

MODULE DESCRIPTION FORM

نموذج وصف المادة الدراسية

Module Information			
معلومات المادة الدراسية			
Module Title	The Human Anatomy		Module Delivery
Module Type	Basic		<input checked="" type="checkbox"/> Theory <input checked="" type="checkbox"/> Lecture <input checked="" type="checkbox"/> Lab <input type="checkbox"/> Tutorial <input type="checkbox"/> Practical <input type="checkbox"/> Seminar
Module Code	UOMU0301065		
ECTS Credits	6		
SWL (hr/sem)	160		
Module Level	3	Semester of Delivery	
Administering Department	Department of Medical Physics	College	Al mustaqbal University
Module Leader	م.د. كريم عبيس هندول حسين الجبوري	e-mail	Kareem.obayes.handool@uomus.edu.iq
Module Leader's Acad. Title	Professor	Module Leader's Qualification	Ph.D.
Module Tutor	Name (if available)	e-mail	E-mail
Peer Reviewer Name	Name	e-mail	E-mail
Scientific Committee Approval Date	7/02/2026	Version Number	1.0

Relation with other Modules			
العلاقة مع المواد الدراسية الأخرى			
Prerequisite module	None	Semester	
Co-requisites module	None	Semester	

Module Aims, Learning Outcomes and Indicative Contents

أهداف المادة الدراسية ونتائج التعلم والمحتويات الإرشادية

<p>Module Aims أهداف المادة الدراسية</p>	<ol style="list-style-type: none">1. Provide a comprehensive understanding of the normal structure of the human body at gross and microscopic levels.2. Develop knowledge of the relationships between different body systems and organs.3. Enable students to use correct anatomical terminology for clear and precise communication.4. Explain the structural basis of human function and its relevance to health and disease.5. Introduce students to anatomical variation and its clinical significance.6. Support the integration of anatomy with related disciplines such as physiology, pathology, and radiology.7. Develop practical skills in identifying anatomical structures using models, specimens, and images.8. Prepare students for clinical and applied studies by building a strong anatomical foundation.
<p>Module Learning Outcomes مخرجات التعلم للمادة الدراسية</p>	<ol style="list-style-type: none">1- Describe the normal gross and microscopic structure of the human body.2- Identify major anatomical structures using correct anatomical terminology.3- Explain the organization of the body from cells, tissues, and organs to body systems.4- Demonstrate understanding of anatomical position, planes, sections, and movements.5- Differentiate between various types of tissues and their structural features.

	<p>6-Relate anatomical structures to their basic functions.</p> <p>7-Recognize surface anatomy and anatomical landmarks of the human body.</p> <p>8-Apply anatomical knowledge to basic clinical and applied scenarios.</p> <p>9- Interpret simple radiological images (X-ray, CT, MRI) in relation to anatomy.</p> <p>10 Communicate anatomical information clearly using standard scientific language.</p>
<p>Indicative Contents المحتويات الإرشادية</p>	<p>1- Introduction to Anatomy</p> <ul style="list-style-type: none"> • Definition, scope, and branches of anatomy • Anatomical position, planes, and terms of movement <p>2- Basic Tissues</p> <ul style="list-style-type: none"> • Epithelial tissue • Connective tissue (bone, cartilage, blood) • Muscle tissue • Nervous tissue <p>3- Skeletal System</p> <ul style="list-style-type: none"> • Bones of the axial and appendicular skeleton • Joints and types of articulations <p>4- Muscular System</p> <ul style="list-style-type: none"> • Types of muscles (skeletal, smooth, cardiac) • Major muscles and their functions <p>5- Cardiovascular System</p> <ul style="list-style-type: none"> • Heart anatomy • Blood vessels (arteries, veins, capillaries) <p>6- Respiratory System</p> <ul style="list-style-type: none"> • Upper and lower respiratory tract • Lungs and mechanism of respiration <p>7- Digestive System</p> <ul style="list-style-type: none"> • Alimentary canal • Accessory digestive organs <p>8- Nervous System</p> <ul style="list-style-type: none"> • Central nervous system (brain and spinal cord)

