactive lecture	Brain	Problem-based	Self-learning	F_learning	Blended Learning	Project based learning	Performanc e Based	Case study	Role playing	OSCE Simulation	Virtual reality	Practical/Field	Electronic learning	Blended learning	advanced mobile	Educational video						
2-2- Competency provide health	Determine	2.2.1. 1Utilize appropriate medical terminology related to health assessment	*	-	-	-	*	*	-	-	-	-	-	-	-	-	-	-	-						
education based on the needs/problems of the patient/client within a nursing framework.	health related	2.2.1. 2Use reading skills In different context.	*	-	-		*	*	-		-	-	-	-	-	-	-	-	-						





Matrix between subjects objectives and teaching and learning methods

Course name: English II
Academic year: 2025/2026

Code: SUP122
First year/ Second semester

		Subjects	M	[etho	ds of	teac	hing	g and l	earnin	g	I	Metl	ods o	f tra	inin	g			
Domain/ Competency	Key elements	Key elements Objectives	Interactive lecture	Brain	Problem-based	Self-learning	F-learning	Blended Learning	Project based learning	Performanc e Based	Case study	Role playing	OSCE Simulation	Virtual reality	Practical/Field	Electronic learning	Blended learning	advanced mobile	Educational video
		2.2.1. 3Describe different types of texts to obtain and utilize relevant information for common health situations.	*	-	-	-	*	*	-	-	-	-	-	-	-	1	-	-	-
		2.2.1.4 Design different dialogue related to responsibility and accountability of the role of nurse.	*	1	-	1	*	*	-	-	-	-	-	-	-	1	-	-	-





Matrix between subjects objectives and teaching and learning methods

Course name: English II
Academic year: 2025/2026

Code: SUP122
First year/ Second semester

		Subjects	M	ethod	s of te	eachin	ıg and	l learni	ng		M	Ietho	ds of	f trai	ning				
Domain/ Competency	Key elements	Objectives	Interactive lecture	Brain storming	Problem-based learning	Self-learning	E-learning	Blended Learning	Project based learning	Performance Based Training		Role playing	OSCE Simulation	Virtual reality	Practical/Field Training	Electronic learning	Blended learning	advanced mobile	Educational video
	2.2.3.Participate in informal and formal methods of teaching that correspond to the health of patient	2.2.3.1 Synthesize phrases using the past simple tense while writing patients reports about past history.	*	-	-	-	-	*	-	-	-	-	-	-	-	*	-	-	-
	/client needs and abilities in different health care settings.	2.2.3.2 Create phrases using the present simple tense while writing patients reports about current history.	*	-	-	-	-	*	-	-	-	-	-	-	-	*	-	-	-
		2.2.3.3 Identify phrases using the past and present continuous tense.	*	-	-	-	-	*	-	-	-	-	-	-	-	*	-	-	-





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Matrix between subjects objectives and teaching and learning methods

Course name: English II Academic year: 2025/2026

Code: SUP122 First year/ Second semester

Th		Subjects	Me	thod	s of te	achin	g and	learni	ing		Methods of training								
Domain/ Competency	Key elements	Objectives	Interactive lecture	Brain storming	Problem-based learning	Self-learning	E-learning	Blended	Project based learning	Performance Based Training	Case study	Role playing	OSCE Simulation	Virtual reality	Practical/Field Training	Electronic learning	Blended learning	advanced mobile	Felineational video
		2.2.3.4 Formulate phrases by using "pronoun".	S. 6.	Ť	•	127	ē	*1		-	-	-		2			200		100
		2.2.3.5Construct phrases using appropriate phonology				S	27	*	3	Was	55	9	88	*	÷	*	*	•	
		2.2.3.6 Describe phrases using passive voice	•	8	.+	9	2	*		YE.	3	100	2	ā	-	٠	**		

Name and Signature Course Coordinator

Dr. Basant Samil

Name and Signature Program Coordinator

Dr. Mahberba Sobhy





Matrix betweensubjects objectives and methods of evaluation

Course name: English II
Academic year: 2025/2026

Course code: SUP 122
First year/ Second Semester

Domain	Key element	Subjects Objectives		Metho	d of E	Evaluatio	n
Competency			Periodic exams (Quizzes)	(mid-term	Oral exams	Clinical exams	Final Written exam (Electronic
2-2- Competency Provide health education based on the needs/proble ms of the	patient/client within the context of culture, values and	2.2.1.1 Utilize appropriate medical terminology related to health assessment	-	-	*	-	*
patient/client	norms.	2.2.1.2 Use reading skills In different context.	-	-	*	-	*
within a nursing framework.		2.2.1.3 Describe different types of texts to obtain and utilize relevant information for common health situations.	-	-	*	-	*
		2.2.1.4 Design different dialogue related to responsibility and accountability of the role of nurse.	-	-	*	-	*





