



AYDIN ADNAN MENDERES UNIVERSITY COURSE INFORMATION FORM

Course Title		Urban Entomology							
Course Code		ZBK511		Course Level		Second Cycle (Master's Degree)			
ECTS Credit	8	Workload	200 (<i>Hours</i>)	Theory	3	Practice	0	Laboratory	0
Objectives of the Course		To provide information about morphological, biological properties and prevention and control methods of insects and mites (mosquitoes, flies, cockroaches, furniture and articles of wood pests, moths, dry wood, ticks, etc.)at home, workplace, hospital, warehouse and so on which nuisance to people.							
Course Content		Human environment and urbanization, pests in human environment and economic control, flies, vectors and protection (Diptera), louse, vectors and protection (Anoplura), fleas, vectors and protection (Siphonaptera), mites and tickes in human and animals, cockroaches (Dictyoptera), pests of Coleoptera, Lepidoptera, Hymenoptera, bedbugs (hemiptera,cimicidae), poisonously arthropods, control of arthropods in human and animals.							
Work Placement		N/A							
Planned Learning Activities and Teaching Methods				Explanation (Presentation), Discussion, Individual Study					
Name of Lecturer(s)		Prof. Mehmet KARAGÖZ							

Assessment Methods and Criteria

Method	Quantity	Percentage (%)
Midterm Examination	1	40
Final Examination	1	60

Recommended or Required Reading

1	Özcel, M.A., and N.Daldal, 1997. Parazitolojide Artropod Hastalıkları Vektörler. Türkiye Parazitoloji Derneği Yayın No:13,527s.
2	Robinson, W. H., 1996. Urban Entomology. ChapmanHall, London, 430 pp.
3	Ecevit, O., 1998. İnsan ve Hayvan Zararlısı Arthropod (Arthropoda)'lar. O.M.Ü. Zir. Fak. Ders Kitabı No.28, 296 s.

Week	Weekly Detailed Course Contents	
1	Theoretical	Introduction (Human environment and urbanization)
2	Theoretical	Pests in human environment and economic control
3	Theoretical	Flies, vectors and protection (Diptera)
4	Theoretical	Louse, vectors and protection (Anoplura)
5	Theoretical	Fleas, vectors and protection (Siphonaptera)
6	Theoretical	Mites and ticks in human and animals
7	Theoretical	Cockroaches (Dictyoptera)
8	Intermediate Exam	Midterm Exam
9	Theoretical	Pests of Coleoptera
10	Theoretical	Pests of Lepidoptera
11	Theoretical	Pests of Hymenoptera
12	Theoretical	Bedbugs (Hemiptera, Cimicidae)
13	Theoretical	Poisonously Arthropods
14	Theoretical	Control of arthropods in human and animals
15	Theoretical	Control of arthropods in human and animals
16	Final Exam	Final Exam

Workload Calculation

Activity	Quantity	Preparation	Duration	Total Workload
Lecture - Theory	14	1	3	56
Assignment	10	8	1	90
Reading	12	0	1	12
Midterm Examination	1	20	1	21



Final Examination	1	20	1	21
Total Workload (Hours)				200
[Total Workload (Hours) / 25*] = ECTS				8
*25 hour workload is accepted as 1 ECTS				

Learning Outcomes

1	to be able to recognize the morphology of nuisance insects and mites on indoor places
2	to be able to recognize the biological properties of nuisance insects and mites on indoor places
3	to be able to find out the protection methods of nuisance insects and mites on indoor places
4	to be able to find out the control methods of nuisance insects and mites on indoor places
5	

Programme Outcomes (Plant Protection Master)

1	To develop knowledge and abilities that gained during undergraduate education
2	To gain ability to search and pursue current literature
3	To gain ability to plan and write projects that help solving problems in field of study.
4	To gain ability to conduct research, analyze data, evaluate research results scientifically and prepare reports and thesis writing.
5	Students will be able to learn and apply the laboratory test and analysis methods
6	To recognize occupational and ethical responsibility

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	5	5	5	5	5
P2	4	4	4	4	4
P3	5	4	4	5	5
P4	4	5	5	4	4
P5	4	5	4	5	4
P6	5	4	4	5	4

