

Module Description Form

نموذج وصف المادة الدراسية

Module Information معلومات المادة الدراسية			
Module Title	Anatomy and Physiology for Nurses (التشريح والفسلجة للممرضين(1))	Module Delivery	
Module Type	Basic	<input checked="" type="checkbox"/> Theory <input checked="" type="checkbox"/> Lecture <input type="checkbox"/> Tutorial <input checked="" type="checkbox"/> Practical <input type="checkbox"/> Seminar	
Module Code	NUR1103		
ECTS Credits	6		
SWL (hr/sem)	150		
Module Level	1	Semester of Delivery	1
Administering Department	Basic science	College	Nursing College
Module Leader	Dr. Ismail Mohammed Kadhem Al-Saadi	e-mail	Ismael.mohammed.kadhem@uomus.edu.iq
Module Leader's Acad. Title	Assistant Professor	Module Leader's Qualification	phD.
Module Tutor	/	e-mail	/
Peer Reviewer Name	Name	e-mail	/
Assistant Professor			
Assistant Professor			
Assistant Professor			
Lectueror			
Scientific Committee Approval Date	07/10/2025	Version Number	1

Relation with other Modules العلاقة مع المواد الدراسية الأخرى			
Prerequisite module	None	Semester	
Co-requisites module	NUR 1203,, PAT3203 , PHA 2102, PHA 2202	Semester	1,2,3

Module Aims, Learning Outcomes and Indicative Contents	
أهداف المادة الدراسية ونتائج التعلم والمحتويات الإرشادية	
Module Aims أهداف المادة الدراسية	To provide nursing students with a progressive and integrated understanding of human anatomy and physiology—starting from foundational biochemical and cellular principles and advancing through major body systems—in order to support clinical reasoning, safe nursing practice, and the effective application of

	physiological knowledge in patient care.
Module Learning Outcomes مخرجات التعلم للمادة الدراسية	At the end of the course the student will be able to: By the end of the course, students will be able to: <ol style="list-style-type: none"> 1. Understand basic anatomical terms and physiological principles. 2. Describe the structure and function of major body systems. 3. Explain key processes such as circulation, immunity, digestion, and sensory perception. 4. Apply anatomical and physiological knowledge to nursing care. 5. Interpret vital signs and physiological data in clinical contexts.
المحتويات الارشادية	<ul style="list-style-type: none"> • Provide students with fundamental and supplementary topics related to critical thinking outcomes. • Ask thought-provoking questions and form discussion groups during lectures to encourage problem-solving, reasoning, and analytical thinking. • Assign homework that requires students to provide self-explanations and apply their understanding. • Require students to prepare reports related to the course and apply both theoretical and practical concepts learned in class.

استراتيجيات التعلم والتعليم Learning and Teaching Strategies	
Strategies	Lecture and discussion, demonstration and laboratory practice.

الحمل الدراسي للطالب (SWL) Student Workload			
Structured SWL (h/sem) الحمل الدراسي المنتظم للطالب خلال الفصل	75	Structured SWL (h/w) الحمل الدراسي المنتظم للطالب أسبوعيا	5
Unstructured SWL (h/sem) الحمل الدراسي غير المنتظم للطالب خلال الفصل	75	Unstructured SWL (h/w) الحمل الدراسي غير المنتظم للطالب أسبوعيا	5
Total SWL (h/sem) الحمل الدراسي الكلي للطالب خلال الفصل	150		

تقييم المادة الدراسية Module Evaluation					
Assessment Type	Activity	Time/Number	Weight (Marks)	Weekly Due	Relevant Learning Outcome
Formative assessment	Quizzes	2	20% (20)	5, 10	LO #1, 2
	Assignments	2	10% (10)	2, 12	LO # 3, 4
	Report	1	10% (10)	13	LO # 5
Summative	Midterm Exam	2 hr	10% (10)	7	LO # 1-3

assessment	Final Exam	2hr	50% (50)	16	LO # 1- ^o
Total assessment			100% (100 Marks)		

(Weekly Theory Syllabus) المنهج النظري الاسبوعي	
Weeks	Material Covered
Week 1	Introduction to Anatomy and Physiology
Week 2	Physiological Chemistry and Processes
Week 3	The cell and Tissue
Week 4	The Blood 1
Week 5	The Blood 2
Week 6	The Cardiovascular System Part I (Anatomy and Physiology of the Heart)
Week 7	The Cardiovascular System Part II (Anatomy and Function of Blood Vessels)
Week 8	Physiology of the Circulation
Week 9	The Lymphatic System
Week 10	Defense Mechanisms and Immunity
Week 11	The Digestive system Part I (Introduction, Organs; Buccal Cavity, Pharynx, Esophagus, and Stomach)
Week 12	The Digestive System (Small and Large Intestines).
Week 13	The Digestive System Part III (Accessory Organs)
Week 14	The Special Sense Organs:
Week 15	Mechansmes of Sences organs functions

(Weekly Syllabus for Lab.) المنهاج الاسبوعي للمختبر	
Weeks	Material Covered
Week 1	Anatomical Terminology and Direction
Week 2	Body Fluids
Week 3	The Microscope and Types of human body Tissues
Week 4	The Blood (Hb ,PCV)
Week 5	Blood (Blood Smear, Classification of anemia)
Week 6	The Blood (Differential Count of Leucocytes)
Week 7	Blood group and Rh factor
Week 8	Bleeding time and Clotting time
Week 9	Mid Term Exam
Week 10	Surface anatomy (Reginal anatomy)
Week 11	The Cardiovascular system
Week 12	The Cardiovascular system.
Week 13	The Cardiovascular system.

Week 14	Digestive system
Week 15	Accessory Organ

Learning and Teaching Resources مصادر التعلم والتدريس		
	Text	Available in the Library?
Required Texts	Ross and Wilson .Anatomy Anatomy & Physiology I Health and Illness ".Thirteen Edition ed.2018.	Yes
Recommended Texts	Frederic H.Martini,Willam C.Ober,M.D,Cl W.Garrison,R.NK.athleen Welch,M.D.and Ralph T.Huchinges, Fundamental Anatomy & Physiology ".fifth ed.2010. . Harold Ellis., CBE, MA, DM, MCh, FRCS, FRCP, FRCOG, FACS (Hon) Clinical Anatomist, Guy's, King's and St Thomas' School of Biomedical Sciences; Emeritus Professor of Surgery, Charing Cross and Westminster Medical School, London; Formerly Examiner in Anatomy, Primary FRCS (Eng) .Clinical Anatomy Applied anatomy for students and junior doctors., Eleventh Edition.,2006.	No
Websites		

Grading Scheme مخطط الدرجات				
Group	Grade	التقدير	Marks (%)	Definition
Success Group (50 - 100)	A - Excellent	امتياز	90 - 100	Outstanding Performance
	B - Very Good	جيد جدا	80 - 89	Above average with some errors
	C - Good	جيد	70 - 79	Sound work with notable errors
	D - Satisfactory	متوسط	60 - 69	Fair but with major shortcomings
	E - Sufficient	مقبول	50 - 59	Work meets minimum criteria
Fail Group (0 - 49)	FX – Fail	راسب (قيد المعالجة)	(45-49)	More work required but credit awarded
	F – Fail	راسب	(0-44)	Considerable amount of work required

Note: Marks with decimal places above or below 0.5 will be rounded to the higher or lower full mark (for example a mark of 54.5 will be rounded to 55, whereas a mark of 54.4 will be rounded to 54. The University has a policy NOT to condone "near-pass fails" so the only adjustment to marks awarded by the original marker(s) will be the automatic rounding outlined above.