

# PRINCIPLES OF TAXONOMIC ZOOLOGY (ZOOLOGY SECTION)

1	Course Title:	PRINCIPLES OF TAXONOMIC ZOOLOGY (ZOOLOGY SECTION)	
2	Course Code:	BIO5501	
3	Type of Course:	Compulsory	
4	Level of Course:	Second Cycle	
5	Year of Study:	1	
6	Semester:	1	
7	ECTS Credits Allocated:	6.00	
8	Theoretical (hour/week):	3.00	
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:		
16	Contact information of the Course Coordinator:	Prof. Dr. Hikmet Sami YILDIRIMHAN yhikmet@uludag.edu.tr 0224 2941790 Uludağ Üniversitesi, Fen – Edebiyat Fakültesi, Biyoloji Bölümü, 16059, Nilüfer-Bursa	
17	Website:		
18	Objective of the Course:	Description and short history of systematic; systematic and taxonomy; taxonomic characters; Taxonomic characteristics; variations; taxonomic researches, taxonomic printed papers, international zoological nomenclature; homonym, synonym and typus concepts are aimed to be given to students in improved and advanced level.	
19	Contribution of the Course to Professional Development:	gives information about taxonomic analysis and classification in various researches in the field of basic sciences.	
20	Learning Outcomes:		
		1	To apply utilized the certain rules and principles for naming and classifying the animals.
		2	To embrace and learn taxonomical hierarchy.
		3	To know and apply with using the features of taxonomical characters.
		4	To identification natural-phenetic, cladistic and chronologic relations in taxonomical classification principles.
		5	To apply the methods and techniques using in taxonomy by learning.
		6	To obtain an information about the variations in animal populations.
		7	To have an idea about subspecies level
		8	
		9	
		10	
21	Course Content:		
		<b>Course Content:</b>	
Week	Theoretical	Practice	

1	The explanation of the differences between the terms of taxonomy and systematics.	
2	To explain the history of the systematic, taxonomical hierarchy and classification stages.	
3	To describe the difficulties in the study of taxonomy, the jobs of taxonomists and to describe the applied biology.	
4	To describe planning a taxonomical study and to study of the local fauna	
5	To explain the relationship between the taxonomy with the other braches of biology.	
6	Taxonomy and statistics are compared.	
7	To describe the toxonomic categories.	
8	To describe the international zoological nomenclature rules.	
9	To describe the homonym, synonyme and typus.	
10	To describe the taxonomical studies.	
11	To description of the taxonomical characters.	
12	To description of the taxonomical characters.	
13	To description of the taxonomical characters.	
14	General information	
Activites		
	Number	Duration (hour)
Theoretical	42	42.00
Practicals/Labs	0	0.00
Self study and preperation	3	3.00
Homeworks	5	5.00
Projects	0	0.00
Field Studies	0	0.00
Midterm exams	0	0.00
TERM LEARNING ACTIVITIES	NUMBE	WEIGHT
Others	0	0.00
Midterm Exam	0	0.00
Final Exams	1	32.00
Total Work Load		183.00
Home work-project	0	0.00
Total work load/ 30 hr		6.10
ECTS Credit of the Course		6.00
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	the writing 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	2	0	5	0	3	4	0	0	0	0	0	0	0	0	0	0
ÖK2	0	0	5	0	4	0	3	0	0	0	0	0	0	0	0	0
ÖK3	0	0	5	0	4	0	3	0	0	0	0	0	0	0	0	0
ÖK4	0	0	0	0	5	0	3	0	0	0	0	0	0	0	0	0
ÖK5	0	0	0	5	0	0	3	0	0	0	0	0	0	0	0	0
ÖK6	0	0	0	0	0	0	3	5	0	0	0	0	0	0	0	0
ÖK7	0	0	5	0	0	0	3	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			