



## AYDIN ADNAN MENDERES UNIVERSITY COURSE INFORMATION FORM

Course Title		Integrated Pest Management							
Course Code		ZBK502		Course Level		Second Cycle (Master's Degree)			
ECTS Credit	8	Workload	198 ( <i>Hours</i> )	Theory	2	Practice	0	Laboratory	0
Objectives of the Course		The basic rules , and description of some models of Integrated Pest Management and their application							
Course Content		The practice and application of IPM in different crop Entegre							
Work Placement		N/A							
Planned Learning Activities and Teaching Methods				Explanation (Presentation), Discussion, Case Study, Project Based Study, Individual Study					
Name of Lecturer(s)									

### Assessment Methods and Criteria

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

### Recommended or Required Reading

1	Entomology and IPM , Lary P. Pedigo, Michigan Publishin Company, 646
2	Integrated Pest Management: Concepts, Tactics, Strategies and Case Studies. Edward B. Radcliffe, William D. Hutchinson, and Rafael E. Cancelado, editors, Cambridge: Cambridge University Press, 2009. 529 pp

Week	Weekly Detailed Course Contents	
1	Theoretical	Introduction to Integrated Pest Management
2	Theoretical	The principles of IPM
3	Theoretical	Economic injury level, economic threshold and effective factors
4	Theoretical	The economics of IPM (decision making, impacts and risks)
5	Theoretical	Insect ecology
6	Theoretical	Sampling methods
7	Intermediate Exam	Mid term exam
8	Theoretical	Resistance management
9	Theoretical	The risks of pesticide for human and environment
10	Theoretical	Biopesticide in IPM
11	Theoretical	IPM in field crops
12	Theoretical	
13	Theoretical	IPM in Greenhouse
14	Theoretical	IPM in greenhouses II
15	Theoretical	Overview of the course
16	Final Exam	Final exam

### Workload Calculation

Activity	Quantity	Preparation	Duration	Total Workload
Lecture - Theory	14	0	2	28
Lecture - Practice	14	0	2	28
Assignment	10	0	4	40
Term Project	14	0	2	28
Laboratory	10	0	5	50
Quiz	8	0	2	16
Midterm Examination	1	0	4	4



Final Examination	1	0	4	4
Total Workload (Hours)				198
[Total Workload (Hours) / 25*] = ECTS				8
*25 hour workload is accepted as 1 ECTS				

### Learning Outcomes

1	to be able to acquire the management practices
2	to be able to compare the management models
3	to be able to discuss the received results
4	
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	4	5	4
P2	5	5	5	4	4
P3	5	5	4	5	4
P4	5	5	5	4	5
P5	5	5	4	4	5
P6	5	4	4	4	5

