



AYDIN ADNAN MENDERES UNIVERSITY COURSE INFORMATION FORM

Course Title		Identification of Insects							
Course Code		ZBK506		Course Level		Second Cycle (Master's Degree)			
ECTS Credit	8	Workload	194 (<i>Hours</i>)	Theory	2	Practice	2	Laboratory	0
Objectives of the Course		the aim of this course is to identify the insects in family level and to contribute the knowledge in terms of reliable decision making in control of insects							
Course Content		information about morphologic, biologic and ecologic knowledge of insects in order level. Insect identification in family level on the samples from insect collection and field collected insects through the identification key.							
Work Placement		N/A							
Planned Learning Activities and Teaching Methods				Explanation (Presentation), Demonstration, Case Study					
Name of Lecturer(s)		Prof. Hüseyin BAŞPINAR							

Assessment Methods and Criteria

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

Recommended or Required Reading

1	Borror, D.J. and D.M. DeLong, 1970. An Introduction to the Study of Insects. 812 pp.
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Week	Weekly Detailed Course Contents	
1	Theoretical	General information on insects. Morphologic, biologic and ecologic knowledge of insects in Order level.
2	Theoretical	Information on the identification key and its use
3	Theoretical	Inspection of the orders Ephemeroptera and Orthoptera and identification of samples in family level
4	Theoretical	Inspection of the order Hemiptera I and identification of samples in family level
5	Theoretical	Inspection of the orders Hemiptera II and identification of samples in family level
6	Theoretical	Inspection of the orders Hemiptera III and identification of samples in family level
7	Intermediate Exam	Exam
8	Theoretical	Inspection of the orders Neuroptera and identification of samples in family level
9	Theoretical	Inspection of the orders Coleoptera I and identification of samples in family level
10	Theoretical	Inspection of the orders Coleoptera II and identification of samples in family level
11	Theoretical	Inspection of the orders Lepidoptera I and identification of samples in family level
12	Theoretical	Inspection of the orders Lepidoptera II and identification of samples in family level
13	Theoretical	Inspection of the orders Diptera and identification of samples in family level
14	Theoretical	Inspection of the orders Hymenoptera and identification of samples in family level
15	Theoretical	Inspection of the collection to review
16	Final Exam	Final Exam

Workload Calculation

Activity	Quantity	Preparation	Duration	Total Workload
Lecture - Theory	14	2	2	56
Lecture - Practice	14	3	2	70
Term Project	1	2	14	16
Midterm Examination	1	20	1	21



Final Examination	1	30	1	31
Total Workload (Hours)				194
[Total Workload (Hours) / 25*] = ECTS				8
*25 hour workload is accepted as 1 ECTS				

Learning Outcomes

1	to be able to identify the insects in order level
2	to be able to identify the insects in family level
3	to be able to recognize the pest and natural enemies
4	to be able to use the identification key in studies
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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	3	3	3	3	3
P2	4	4	4	4	4
P3	3	3	3	3	3
P4	2	2	2	2	2
P5	2	2	2	2	2
P6	3	3	3	3	3

