الملحق ٤: وصف المادة الدراسية

MODULE DESCRIPTION FORM
وصف المادة الدراسية (التشريح المرحلة اولى)

فصل دراسي اول

Module Information		
معلومات المادة الدراسية		
Module Title	**Skeletal anatomy**	**Module Delivery**
Module Type	**Core**	☒ Theory
Module Code	**VET 102**	☒ Lecture ☒ Lab
ECTS Credits	**3**	☐ Tutorial ☒ Practical
SWL (hr/sem)	**93**	☐ Seminar

Module Level	1	**Semester of Delivery**	1
Administering Department	VET	**College**	VET
Module Leader	Alaa Abdel Khaleq Al sawad	**e-mail**	Alaasawad24@gmail.com
Module Leader's Acad. Title	Professor	**Module Leader's Qualification**	Ph.D.
Module Tutor	Mohammed Abbas Ali	**e-mail**	Mohammed.abbas@uobasrah.edu.iq
Peer Reviewer Name	Thaer Ramadhan Mha	**e-mail**	Thaer.mhalhal@uobasrah.edu.iq
Scientific Committee Approval Date	13/08/2025	**Version Number**	1.0

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

Module Evaluation
تقييم المادة الدراسية

		Time/Number	Weight (Marks)	Week Due	Relevant Learning Outcome
Formative assessment	**Quizzes**	2	10% (10)	Continuous	
	Assignments	2	10% (10)	3, 12	LO # 3, 4, 6, 7 and 10
	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)		

Module Aims, Learning Outcomes and Indicative Contents
أهداف المادة الدراسية ونتائج التعلم والمحتويات الإرشادية

Module Aims أهداف المادة الدراسية	1. Developing students' skills in recognizing medical terminology. 2. Identify the types of bones. 3. Study the parts of bones and how to identify them. 4. Make a comparison between the types of bones in different animals. 5. Identify the types of joints and their locations. 6. Identify the types of muscles and their locations
Module Learning Outcomes مخرجات التعلم للمادة الدراسية	Identifying the bones and muscles present in the animal's body, which helps the student identify injuries, perform surgical operations, injection sites, take a heartbeat, etc.

	Indicative content includes the following.
Indicative Contents المحتويات الإرشادية	Part A – Bones and joints Recognizing medical terminology related to anatomy and applying some of them in practice [10 hrs] Shapes and types of bones, their locations in the body, and their importance within the animal's body. [15 hrs] Shapes and types of joints and their locations in the body within the animal's body. [10 hrs] Ligaments and tendons that connect bones together or muscles to bones. [15 hrs] Revision problem classes [6 hrs]

Part B - Muscles

The cardiac muscles that are located in the heart, how they work, and their comparison with the rest of field animals as well as poultry. [10 hrs]

Evening muscles are located in various places in the body, especially in the viscera. [15 hrs]

Skeletal muscles and their connection to the skeleton and their importance in the veterinary aspect, especially in horses, which are a model for other animals. [15 hrs]

Learning and Teaching Strategies
استراتيجيات التعلم والتعليم

Strategies	The major strategy for presenting this module will be to encourage students to participate in the tasks while simultaneously improving and extending their critical thinking abilities. This will be accomplished through courses, interactive tutorials, and the consideration of basic experiments using sample activities that are appealing to students.

Student Workload (SWL)			
الحمل الدراسي للطالب			
Structured SWL (h/sem) الحمل الدراسي المنتظم للطالب خلال الفصل	93	**Structured SWL (h/w)** الحمل الدراسي المنتظم للطالب أسبوعيا	6.2
Unstructured SWL (h/sem) الحمل الدراسي غير المنتظم للطالب خلال الفصل	107	**Unstructured SWL (h/w)** الحمل الدراسي غير المنتظم للطالب أسبوعيا	7
Total SWL (h/sem) الحمل الدراسي الكلي للطالب خلال الفصل	200		

المواد الدراسية التي تدرس في الفرع

اسم المادة : Anatomy المرحلة : First class (كورس اول)

عدد الساعات النظرية : 2
عدد الساعات العملية : 3
اسم التدريسي : أ.د. علاء عبد الخالق حسين /ا.م.د. علاء حسين سعدون /ا.م.د. مجمد عباس علي/ ا. سميرة عبد الزهرة دعاج /م. هيفاء علي حسين /

Delivery Plan (Weekly Syllabus) المنهاج الاسبوعي النظري	
	Material Covered
Week 1	Introduction: Anatomy and methods of study ,Topographic and descriptive terms.
Week 2	General osteology: The skeleton, classification of bones
Week 3	Development and growth of bones, chemical and physical properties of bone,
Week 4	The vertebral column, ribs, sternum
Week 5	Bone of thoracic limb
Week 6	Structure of bones.
Week 7	Bones of pelvic limb.
Week 8	Bones of thoracic limb and joints, scapula of horse and comparative anatomy
Week 9	Humerus and comparative anatomy .
Week 10	General syndesmology (arthrology)
Week 11	Fibrous joint, cartilaginous joints , synovial joint
Week 12	Joint of thoracic limb , joints of pelvic limb.
Week 13	The lateral surface of shoulder muscles and arm in sheep
Week 14	Review of topics
Week 15	Final Exam

	Delivery Plan (Weekly Lab. Syllabus) المنهاج الاسبوعي للمختبر
	Material Covered
Week 1	Bones of thoracic limb and joints, scapula of horse and comparative anatomy
Week 2	Humerus and comparative anatomy
Week 3	Radius and ulna with comparison
Week 4	Carpal bones in horse and metacarpal and phalanges bones
Week 5	Ribs and sternum in horse
Week 6	The lateral surface of shoulder muscles and arm in sheep
Week 7	The medial surface of shoulder muscles and arm in sheep

Learning and Teaching Resources مصادر التعلم والتدريس		
	Text	**Available in the Library?**
Required Texts	Textbook of Veterinary Anatomy 4th Edition	No
Recommended Texts	Atlas of Veterinary Anatomy.	Yes
Websites	https://vetbooks.ir/comparative-veterinary-anatomy-a-clinical-approach/	

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.