

# GENERAL ZOOLOGY

1	Course Title:	GENERAL ZOOLOGY	
2	Course Code:	AYHZ102	
3	Type of Course:	Compulsory	
4	Level of Course:	Short Cycle	
5	Year of Study:	1	
6	Semester:	2	
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:	-	
12	Language:	Turkish	
13	Mode of Delivery:	Face to face	
14	Course Coordinator:	Dr. Öğr. Üyesi RAHŞEN KAYA	
15	Course Lecturers:		
16	Contact information of the Course Coordinator:	hakki@uludag.edu.tr Telefon: +90 (224) 2941791 Adres: Uludağ Üniversitesi, Fen – Edebiyat Fakültesi, Biyoloji Bölümü, Görükle Kampüsü, 16059 Nilüfer/Bursa.	
17	Website:		
18	Objective of the Course:	Teaching scientific discipline of zoology to student who are starting education.	
19	Contribution of the Course to Professional Development:		
20	Learning Outcomes:		
		1	Learning the important technical terms related to Zoology.
		2	Grasping the basic principles regarding the nomenclature of the animals.
		3	Understanding functions of protoplasm cytoplasm and cell wall.
		4	Differentiating Cell and Cell organelles.
		5	Comprehending mayos and mitoz cell division
		6	Learning functions of tissues and organs.
		7	To establish relationship between animal functions and ecosystem.
		8	To use the basic information obtained from field of Zoology in forestry
		9	
		10	
21	Course Content:		
		<b>Course Content:</b>	
Week	Theoretical	Practice	
1	Historical development of cell informations, explaining the science of zoology and its sub branches.		

2	Organic and inorganic compounds of cell (Carbohydrates, fats and proteins).	
3	Organic and inorganic compounds of cell (Nucleic acids, enzymes and vitamins).	
4	Cell organells:mitochondria, ribosoms, endoplasmic reticulm and lyssosome.	
5	Cell organells:Golgi, centrosome, Plastids, Nucleus and the chromomes.	
6	The Cell cycle and cell division: Mitosis.	
7	The cell division :Meiosis.	
8	Repeating courses and midterm exam	
9	Cell membrane structure models and matter transition.	
10	Tissues: Epithelial tissue, Muscle tissue, connective and support tissue , blood tissue, nerve tissue.	
11	Organs and organ systems: Digestive systems, food and nutrition.	
12	Classification of animals:invertebrates.	
13	Classification of animals: Vertebrates.	
14	Classification of animals: Vertebrates.	
22	Textbooks, References and/or Other Materials:	Genel Zooloji, J.Tanyolaç, T. Tanyolaç Zooloji Ayla Öber
23	Assesment	
<b>TERM LEARNING ACTIVITIES</b>		
	<b>NUMBE R</b>	<b>WEIGHT</b>
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		
24	<b>ECTS / WORK LOAD TABLE</b>	

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	14	3.00	42.00
Homeworks	0	0.00	0.00
Projects	0	0.00	0.00
Field Studies	0	0.00	0.00
Midterm exams	1	20.00	20.00
Others	0	0.00	0.00
Final Exams	1	30.00	30.00
Total Work Load			120.00
Total work load/ 30 hr			4.00
ECTS Credit of the Course			4.00

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	5	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ÖK2	3	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ÖK3	3	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ÖK4	4	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ÖK5	2	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ÖK6	3	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ÖK7	2	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ÖK8	2	0	0	2	3	3	0	0	0	0	0	0	0	0	0	0
<b>LO: Learning Objectives    PQ: Program Qualifications</b>																
<b>Contribution Level:</b>	<b>1 very low</b>		<b>2 low</b>			<b>3 Medium</b>			<b>4 High</b>			<b>5 Very High</b>				