

ANATOMY I

1	Course Title:	ANATOMY I
2	Course Code:	VET1001
3	Type of Course:	Compulsory
4	Level of Course:	First Cycle
5	Year of Study:	1
6	Semester:	1
7	ECTS Credits Allocated:	5.00
8	Theoretical (hour/week):	3.00
9	Practice (hour/week):	4.00
10	Laboratory (hour/week):	0
11	Prerequisites:	None
12	Language:	Turkish
13	Mode of Delivery:	Face to face
14	Course Coordinator:	Prof. Dr. AYŞE SERBEST
15	Course Lecturers:	Yok/None
16	Contact information of the Course Coordinator:	Prof. Dr. Ayşe SERBEST aserbest@uludag.edu.tr +902242941253 Uludağ Üniv. Veteriner Fak. Anatomi A.D. A Blok Görükle Kampüsü 16059 BURSA
17	Website:	http://veteriner.uludag.edu.tr/bolumler/TemelB/anatomi.html
18	Objective of the Course:	To give the basic anatomy terminology. To teach the comparative morphological features of domestic mammal and poultry movement systems. Thus, to prepare an infrastructure for the post-graduate professional practice with the vocational courses to be taught in the upper years.
19	Contribution of the Course to Professional Development:	
20	Learning Outcomes:	
	1	Learning the anatomy terminology that will form the basis of veterinary language.
	2	Learning the main systems in the body and the basic concepts of Systematic Anatomy.
	3	Learning the pet species that form the subject of Veterinary Anatomy and their place in the zoological system.
	4	Learning the basic anatomical similarities and differences between the animal traits of pets (horses, cattle, sheep, goats, pigs, dogs, cats etc.) and the animal species.
	5	Learning the basic features of the movement systems of domestic poultry by taking the chicken as an example and the similarities and differences with domestic mammals.
	6	Considering the information pointed out above, he learning to determine the species by bone and muscles.
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21	Course Content:	

Course Content:				
Week	Theoretical	Practice		
1	Introduction to anatomy and terminology, definition and parts of systematic anatomy, definition and partitioning of the motion system, Chondrologia	Introduction of the anatomy laboratory, preparation of cadavers		
2	Introduction to Osteologia (subject, parts of the skeleton), definition and importance of Cranium.	Examination of cartilage, skeletal sections and cranium on cadaver and skeleton.		
3	Comparative examination of the bones that make up the Ossa cranii according to the domestic mammal species (large and small ruminants, equide, carnivor and sus).	Comparative analysis of Ossa cranii in a laboratory environment.		
4	The mandible with the bones that make up the Ossa faciei, Comparative analysis of os hyoideum and sinus paranasales according to domestic mammal species.	Comparative study of ossa faciei in a laboratory environment.		
5	Definition of Columna vertebralis, its sections, general features of vertebra and number and differences by species, definitions and sections of costae and sternum, differences by species, formation of thorax.	Comparative study of columna vertebralis, costae and sternum in a laboratory environment.		
6	Definition of cingulum membri thoracici (shoulder belt), differences shaping in mammal, poultry and human, comparative study of Ossa membri thoracici (scapula, humerus, ossa antebrachii, ossa carpi and	Comparative analysis of Ossa membri thoracici in the laboratory.		
Activites		Number	Duration (hour)	Total Work Load (hour)
Theoretical	Comparative study of ossa membri pelvini (ossa coxae, femur, patella, ossa cruris, ossa	14	2.00	28.00
Practicals/Labs		14	2.00	28.00
Self study and preparation		14	4.00	56.00
Homeworks		0	0.00	0.00
Projects		0	0.00	0.00
Field Studies		0	0.00	0.00
Midterm Exams	Special arthrology - front and hind limb joints and ligaments - (art. Humeri, art. Cubiti, art. Coxae, art. genas, art. Farsi and art. Digni pedis).	0	0.00	0.00
Others		0	0.00	0.00
Final Exams	Classification of muscles, auxiliary organs of skeletal muscles. Special myologia (skin	1	40.00	40.00
Total Work Load				152.00
Total work load/ 30 hr				5.07
ECTS Credit of the Course				5.00
11	Special myologia (muscles affecting the shoulder belt and foreleg muscles - muscles affecting the shoulder, elbow, forefoot and toe joint).	Dissection of the muscles affecting the shoulder belt and fore limb muscles.		
12	Special myologia (muscles of the pelvis and hind legs - muscles affecting the hip, knee, hind ankle and toe joints).	Dissection of pelvic region and hind leg muscles.		
13	Examination of the basic and distinctive features of poultry osteologia and arthrologia (based on basic similarities and differences with mammals).	Examination of the winged skeleton, dissection of the joint ligaments.		
14	Dissection of winged muscles.	Dissection of winged muscles.		

22	Textbooks, References and/or Other Materials:	1- Veterinary Anatomy (Movement System and Internal Organs) (A. Bahadır- H. Yıldız 2019) 2- Dyce, K.M., Sack, W.O., Wensing, C.J.G., 1987. Textbook of Veterinary Anatomy, W.B. Saunders Company, Philadelphia. 3- Veteriner Anatomi-III (N.Dursun-1994) 4- The Anatomy of the Domestic Animals I-II-III-IV-V (Nickel,1981,Berlin) 5- Pasquini, C., Spurgeon, T., Pasquini, S., 1989. Anatomy of Domestic Animals, Sudz Publishing, Dallas.
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23	Assesment
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TERM LEARNING ACTIVITIES	NUMBER	WEIGHT
Midterm Exam	0	0.00
Quiz	0	0.00
Home work-project	0	0.00
Final Exam	1	100.00
Total	1	100.00
Contribution of Term (Year) Learning Activities to Success Grade		0.00
Contribution of Final Exam to Success Grade		100.00
Total		100.00
Measurement and Evaluation Techniques Used in the Course		

24	ECTS / WORK LOAD TABLE
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25	CONTRIBUTION OF LEARNING OUTCOMES TO PROGRAMME QUALIFICATIONS
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	PQ1	PQ2	PQ3	PQ4	PQ5	PQ6	PQ7	PQ8	PQ9	PQ10	PQ11	PQ12	PQ13	PQ14	PQ15	PQ16
ÖK1	5	5	5	5	5	4	4	5	5	5	5	5	0	0	0	0
ÖK2	5	5	5	5	5	4	4	5	5	5	5	5	0	0	0	0
ÖK3	5	5	5	5	5	5	4	5	5	5	5	5	0	0	0	0
ÖK4	5	5	5	5	5	5	5	5	5	5	5	5	0	0	0	0
ÖK5	5	5	5	5	5	5	5	5	5	5	5	5	0	0	0	0
ÖK6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

LO: Learning Objectives PQ: Program Qualifications

Contribution Level:	1 very low	2 low	3 Medium	4 High	5 Very High
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