Matrix betweensubjects objectives and methods of evaluation

Course name: English II
Academic year: 2025/2026

Course code: SUP 122
First year/ Second Semester

Domain	Key element	Subjects Objectives		N	Iethod of	Evaluatio	n
Competency			Periodic exams (Quizzes)	(mid-term)	Oral exams	Clinical exams	Final Written exam (Electronic)
	2.2.3. Participate in informal and formal methods of teaching that correspond to the health	2.2.3.1Synthesize phrases using the past simple tense while writing patients reports about past history.	-	-	*	-	*
	of patient/client needs and abilities in different health care	2.2.3.2 Create phrases using the present simple tense while writing patients reports about current history.	-	1	*	-	*
	settings	2.2.3.3 Identify phrases using the past and present continuous tense.	-	-	*	-	*
		2.2.3.4 Formulate phrases by using "pronoun".	-	-		-	*
					*		
		2.2.3.5 Construct phrases using appropriate phonology	-	-	*	-	*





Matrix betweensubjects objectives and methods of evaluation

Course name: English II Academic year: 2025/2026

Course code: SUP 122 First year/ Second Semester

Domain	Key element	Subjects Objectives	Method of Evaluation									
Competney			Periodic exams (Quizzes)	(mid-term)	Oral exams	Clinical	Final Written exam Electronic					
11		2.2.3.6 Describe phrases using passive voice.	-	-		-	*					

Name and Signature Course_Coordinator

Or. Basant Samil

Name and Signature Program Coordinator

Dr. Mahbeobasobly





مجالس الأقسام العلمية لاعتماد توصيف المقررات الدراسية للعام الجامعي ٥٢٠٢٠٢







السيد الأستاذ الدكتور / عميد الكلية

تحية طيبة وبعد

نتشرف بأن نرفق لسيادتكم طيه محضر اجتماع مجلس قسم تمريض الباطني الجراحي عن شهر يوليو المنعقد يوم الثلاثاء الموافق ٢٠٢٥/١ وبرجاء التفضل بالموافقة على ما جاء بالمحضر والعرض على مجلس الكلية.

ولسيادتكم جزيل الشكر

رنس مجلس الفسم الد المل سعيد طه الا المل سعيد طه

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محضر مجلس قسم التمريض الباطني والجراحي لشهر يوليو ٢٠٢٥

بنود مجلس قسم التمريض الباطني الجراحي لشهر يوليو ٢٠٢٥

يوم الثلاثاء الموافق ١/٧/١ 2025

البند الاول: شئون الطلاب التعليمية

- 1- مناقشة أعضاء مجلس القسم ما تم بخصوص الخطة الدراسية للترم الصيفي حيث أنه سوف يتم بدء الترم يوم السبت 2025/7/5
- 2- اعتماد مجلس القسم ترشيحات أعضاء هيئة التدريس لتدريس مادة تمريض البالغين ومادة تمريض الحالات الحرجة والطوارئ العملي والنظري لطلبة برنامج المكثف الدفعة السادسة والدفعة الخامسة (مرفق طيه جدول الترشيحات).

البند الثاني: الدراسات العليا

1- اعتماد مجلس القسم عمل سمينار بروتوكول للرسائل العلمية لطلاب الدراسات العليا كالاتى:

الاشراف	المعنوان	النوع	الاسم	٩
أ.م. د/ ايمان صبحي عمر ان	Effect of applying educational program for	ماجيستير	أميرة عاطف ابراهيم عناني	1
د/ نورا فارس	nurses about care for patients with cervical			
	spinal cord injury on their performance			

٢- اعتماد مجلس القسم عمل سمينار نتائج للرسائل العلمية لطلاب الدراسات العليا كالاتي:

الاشراف	العنوان	النوع	الاسم	م
أ. د/ حنان جابر	Effect of an Educational Program of the	دكتوراه	إيمان محمد جمال	1
أ.م.د/ ايمان صبحي	Monitoring Fluid and Electrolyte Balance on			
ا.م.د/ اشجان طلبه	Nurses' Performance among Cardiac Surgery			
	Patients			
	Effect of educational program regarding	دكتوراه	جهاد فارس محمد	۲
أ.م. د/ رشا فتحي محمد	arterial blood gases interpretation on nurses'			
أ.م. د/ راويه علي ابراهيم	performance and self-efficacy			

