

ENTOMOLOGY

1	Course Title:	ENTOMOLOGY
2	Course Code:	BTKZ101
3	Type of Course:	Compulsory
4	Level of Course:	Short Cycle
5	Year of Study:	1
6	Semester:	1
7	ECTS Credits Allocated:	5.00
8	Theoretical (hour/week):	3.00
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:	Öğr. Gör. HAKAN ERDOĞAN
15	Course Lecturers:	
16	Contact information of the Course Coordinator:	Öğ.Gör. Hakan ERDOĞAN hkerdogan@uludag.edu.tr 02247736042
17	Website:	
18	Objective of the Course:	The aim of this course is to make students aware of the general features of insecta class, benefits and harms to humans, morphology, anatomy and physiology and insect collections.
19	Contribution of the Course to Professional Development:	Recognizes all the pests that cause economic problems, especially insects.
20	Learning Outcomes:	
	1	Recognize insects
	2	To have information about the benefits and harms of insects and to group them accordingly
	3	To be able to evaluate the morphological characteristics of insects in terms of agricultural combat
	4	Be able to collect insects and make insect collections in accordance with international rules
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21	Course Content:	
	Course Content:	
Week	Theoretical	Practice
1	Systematic place of insects and general characteristics of some important classes of Arthropoda branch	
2	Harms and benefits of insects	
3	External structure (morphology), skin and structure of insects	

4	Insects head (caput, cephalo) and extensions	
5	Thorax and its extensions	
6	Abdomen and its extensions	
7	Internal structure and function of insects (anatomy and physiology), muscular system, digestive system	
8	Internal structure and function of insects (anatomy and physiology), muscular system, digestive system	
9	Excretory system, circulatory system and respiratory system	
10	Nervous system and secretory system	
11	Sensory organs and reproductive system	
12	Reproduction and development in insects	
13	Insect ecology	
14	Making insect collections	

22	Textbooks, References and/or Other Materials:	Ders Notu: -F. Turanlı, Genel Entomoloji, Basılmamış Lisans Ders Notları, Ege Üniv. Ziraat Fak., Bornova, İzmir, 58 s., 2010. Yardımcı Kaynaklar: 1. Kansu, İ.A., 1994, Genel Entomoloji, Kıvanç Basımevi, Ankara, 426 s. 2. Lodos, N., 1983. Türkiye Entomolojisi I Genel, Uygulamalı ve Faunisik. Ege Üniversitesi Ziraat Fakültesi Yayınları No
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Activites		Number	Duration (hour)	Total Work Load (hour)
TERM LEARNING ACTIVITIES		NUMBER	WEIGHT	
Theoretical		14	3.00	42.00
Practicals/Labs		0	0.00	0.00
Self-study and preparation	0	0.00	5.00	70.00
Homeworks		1	10.00	10.00
Projects		0	0.00	0.00
Final Exam	1	60.00		
Field Studies		1	8.00	8.00
Midterm exams		1	10.00	10.00
Contribution of Term (Year) Learning Activities to		40.00		
Others		0	0.00	0.00
Contribution of Final Exam to Success Grade		60.00	10.00	10.00
Total Work Load				150.00
Total work load/ 30 hr				5.00
Measurement and Evaluation Techniques Used in the		Measurement and evaluation is carried out according to		
ECTS Credit of the Course				5.00

undergraduate Education Regulation.

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	5	2	2	2	2	2	3	1	1	0	0	0	0	0	0	0
ÖK2	5	2	2	1	1	1	4	3	1	0	0	0	0	0	0	0
ÖK3	5	2	2	1	1	1	4	2	1	0	0	0	0	0	0	0

ÖK4	5	1	1	1	1	2	1	1	1	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							