

ENTOMOLOGY

1	Course Title:	ENTOMOLOGY
2	Course Code:	BTK2603
3	Type of Course:	Compulsory
4	Level of Course:	First Cycle
5	Year of Study:	2
6	Semester:	3
7	ECTS Credits Allocated:	2.00
8	Theoretical (hour/week):	2.00
9	Practice (hour/week):	0.00
10	Laboratory (hour/week):	0
11	Prerequisites:	This course includes basic information about entomology. Most of this information is memorized. The lesson must be studied day by day.
12	Language:	Turkish
13	Mode of Delivery:	Face to face
14	Course Coordinator:	Prof. Dr. İSMAİL ALPER SUSURLUK
15	Course Lecturers:	-
16	Contact information of the Course Coordinator:	susurluk@uludag.edu.tr (0 224) 294 15 79 Uludağ Üniversitesi, Ziraat Fakültesi, Bitki Koruma Bölümü
17	Website:	
18	Objective of the Course:	The problems in production of plants because of insects could be recognized truly and quickly. The problems could be controlled by means of this course.
19	Contribution of the Course to Professional Development:	
20	Learning Outcomes:	
	1	To learn location of insects in the animal kingdom, injury of insect pests, role of useful insects in agriculture.
	2	To learn general morphological features, reproduction and growing of insects.
	3	To understand insects relationship with environments and each other.
	4	To learn and apply and teach of control methods with insect pests.
	5	To recognize entomological problem of a region or country.
	6	To solve problems which are appear suddenly because of insects.
	7	To work about agricultural pesticides.
	8	-
	9	-
	10	-
21	Course Content:	
	Course Content:	
Week	Theoretical	Practice

1	Locations of systematics, economic importance and out surface of insects are taught.			
2	Internal organs of insects (muscle, digestive, excretory, circulatory, respiratory, reproduction, nervous and sense organs-1) are taught.			
3	Internal organs of insects (sense organs-2, light and secretion organs) are taught.			
4	Reproduction and growing of insects are taught (egg and larvae period).			
5	Growing of insects (metamorphism and types of pupa) and reproduction of insects are taught.			
6	Ecologies of insects about inanimate agents are taught.			
7	Ecologies of insects about alive agents and agricultural quarantine are taught.			
8	Control methods of plant pests deal with economically are lectured. Predicting and early warning system are lectured.			
9	Cultural precautions and biological control against insects are taught.			
10	Biological control and physical control against insects are lectured.			
11	Biotechnical control and chemical control against insects are taught.			
Activites		Number	Duration (hour)	Total Work Load (hour)
14	Theoretical	14	2.00	28.00
Practicals/Labs		0	0.00	0.00
Self study and preparation		0	0.00	0.00
Homeworks		0	0.00	0.00
Projects		0	0.00	0.00
Field Studies		0	0.00	0.00
TERM LEARNING ACTIVITIES		NUMBER	WEIGHT	
Midterm exams		1	10.00	10.00
Others		0	0.00	0.00
Final Exams		0	15.00	15.00
Total Work Load				72.00
Total work load/ 30 hr		1	60.00	2.07
Final Exam				
ECTS Credit of the Course				2.00
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	2	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ÖK2	0	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ÖK3	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ÖK4	0	0	4	0	0	3	0	0	0	0	0	0	0	0	0	0
ÖK5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ÖK6	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ÖK7	0	0	0	0	0	0	0	0	4	0	0	0	0	0	0	0
ÖK8	0	0	0	0	0	0	0	0	0	0	0	0	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			