

GENERAL BIOLOGY (ZOOLOGY)

1	Course Title:	GENERAL BIOLOGY (ZOOLOGY)
2	Course Code:	BYL1002
3	Type of Course:	Compulsory
4	Level of Course:	First Cycle
5	Year of Study:	1
6	Semester:	2
7	ECTS Credits Allocated:	5.00
8	Theoretical (hour/week):	2.00
9	Practice (hour/week):	0.00
10	Laboratory (hour/week):	0
11	Prerequisites:	-
12	Language:	Turkish
13	Mode of Delivery:	Face to face
14	Course Coordinator:	Prof. Dr. Hikmet Sami Yıldırımhan
15	Course Lecturers:	Prof. Dr. Hikmet Sami Yıldırımhan Prof. Dr. Sibel TAŞ Yrd. Doç. Dr. Rahşen S. KAYA
16	Contact information of the Course Coordinator:	Uludağ Üniversitesi Fen-Edebiyat Fakültesi Biyoloji Bölümü Görükle Kampüsü, Nilüfer/BURSA 16059 e-posta: yhikmet@uludag.edu.tr Telefon: 0 224 294 17 90 Uludag University Faculty of Arts and Science Department of Biology Gorukle Campus, Nilufer/BURSA 16059 e-mail: yhikmet@uludag.edu.tr Phone: 0 224 294 17 90
17	Website:	
18	Objective of the Course:	The objective of this lesson is to equip students with knowledge about cell protein synthesis tissues. Students are also provided with information about digestive system, circulation system, urinary system, respiratory system, skeletal muscle contraction mechanism, neural processing and behavior, hormonal system. To teach the organisms belonging to some groups.
19	Contribution of the Course to Professional Development:	
20	Learning Outcomes:	
	1	Students learn the structures of cell and their functions.
	2	Students learn cell division, control of division at molecular level.
	3	Students learn functions of tissue and organs.
	4	Students learn reproduction types in organisms.
	5	Students learn genetical structure of organism and mutation subjects.
	6	Students acquire knowledge about basic knowledge as to zoology.
	7	Students learn scientific classification and nomenclature of animals.

		8	Students learn general characteristics and classification of animals.		
		9	Students learn organ systems and their functions.		
		10	Students learn how the development have been occurred.		
21	Course Content:				
	Course Content:				
Week	Theoretical		Practice		
1	The basic charecteristics of human and animal bodies				
2	Proteins, Carbohydrates and Lipids				
3	Cell, Cytoplasm, and Organelles.				
4	Meiosis and Mitosis.				
5	Apoptosis				
6	Tissues and their functions and types				
7	Midterm exam and review.				
8	Enzymes and Vitamins. Digestive, Circulation and Respiration systems				
9	Excretion system and Sense rgans				
10	Nerves system				
11	Endocrine system				
12	Urogenital system				
Activites			Number	Duration (hour)	Total Work Load (hour)
Theoretical			14	2.00	28.00
22	Textbooks, References and/or Other		Zoologii, İtilide Tanıvolac	Turgut Tanıvolac 2000	
Practicals/Labs			0	0.00	0.00
Self study and preperation			A. Demirsoy, Prof. Dr. I. Utkan, 1999.)	40.00	80.00
Homeworks			2	12.00	24.00
Projects			1	15.00	15.00
Field Studies			0	0.00	0.00
TERM LEARNING ACTIVITIES					
Midterm exams			1	2.00	2.00
Others			0	0.00	0.00
Final Exams			0	2.00	2.00
Total Work Load					153.00
Total Workload/ 30 hr			1	60.00	5.03
ECTS Credit of the Course					5.00
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					
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
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
ÖK10	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			