



AYDIN ADNAN MENDERES UNIVERSITY COURSE INFORMATION FORM

Course Title		Plant-Herbicide Interactions							
Course Code		ZBK640		Course Level		Third Cycle (Doctorate Degree)			
ECTS Credit	7	Workload	175 (<i>Hours</i>)	Theory	3	Practice	0	Laboratory	0
Objectives of the Course		evaluation of the relationships between herbicides and plants							
Course Content		demonstration of the mechanisms of action of herbicides and their mechanisms of action. , The pathways of herbicides to plant bunker, methods of classification of herbicides							
Work Placement		N/A							
Planned Learning Activities and Teaching Methods				Explanation (Presentation), Discussion					
Name of Lecturer(s)									

Assessment Methods and Criteria

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

Recommended or Required Reading

1	Mechanisms of herbicides in plants 1
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Week	Weekly Detailed Course Contents	
1	Theoretical	introduction of herbicides
2	Theoretical	Mechanisms of action of herbicides
3	Theoretical	pathways of herbicides
4	Theoretical	contents of herbicides and substances found
5	Theoretical	the functions of the substances in herbicides and their functions in plants
6	Theoretical	herbicides in plant movements
7	Intermediate Exam	Midterm exam
8	Theoretical	selectivity in herbicides
9	Theoretical	activity of herbicide varieties on plants
10	Theoretical	Herbicide classification and classification
11	Theoretical	effects of herbicides on plants
12	Theoretical	determination and effects of total herbicides on plant plantations
13	Theoretical	the process of systemic herbicides in the plant and killing the plant
14	Final Exam	Final Exam

Workload Calculation

Activity	Quantity	Preparation	Duration	Total Workload
Lecture - Theory	14	4	3	98
Assignment	4	2	1	12
Midterm Examination	1	30	1	31



Final Examination	1	33	1	34
Total Workload (Hours)				175
[Total Workload (Hours) / 25*] = ECTS				7
*25 hour workload is accepted as 1 ECTS				

Learning Outcomes

1	
2	
3	
4	
5	

Programme Outcomes (Plant Protection Doctorate)

1	Students improve their knowledge and skill previously gained during first cycle and second cycle programs and become a specialist their own discipline
2	Students gain knowledge and experience for using new techniques and equipments in their own discipline.
3	Students gain ability to plan and conduct scientific projects in their own discipline by using current knowledge and techniques, and to collect and analyze data and make inference on the results .
4	Students gain ability to write scientific articles and prepare them for publications and to make oral or poster presentations in scientific meetings.
5	Students gain ability to review scientific articles and projects relevant to their own discipline.
6	Students gain experiences how to get effective position in national and international projects.
7	Students gain experience for participating in and organizing scientific meetings.

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	5	5	5	5	5
P3	4	4	4	4	5
P4	4	5	5	5	4
P5	5	5	5	5	4
P6	4	4	4	4	4
P7	4	4	4	4	4