- اعتماد مجلس القسم صلاحيه طلاب الدراسات العليا الاتي أسمائهم:

Ī	الممتحن	الممتحن الداخلي	المشرفون	النوع	عنوان الرسالة	اسم الطالب
	الخارجي					
Ī	ا.د/حنان احمد	ا.م.د/سماح السيد	ا.د/ أمل سعيد طه	ماجستير	Evidence based nursing	هاجر نبيل راغب
	السباعي	غنيم	ا.د/ هاله عبدالسلام		performance program among	
	(جامعة القاهرة)		شتا		patients with rectal cancer	
					undergoing radio therapy	







- ٣- مناقشة مجلس القسم تقارير برامج ومقررات الدراسات العليا(ماجستير جزء ثاني ودكتوراه جزء ثان ودبلومة ان وجد) للعام الجامعي ٢٠٢٥-٢٠٢٥
- ٤- اعتماد مجلس القسم عمل الإجراءات التصحيحية لبرامج ومقررات الدراسات العليا بناء علي راء المراجعين الداخلي والخارجي للعام الجامعي ٢٠٢٥-٢٠٢

البند الثالث: شئون اعضاء هيئة التدريس

- 1- إحاطة أعضاء مجلس القسم ترشيح اسماء السادة من الهيئة المعاونة وذلك لحضور دورة إعداد معلم وهم:
 - م.م/ إيمان محمد جمال
 - م.م/ جهاد فارس محمد
 - م.م/ هند عادل محمد
 - آیه السید شلبی
- 2- إعتماد مجلس القسم تحويل اجازة أ.د/عبير يحيى من أجازة مرافقة زوج الي اجازة رعاية طفل وذلك لظروف اسريه خاصة حيث أنها لديها طفلة صغيرة (مرفق طيه الخطاب وشهادة ميلاد الطفلة).
- 3- إعتماد مجلس القسم اجازة مرضي للدكتورة/ سارة عبدالصمد المدرس المساعد بالقسم والتي تم عرضها على اللجنة الطبية وأقرت لها اجازة أسبو عين بداية من 7/6/2025
- 4- إعتماد مجلس القسم اجازة الوضع للدكتورة/ هاله السيد المعيدة بالقسم والتي بدأت بتاريخ ٢٠٢٥/٦/٢٢
 - 5- إعتماد مجلس القسم اجازة مرضى للدكتورة/ إيمان صبحى الأستاذ المساعد بالقسم
- 6- إعتماد مجلس القسم منح درجة الماجستير في التمريض الباطني الجراحي للطالبة/ صفاء محمد عيسى المعيدة بالقسم بتقدير ممتاز
- 7- إعتماد مجلس القسم منح درجة الماجستير في التمريض الباطني الجراحي للطالبة/ جهاد محمد عيسى المعيدة بالقسم بتقدير ممتاز
- 8- إعتماد مجلس القسم منح درجة الماجستير في التمريض الباطني الجراحي للطالبة/ شاهندا محسن المعيدة بالقسم بتقدير ممتاز
- 9- إعتماد مجلس القسم منح درجة أستاذ مساعد في التمريض الباطنى الجراحى للدكتورة/ علا أحمد المدرس بالقسم

البند الرابع: الجودة

- 1- مناقشة أعضاء مجلس القسم ما تم بخصوص مراجعة الجودة لملفات القسم للفصل الدراسي الأول 2025-2024 والاحاطة بضرورة الإنتهاء من التعديلات المطلوبة
- 2- مناقشة أعضاء مجلس القسم عرض نتائج أراء الطلاب في المقررات الدراسية للعام الجامعي 2024-2025 الفصل الدراسي الثاني
- القرار: تم عرض نتائج أراء الطلاب في المقررات الدراسية للعام الجامعي 2024-2025 الفصل الدراسي الثاني
 - ٢- مناقشة مجلس القسم تحديث إستراتيجية التدريس والتعلم والتقويم
 - ٣- مناقشة وإعتماد تقارير المقررات الدراسية والإجراءات التصحيحية بمجلس القسم



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6- إحاطة أعضاء المجلس انه سوف يمند صلاحية ادراج البنود والغرارات من تاريخ عقد مجلس القسم حتى يوم الأثنين الموافق ٢٠٢٥/٧/٧

رنيس مجلس القس