ANIMAL ANATOMY

1	Course Title:	ANIMAL ANATOMY	
2	Course Code:	BYL2009	
3	Type of Course:	Compulsory	
4	Level of Course:	First Cycle	
5	Year of Study:	2	
6	Semester:	3	
7	ECTS Credits Allocated:	4.00	
8	Theoretical (hour/week):	2.00	
9	Practice (hour/week):	0.00	
10	Laboratory (hour/week):	0	
11	Prerequisites:	None	
12	Language:	Turkish	
13	Mode of Delivery:	Face to face	
14	Course Coordinator:	Dr. Ögr. Üyesi RAHŞEN KAYA	
15	Course Lecturers:		
16	Contact information of the Course Coordinator:	Dr. Öğr. Üyesi Rahşen S. KAYA Uludağ Üniversitesi, Fen-Edebiyat Fakültesi, Biyoloji Bölümü e-posta: rkaya@uludag.edu.tr Telefon: 0 (224) 294 2868 Uludag University, Faculty of Arts and Science, Department of Biology e-mail: rkaya@uludag.edu.tr Phone: 0 (224) 294 2868	
17	Website:		
18	Objective of the Course:	The aim of this course is to describe the comparative vertebrate anatomy of skin, derivatives of skin, skeletal system (vertebrae, spine, skull, sternum, ribs, arches, extremities), muscular system, digestive system, circulatory system, excretory system, comparative anatomy of reproductive and nervous system in vertebrate animals.	
19	Contribution of the Course to Professional Development:	Gains the ability to about the comparative anatomy of vertebrate animals and to evaluate the evolutionary similarity and differentiation in vertebrates from geological ages to their present representatives.	
20	Learning Outcomes:		
		1	Comprehending of structural features of vertebrates
		2	He/she explains the terms of anatomy
		3	Comprehending of structural features of integument of vertebrates
		4	He/she classifies the parts of skeleton system.
		5	Learning of body organisations and structures of respiratory, feeding, digestion, circulatory systems.
		6	Comprehending of structures of excretory, neural regulation and reproductive systems, sensory, protection, support and movement organs.
		7	Distiction of systems of vertebrates comparatively
		8	
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21	Course Content:

Course Content:

Week	Theoretical	Practice
1	anatomical terms of vertebrate animals and classification of vertebrates	
2	Comparative anatomy of skin of vertebtares: integument, skin glands, horns, feathers, scales and, hairs,	
3	Comparative anatomy of skin of vertebtares: integument, skin glands, horns, feathers, scales and, hairs,	
4	Comparative anatomy of Skeletal system of vertebrate animals: vertebrae, vertebral column, ribs and sternum,	
5	Comparative anatomy of skeletal system of vertebrate animals: skull.	
6	Comparative anatomy of skeletal system of vertebrate animals: fins, girdles, forelimb and hindlimb.	
7	Somites in vertebrates	
8	Comparative anatomy of the muscular system of vertebrate animals	
9	Comparative anatomy of the digestive system of vertebrate animals.	
10	Comparative anatomy of the respiratory system of vertebrate animals.	
11	Comparative anatomy of the urogenital	
12	Comparative anatomy of the nervous system of vertebrate animals.	
13		
14		

Activites	Number	Duration (hour)	Total Work Load (hour)
Theoretical	14	2.00	28.00
Practicals/Labs	0	0.00	0.00
Self study and preperation	3	9.00	27.00
Homeworks	1	15.00	15.00
Projects	1	6.00	6.00
Field Studies	0	0.00	0.00
Midterm Exams	1	19.00	19.00
Others	0	0.00	0.00
Final Exams	1	25.00	25.00
Total Work Load			120.00
Total work load/ 30 hr			4.00
ECTS Credit of the Course			4.00

22	Textbooks, References and/or Other Materials:

Melekper Oktay. 1988. Omurgalı Hayvanların Karsılastırmalı Anatomisi. İstanbul Üniv. Fen Fakültesi

Atatür M.K., Kaya U., Omurdalıların Karsılastırmalı

Serisi No. 180

klavuzu. Ege Üniversitesi Fen Fakültesi Ders Kitapları Serisi No: 90

Kardong. K. V. 2012. Vertebrates. Comparative Anatomy, Function, Evolution. Sixth edition. Mc Graww Hill. 794 p.

23	Assesment

TERM LEARNING ACTIVITIES	**NUMBER**	**WEIGHT**
Midterm Exam	1	40.00
Quiz	0	0.00
Home work-project	0	0.00
Final Exam	1	60.00
Total	2	100.00

Contribution of Term (Year) Learning Activities to Success Grade	40.00
Contribution of Final Exam to Success Grade	60.00
Total	100.00
Measurement and Evaluation Techniques Used in the Course	The Written Examination

24 ECTS / WORK LOAD TABLE

25 CONTRIBUTION OF LEARNING OUTCOMES TO PROGRAMME QUALIFICATIONS

	PQ1	PQ2	PQ3	PQ4	PQ5	PQ6	PQ7	PQ8	PQ9	PQ10	PQ11	PQ12	PQ13	PQ14	PQ15	PQ16
ÖK1	3	2	4	5	3	4	2	5	4	5	5	5	0	0	0	0
ÖK2	3	1	4	5	3	4	2	5	4	5	5	5	0	0	0	0
ÖK3	5	1	3	5	3	4	4	3	4	5	5	5	0	0	0	0
ÖK4	5	1	4	5	3	5	4	5	4	5	5	5	0	0	0	0
ÖK5	5	1	4	5	3	5	4	4	5	5	5	5	0	0	0	0
ÖK6	5	1	4	5	3	4	3	3	4	5	5	5	0	0	0	0
ÖK7	5	1	4	5	3	4	3	3	4	5	5	5	0	0	0	0

LO: Learning Objectives PQ: Program Qualifications

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