	<ul style="list-style-type: none"> Peripheral and autonomic nervous systems <p>9- Urinary System</p> <ul style="list-style-type: none"> Kidneys, ureters, urinary bladder, urethra <p>10- Reproductive System</p> <ul style="list-style-type: none"> Male reproductive organs Female reproductive organs <p>11- Endocrine System</p> <ul style="list-style-type: none"> Major endocrine glands and hormones <p>12- Integumentary System</p> <ul style="list-style-type: none"> Skin, hair, nails, and glands <p>13- Lymphatic and Immune System</p> <ul style="list-style-type: none"> Lymph nodes, spleen, thymus, tonsils
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Learning and Teaching Strategies استراتيجيات التعلم والتعليم	
Strategies	<p>1. Systematic and Regional Approaches</p> <ul style="list-style-type: none"> Systematic anatomy: Study the body by systems (skeletal, muscular, nervous, cardiovascular). Regional anatomy: Study all structures within one region (e.g., upper limb, thorax).
	<p>2. Use of Visual Aids</p> <ul style="list-style-type: none"> Anatomical atlases, charts, 3D models, and virtual anatomy apps. Color-coding structures to improve memory and recognition.
	<p>3. Cadaveric Dissection and Prosections</p> <ul style="list-style-type: none"> Hands-on dissection enhances spatial understanding. Prosected specimens save time and allow focused learning.
	<p>4. Active Learning Techniques</p> <ul style="list-style-type: none"> Labeling diagrams and structures. Teaching peers (peer instruction). Question-based and case-based learning.
	<p>5. Repetition and Spaced Learning</p> <ul style="list-style-type: none"> Regular review sessions. Use of flashcards and spaced-repetition systems.

	<p>6. Clinical Correlation</p> <ul style="list-style-type: none"> Linking anatomical structures to clinical cases, imaging (X-ray, CT, MRI), and surgical procedures. Understanding applied anatomy improves long-term retention.
	<p>7. Mnemonics and Memory Aids</p> <ul style="list-style-type: none"> Acronyms and rhymes to memorize nerves, vessels, muscles, and foramina.
	<p>8. Integration with Other Sciences</p> <ul style="list-style-type: none"> Combine anatomy with physiology, histology, embryology, and pathology.
	<p>9. Technology-Enhanced Learning</p> <ul style="list-style-type: none"> Virtual dissection tables. Online videos, quizzes, and interactive modules.
	<p>10. Self-Assessment and Testing</p> <ul style="list-style-type: none"> Multiple-choice questions, practical spotters, and short-answer questions. Regular quizzes to identify weak areas.

Student Workload (SWL) الحمل الدراسي للطالب			
Structured SWL (h/sem) الحمل الدراسي المنتظم للطالب خلال الفصل	58	Structured SWL (h/w) الحمل الدراسي المنتظم للطالب أسبوعياً	3
Unstructured SWL (h/sem) الحمل الدراسي غير المنتظم للطالب خلال الفصل	42	Unstructured SWL (h/w) الحمل الدراسي غير المنتظم للطالب أسبوعياً	1
Total SWL (h/sem) الحمل الدراسي الكلي للطالب خلال الفصل	100		

Module Evaluation تقييم المادة الدراسية				
	Time/Number	Weight (Marks)	Week Due	Relevant Learning Outcome
Quizzes	2	10% (10)	5, 10	LO #1, 2, 10 and 11

Formative assessment	Assignments	2	10% (10)	2, 12	LO # 3, 4, 6 and 7
	Projects / Lab.	1	10% (10)	Continuous	
	Report	1	10% (10)	13	LO # 5, 8 and 10
Summative assessment	Midterm Exam	2 hr	10% (10)	7	LO # 1-7
	Final Exam	2hr	50% (50)	16	All
Total assessment			100% (100 Marks)		

Delivery Plan (Weekly Syllabus) المنهاج الاسبوعي النظري	
	Material Covered
Week 1	Introduction to Anatomy
Week 2	Basic Tissues
Week 3	Skeletal System
Week 4	Muscular System
Week 5	Cardiovascular System
Week 6	Respiratory System
Week 7	Digestive System
Week 8	First Exam
Week 9	Nervous System
Week 10	Urinary System
Week 11	Reproductive System
Week 12	Endocrine System
Week 13	Integumentary System
Week 14	Lymphatic and Immune System
Week 15	Second Exam
Week 16	

Delivery Plan (Weekly Lab. Syllabus) المنهاج الاسبوعي للمختبر	
	Material Covered

Learning and Teaching Resources

مصادر التعلم والتدريس

	Text	Available in the Library?
Required Texts	<p>📖 Kenhub Anatomy Courses – Combines atlas illustrations, video tutorials, and interactive quizzes to learn anatomy from basics to advanced levels.</p> <p>📖 Human Anatomy Courses on m3aarf and similar platforms – Arabic language video courses covering body systems and anatomical structures.</p>	Yes
Recommended Texts	Books for human anatomy	yes
Websites	https://www.coursera.org/browse/physical-science-and-engineering/electrical-engineering	

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 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.

