MODULE DESCRIPTION FORM

Module Information					
Module Title	Human Anatomy			Module Delivery	
Module Type	BASIC			☒Lecture	
Module Code	MP302			☒Practical	
ECTS Credits	6				
SWL (hr/sem)	150				
Module Level	UG III		Semester of Delivery	1	
Administering Department	Medical Physics		College	College of Science	
Module Leader	Zainab Saad Abdulameer		e-mail	zaineb.sa@uowa.edu.iq	
Module Leader's Acad. Title	Lecturer		Module Leader's Qualification	F.I.B.M.S	
Module Tutor	karar H. Obaid Ali Hamed Arebe		e-mail	krar.h.obaid@uowa.edu.iq ali.h@uowa.edu.iq	
Peer Reviewer Name	Dr. Ahmed Mousa Jaafar		e-mail	Ahmed.mo@uowa.edu.iq	
Scientific Committee Approval Date	1 – 9 - 2025		Version Number	V01	

Relation with other Modules			
Prerequisite module	yes	Semester	1
Co-requisites module	yes	Semester	None

جامعة وارث الانبياء
كلية العلوم
قسم الفيزياء الطبية

أ.م.د. شيماء حسين نونل
٢٠٢٥ – ٢٠٢٦م

Department Head Approval

Dean of the College Approval

Module Aims, Learning Outcomes and Indicative Contents	
Module Aims	**The aims of the syllabus are to:** ➢ Knowledge of the general foundations of human anatomy and the principles that govern it. ➢ Encourage students to engage in scientific research, develop curiosity about scientific knowledge, and discover further scientific skills through: • Proper and in-depth study. • Study and work with colleagues. • Fieldwork and scientific laboratory work. ➢ Develop students' ability to understand human anatomy in a modern way. ➢ Work to connect the scientific knowledge in human anatomy, including its relevance to daily life, and how to utilize it to create a culture of health among students and then disseminate it to the community, thus contributing to the direct connection between academic knowledge and life.
Module Learning Outcomes	Upon successful completion of this course, the student will be able to do the following: 1. Identifying the ways of scientific study of anatomy science. 2. Identifying the shape and location of all body organs. 3. Describing the correlation between the shape of organs and their functions. 4. Differentiating between the main organ and the secondary organs of each system in the body. 5. Recognizing the differences of the Vital organs in which any damage of those organs can be a life threatening problem. 6. Explaining the process method of studying the human anatomy sciences. 7. Explaining layers of tissue and the origin of each organ. 8. Recognizing the differences of male anatomy and female anatomy. 9. Enabling students to learn how to use X-ray machines and take cross-sectional images of different parts of the human body. 10. Enabling students to accurately identify the locations of body organs and the functions of each organ, enabling them to safely and correctly handle them during graphical examinations, laser treatment, or radiation therapy. 11. Distinguishing between male and female organs.

	enabling the student to have all knowledge they need to practicing their specialist in the field
Indicative Contents	Indicative content includes the following: • Theory Lectures • Learning concepts of each theoretical lecture or groups of lectures. Lab. Lectures • Learning concepts of each laboratory lecture or groups of lectures. • Mid Exam =90 min • Final Exam =3 hrs Total hrs = 78 hrs

Learning and Teaching Strategies	
Strategies	1. General and developable skills. 2. The ability to describe and differentiate. 3. Understanding and comprehending methods of studying human anatomy. 4. Providing scientific material related to their field of work, specialized in the Department of Medical Physics.

Student Workload (SWL)			
Structured SWL (h/sem)	78	**Structured SWL (h/w)**	5.2
Unstructured SWL (h/sem)	72	**Unstructured SWL (h/w)**	4.8
Total SWL (h/sem)	150		

Module Evaluation							
		Time/Number		Weight (Marks)		Week Due	Relevant Learning Outcome
		TH	LAB	TH	LAB		
Formative assessment	Quizzes	2	2	4	10	3,6,9,12	1,2,3,4
	Outside assignment	1	1	2	10	7,14	All
	Insite Assignments	-	-	-	-		
	Projects	1	6	4	10	-	All
Summative assessment	Midterm Exam	60 min		10		6	
	Final Exam	3hr		50		16	
Total assessment				100 Marks			

Delivery Plan (Weekly Syllabus)	
	Material Covered
Week 1	Introduction to human Anatomy
Week 2	The Anatomy of skeleton system 1(The bones)
Week 3	The Anatomy of skeleton system 2(The muscles)
Week 4	The Anatomy of Urinary Systems
Week 5	The Anatomy of Reproductive system1(male Reproductive system)
Week 6	The Anatomy of Reproductive system2 (female Reproductive system)
Week 7	**Mid examination**
Week 8	The Anatomy of Cardiovascular Systems1 (Blood and blood vessels)
Week 9	The Anatomy of Cardiovascular Systems2 (Heart)
Week 10	The Anatomy of Respiratory Systems 1
Week 11	The Anatomy of Respiratory Systems 2
Week 12	The Anatomy of Digestive Systems
Week 13	The Anatomy of Endocrine System
Week 14	The Anatomy of eye
Week 15	**Final exam**

Delivery Plan (Weekly Lab. Syllabus)	
	Material Covered
Week 1	Orientation to the laboratory. Rules of conduct and general safety.
Week 2	General concept in anatomy of skeleton system 1(The bones)
Week 3	General concept in anatomy of skeleton system 2(The muscles)
Week 4	The Anatomy of Urinary Systems
Week 5	The Anatomy of Reproductive system1(male Reproductive system)
Week 6	The Anatomy of Reproductive system2 (female Reproductive system)
Week 7	**Quiz and assignment and lab reports**
Week 8	Concept of anatomy of Cardiovascular Systems1 (Blood and blood vessels)
Week 9	The Anatomy of Cardiovascular Systems2 (Heart)
Week 10	Concept of Anatomy of Respiratory Systems 1
Week 11	The Anatomy of Respiratory Systems 2
Week 12	The Anatomy of Digestive Systems
Week 13	The Anatomy of Endocrine System
Week 14	Concept of Anatomy of eye
Week 15	**Final exam**

Learning and Teaching Resources		
	Text	**Available in the Library?**
Required Texts	Gray's Anatomy for Students, Richard Drake Faaa - Nov 13, 2004. Atlas of Human Anatomy, Frank H. Netter, 2006 Anatomy & Physiology	Yes Yes
Recommended Texts		

Grading Scheme				
Group	**Grade**	Mark	**Marks (%)**	**Definition**
Success Group (50 - 100)	**A -** Excellent	Excellent	90 - 100	Outstanding Performance
	B - Very Good	Very Good	80 - 89	Above average with some errors
	C - Good	Good	70 - 79	Sound work with notable errors
	D - Satisfactory	Fair / Average	60 - 69	Fair but with major shortcomings
	E - Sufficient	Pass / Acceptable	50 - 59	Work meets minimum criteria
Fail Group (0 – 49)	**FX –** Fail	Fail (Pending)	(45-49)	More work required but credit awarded
	F – Fail	Fail	(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.