ZOOLOGY										
1	Course Title:	ZOOLO	GY							
2	Course Code:	BYL1186								
3	Type of Course:	Compuls	sory							
4	Level of Course:	First Cycle								
5	Year of Study:	1								
6	Semester:	2								
7	ECTS Credits Allocated:	3.00								
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. Oğr. 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 course aims to teach the history and branches of zoology; animal cell structure and organelles, cell division, development, animal tissues, metabolism events, nutrition and vitamins, digestion, respiration, circulation, excretory, reproductive, sensory organs, nervous system and classification of animals.								
19	Contribution of the Course to Professional Development:	To have general knowledge about animal cell, tissues, systems and principles of animal classification.								
20	Learning Outcomes:									
		1	Students learn the animal cell and organelles							
		2	Students acquire knowledge about mechanisms animal cell-division cycle, protein synthesis							
		3	Students learn basic concepts of zoology							
		4	Students get knowledge about functions of animal tissue							
		5	Students get knowledge about functions and organ systems in animals							
		6	Students get knowledge types of reproduction in humans and animals							
		7	Students learn the classification of animals							
		8	Students learn the general characters of animals							
		9	Students learn the basic principles of the development of animals							
		10								
21	Course Content:									

	Course Content:											
Week	Theoretical		Pı	ractice								
1	General introduction, introduction of t and content of the course, explanatio course and resource books, general characteristics of animals, physical a chemical structures	the aim on of the nd										
2	Explanation of protein synthesis, carbohydrate and lipid structure in the	e cell										
3	Introducing the macromolecules that the cell. Introduction to cell science, s features of the cell membrane, cytopl its internal organs.	make up structural lasm and										
4	Cell division: Amytosis, Mitosis, Meio Spermatogenesis, OOgenesis, Fertili	sis, zation										
5	Development: Egg types, Segmentat Mesoderm formation, Organogenesis Development theories	ion, s,										
6	Tissues: epithelial tissue, connective supportive tissue, muscle tissue, nerv blood tissue	and ve tissue,										
7	Enzymes, factors affecting enzyme a and introduction to metabolism, vitam	ctivity nins.										
8	Digestive and Respiration systems											
9	Circulatory and Excretory Systems											
Activit	es			Number	Duration (hour)	Total Work Load (hour)						
Th eo re	Calssification of Animals			14	2.00	28.00						
Practica	als/Labs			0	0.00	0.00						
Self stu	idy and preperation		7	4 oloji Jülide Tanvolac	5.00 Turgut Tanvolac 2	20.00						
Homew	vorks			0	0.00	0.00						
Project	S		A M	pemirsoy, Prof. Dr. I I olecular Cell Biology (ijrkan, 1999.) Harvev Lodish ve A	0.00 rk W H						
Field St	tudies			0	0.00	0.00						
Midtern	n exams			1	20.00	20.00						
Others				0	0.00	0.00						
Final E	xams	R		1	22.00	22.00						
Total W	/ork Load					90.00						
Qquíazl w	ork load/ 30 hr	0	0.	00		3.00						
ECTS (Credit of the Course					3.00						
Final E	xam	1	60.00									
Total		2	100.00									
Contrib Succes	ution of Term (Year) Learning Activitie s Grade	es to	40.00									
Contrib	ution of Final Exam to Success Grade	9	60.00									
Total			100.00									
Measur Course	rement and Evaluation Techniques Us	sed in the	Tŀ	ne Test Examination								
24	ECIS/WORK LOAD TABLE											

25	CONTRIBUTION OF LEARNING OUTCOMES TO PROGRAMME QUALIFICATIONS															
	PQ1	PQ2	PQ3	PQ4	PQ5	PQ6	PQ7	PQ8	PQ9	PQ1 0	PQ11	PQ12	PQ1 3	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	4	0	5	5	5	0	0	0	0
ÖK5	5	1	4	5	3	5	4	4	0	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
ÖK8	5	1	4	5	3	4	3	3	4	5	5	5	0	0	0	0
ÖK9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
LO: Learning Objectives PQ: Program Qualifications																
Contrib 1 very low ution Level:				2 low 3			Medium		4 High			5 Very High				