

## Course Description Form

1. Course Name:	
Anatomy	
2. Course Code: <b>VEA2107</b>	
Anatomy <b>VEA2107</b>	
3. Semester / Year: Second semester (Theoretical & practical)	
2023–2024	
4. Description Preparation Date:	
2/4/2024	
5. Available Attendance Forms: Second stage students	
2nd stage students	
6. Number of Credit Hours (Total) / Number of Units (Total)	
75 hr. / 3	
7. Course administrator's name (mention all, if more than one name)	
Name: Assist Prof Dr. Kamal A.Salih Assist.Lec. Noor Faisal Assist.Lec. Sara Yaseen	
8. Course Objectives	
<b>Course Objectives</b>	<b>The general goal of teaching the basic sciences of the anatomy branch is to provide important scientific knowledge that... It involves knowing the structural structure of the body at the level of systems, organs and cells. Knowledge of scientific methods for studying anatomy and modern molecular methods. Raising students' ability to link anatomical facts with clinical applications using radiographs Ultrasound, magnetic resonance imaging, and histological slides. Implementing professional and ethical education for students to deal with animals</b>
9. Teaching and Learning Strategies	

<b>Strategy</b>	<p>A- Knowledge</p> <p>A-1: The student is introduced to the basic methods for studying veterinary anatomy.</p> <p>A-2 Enabling the student to explain and describe the body's organs using modern methods.</p> <p>A-3 Enabling the student to apply the tissue sectioning technique and the histoimmunotechnology.</p> <p>A-4 The student analyzes the main structures that make up the body's systems, especially the organs Which affects animal productivity.</p> <p>A-5 The student can express his opinion about the quality of animals found in private fields and farms.</p> <p>A-6 The student will be able to plan various animal production projects.</p> <p>B - Skill</p> <p>B1 - The student acquires anatomy skills.</p> <p>B2 - The student will acquire the skills of analyzing and comparing the body structures of different animals.</p> <p>B3 - The student will acquire the necessary skills to select for the good traits of farm animals</p> <p>C- Values:</p> <p>C-1 The learner provides assistance to his friends in class and group work</p> <p>C-2 The learner practices volunteer work with full awareness and awareness</p> <p>C-3 The student tries to maintain mutual respect and respect between himself and his classmates Mutual exchange with the educational family in the college</p> <p>C-4 The student can become familiar with professional ethics and the relationship with educators, and the motivation is moral and emotional.</p>
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#### 10. Course Structure

Week	Hours	Required Learning Outcomes	Unit or subject name	Learning method	Evaluation method
1 <sup>st</sup>	5	Nervous system ( development, functions, division) , Nervous tissue ,neuron and it is		Theoretical (2 hours) Practical(3 hours)	

		classification			
2nd	5	Parts of the central nervous system , meninges		Theoretical (2 hours) Practical(3 hours)	
3rd	5	The brain stem , cerebrum ,cerebellum, the diencephalon and the ventricles of the br		Theoretical (2 hours) Practical(3 hours)	
4th	5	The spinal cord, peripheral nervous system , sympathetic and parasympathetic Cranial nerves and spinal nerves		Theoretical (2 hours) Practical(3 hours)	
5th	5	Lymphatic system ,introduction, lymphat tissue, lymph vascular system, movement of t lymph in the vessels		Theoretical (2 hours) Practical(3 hours)	
6th	5	Lymph nodes, hemal nodes, lymph center, spleen, thymus gland ,pyerspatchs, lymph and chyli, tonsils		Theoretical (2 hours) Practical(3 hours)	
7th	5	Review		Theoretical (2 hours) Practical(2 hours)	
8th		<b>Mid-term exam</b>			Theoretical (35) an reports (5)
9th	5	Lymphatic centers of the head ,neck and th fore limb		Theoretical (2 hours) Practical(3 hours)	

10 <sup>th</sup>	5	Lymphatic centers of the thoracic cavity		Theoretical (2 hours) Practical(3 hours)	
11 <sup>th</sup>	5	Lymphatic centers of the abdominal cavity and pelvic wall		Theoretical (2 hours) Practical(3 hours)	
12 <sup>th</sup>	5	Lymphatic centers of the abdominal visceral (organs) and hind limb Large lymphatic trunks and ducts (trachea, lumbar, thoracic, intestine, celiac) duct.		Theoretical (2 hours) Practical(3 hours)	
13 <sup>th</sup>	5	The eye (tunics, muscles, nerves, chambers).		Theoretical (2 hours) Practical(3 hours)	
14 <sup>th</sup>	5	The ear		Theoretical (2 hours) Practical(3 hours)	
15 <sup>th</sup>	5	Review		Theoretical (2 hours) Practical(3 hours)	
		<b>Final-term exam.</b>			Theoretical practical exams

### 11. Course Evaluation

1. Semester and final theory exams by 95%
2. Evaluation of extra-curricular activities (reports, posters and homework) by 5%
4. Learning triangle
5. Daily exams

### 12. Learning and Teaching Resources

Required textbooks (curricular books, if any)	Non
Main references (sources)	1. The Anatomy of Domestic Animals. 5th ed. Getty, R. (1975). Philadelphia Toronto USA. 2. Viscera of the domestic animals.

	<p>Nickle and schummer (1982),  3. Atlas of equine anatomy 2nd edition  1983.  4. Clinical anatomy of the horse. 1st  ed. Hilary M,;Peter F.; Diana S. and David  M. (2005). Mosby Philadelphia.  5.  شرح البيطري / الدكتور عبدالقادر جاسم الشبخلي الطبعة  الثانية ١  Stephen Aronson2010,</p>
Recommended books and references (scientific journals, reports...)	
Electronic References, Websites	Wikipedia