

Republic of Iraq

Ministry of Higher Education & Scientific Research

Tikrit University

College of Veterinary Medicine



ANT023	Anatomy	Class: 2 <sup>nd</sup> .	Mandatory
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Teaching scheme: 2 hours lecture and 3 hours tutorial per week

Credits: 7

#### Course description :

Is to demonstrating the anatomical features of the different system in the body of different domestic animals and compare these system with others in the other species of animal.

#### Objective:

- To dissect the body of the animals to show the anatomical features of the system.
- To show the organs of the body and establish its anatomical characteristic in order to inform the student its importance for the surgical and clinical problem .
- To lean the student the skills for dissecting the cadaver of know the methods or techniques for preservation it.

#### Specific Learning Outcome:

The learner will be able to recognize, describe and tackling in solving number of problems related to veterinary field.

Topics	Hours
<b>DIGESTIVE SYSTEM</b> General description of the digestive system and its embryological development. Mouth cavity and its content like the tongue and hard palate and soft palate with its muscles and cheeks and lips, blood and nerve supply of the tongue. Salivary glands, pharynx and its layers and muscles and openings. The hyoid apparatus (bones and muscles ). Muscles of mastication. Course and relationship of esophagus and its structures.  Classification of stomach, parts of the intestine, duodenum, jejunum, ileum. The caecum and its variations in farm animals. Colon and its variations in farm animals, rectum, anus. Accessory glands like the liver and its ligaments and lobation, gallbladder and the variations in farm animals. Pancreas and its variations. Peritoneum its reflexation in the abdominal cavity to fix the abdominal organs	20
<b>RESPIRATORY SYSTEM</b> Introduction, nose, nasal cavity, nasopharynx, paranasal sinuses, larynx, trachea, lungs, thoracic cavity, pleura.	10
Lymphatic system	12

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Introduction, lymph, lymph vascular system. lymphatic tissue, lymph vessels, lymph capillaries, lymphatic tissue structures, solitary lymph nodules, tonsils, lymph nodes, lymphocenter, hemal nodes, lymph trunks and ducts, thymus, spleen .	
<b>NERVOUS SYSTEM</b> Development of the brain. Central nervous system: brain, parts of the brain (spinal cord, cranial nerves, spinal nerves). Autonomic nervous system: sympathetic division, parasympathetic division. Meninges, cerebrospinal fluid.	12
<b>SENSE ORGANS</b> The eye (tunics, parts, chambers, muscles), blood supply, nerve supply, lacrimal apparatus, ear (divisions and cavities).	6
Total	60