



AYDIN ADNAN MENDERES UNIVERSITY COURSE INFORMATION FORM

Course Title		Urban Entomology							
Course Code		BKR218		Course Level		Short Cycle (Associate's Degree)			
ECTS Credit	2	Workload	50 (Hours)	Theory	2	Practice	0	Laboratory	0
Objectives of the Course		In this course, it is aimed to teach definitions, biology, pests and control of pests that are important for public health in our country.							
Course Content		Definitions, biology, pests and control of pests that are important for public health are given.							
Work Placement		N/A							
Planned Learning Activities and Teaching Methods				Explanation (Presentation), Discussion, Case Study, Individual Study					
Name of Lecturer(s)		Prof. Özgür GÜÇLÜ							

Assessment Methods and Criteria

Method	Quantity	Percentage (%)
Midterm Examination	1	40
Final Examination	1	70

Recommended or Required Reading

1	Course notes of Lecturers
2	Özbel Y. 2017. Vektör Artropodlar ve Mücadelesi. Türkiye Parazitoloji Derneği. Yayın no: 25

Week	Weekly Detailed Course Contents	
1	Theoretical	Introduction and Introduction of the Course
2	Theoretical	Mosquitoes (Diptera: Culicidae) Vectors And Control
3	Theoretical	Mosquitoes (Diptera: Culicidae) Vectors And struggle
4	Theoretical	Houseflies (Black Flies) (Diptera: Simuliidae) Vectors and their Control
5	Theoretical	House Fly (Musca Domestica L.) Biology And Control methods
6	Theoretical	Bedbugs (Hemiptera: Cimicidae) Vectors And Control
7	Theoretical	Fleas (Insecta: Siphonapteridae) Vectors and Control
8	Intermediate Exam	Midterm Exam
9	Theoretical	Lice (Phthiraptera: Pediculidae) Vectors And Control
10	Theoretical	Ticks (Acarina: Ixodidae / Argasidae) Vectors And Control
11	Theoretical	Cockroaches
12	Theoretical	Cockroaches and Control
13	Theoretical	The Method Used In Vector Control And Equipment
14	Theoretical	The Method Used In Vector Control And Equipment
15	Theoretical	Final exam preparation



Workload Calculation

Activity	Quantity	Preparation	Duration	Total Workload
Lecture - Theory	14	0	2	28
Assignment	1	2	0	2
Midterm Examination	1	9	1	10
Final Examination	1	9	1	10
Total Workload (Hours)				50
[Total Workload (Hours) / 25*] = ECTS				2

*25 hour workload is accepted as 1 ECTS

Learning Outcomes

1	Recognize urban pests
2	Learn the biology of urban pests
3	Learn the control of urban pests
4	Learn the regulations and legislation for the control of urban pests
5	Recognize virus vector insects that cause important diseases in humans

Programme Outcomes (Plant Protection)

1	To be able to learn about systematics, morphological, biological, ecological and epidemiological information about diseases, pests and weeds that cause the loss of the crop at every stage of production,
2	To be able to become familiar with agricultural management control methods and their use in control of plant diseases, pests and weeds in cultivated agricultural crops,
3	To be able to diagnose and identify plant diseases, insect, mite or nematode pests or weeds that cause economical losses in stored crops and products,
4	To be able to use pesticides safely and effectively and informed about their hazardous non-target effects on the environment and human health.
5	To be able to learn plant protection products and their practice in organic agriculture,
6	To be able to evaluate the information obtained throughout the learning process with cause-effect relations, to be able to collect data and transfer the results to practice, and to predict where, when and why to use the information
7	To be able to comply with professional, cultural, social ethic rules in his / her field and to be entrepreneurial
8	To be able to have conscious of the universality of social rights, social justice, quality and cultural values, environment protection, occupational health and safety issues
9	To be able to use information and communication technologies together with the required computer software of his / her field
10	To be able to have the necessary background and qualifications to work in public and private agriculture sectors, to be able to conduct a study independently / as a team member and to be able to comply with the relevant legislation

Contribution of Learning Outcomes to Programme Outcomes 1:Very Low, 2:Low, 3:Medium, 4:High, 5:Very High

	L1	L2	L3	L4	L5
P1	3	3	2	2	1
P2	3	3	1	1	1
P3	5	5	4	4	4
P4	5	5	4	4	4
P5	1	1	1	1	2
P6	3	3	1	2	2
P10	4	4	3	3	2

