



AYDIN ADNAN MENDERES UNIVERSITY COURSE INFORMATION FORM

Course Title		Plant Growth Regulators in Fruits and Vineyard							
Course Code		ZBB604		Course Level		Third Cycle (Doctorate Degree)			
ECTS Credit	6	Workload	150 (<i>Hours</i>)	Theory	2	Practice	2	Laboratory	0
Objectives of the Course		The aim of this course is to teach hormon structure, biosynthesis, translocation, action mechanism, using areas in fruit growing							
Course Content		auxins, cytokinins, gibberellins, abscisic acid, ethylene, jasmomic acid, calyckick acid and polyamins, action mechanisms and using areas in fruit and vine growing							
Work Placement		N/A							
Planned Learning Activities and Teaching Methods				Explanation (Presentation), Demonstration, Discussion, 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	Taiz, L. and Zeiger, E., 2008. Bitki Fizyolojisi. Üçüncü baskıdan çeviri, Çev. Ed. Prof. Dr. İsmail Türkan, Palme yayıncılık, Ankara, 690s.
2	Avcıoğlu, R. ve Gürel, A., 2000. Bitki Fizyolojisi. E. Ü. Zir. Fak. Yay. Ders Notları, No: 64/1, 368s. 3.
3	Plant Propagation by Tissue Culture Vol. 1 (Chapter 5, Chapter 6 and Chapter 7, Editors: Edwin F. George, Michael A. Hall and Geert-Jan De Klerk
4	Plant Growth Regulators in Agriculture and Horticulture: Their Role and Commercial Uses (Editor: Amarjit S. BASRA)

Week	Weekly Detailed Course Contents	
1	Theoretical	m
	Preparation Work	m
2	Theoretical	m
	Preparation Work	m
3	Theoretical	m
	Preparation Work	m
4	Theoretical	m
	Preparation Work	m
5	Theoretical	m
	Preparation Work	m
6	Theoretical	m
	Preparation Work	m
7	Theoretical	m
	Preparation Work	m
8	Theoretical	mid-term exam
9	Theoretical	m
	Preparation Work	m
10	Theoretical	m
	Preparation Work	m
11	Theoretical	m
	Preparation Work	m
12	Theoretical	m
	Preparation Work	m
13	Theoretical	m
	Preparation Work	m
14	Theoretical	m



14	Preparation Work	m
15	Theoretical	m
	Preparation Work	m
16	Theoretical	final exam

Workload Calculation

Activity	Quantity	Preparation	Duration	Total Workload
Lecture - Theory	14	2	2	56
Assignment	14	2	1	42
Midterm Examination	1	18	2	20
Final Examination	1	30	2	32
Total Workload (Hours)				150
[Total Workload (Hours) / 25*] = ECTS				6
*25 hour workload is accepted as 1 ECTS				

Learning Outcomes

1	
2	
3	
4	
5	

Programme Outcomes (Horticulture Doctorate)

1	To be able to have scientific value on the targeted area, research planning and conducting practices
2	To be able to plan, conduct, coordinate, and apply of research
3	Ability to literature search and record the obtained knowledge systematically
4	Ability to present research results and discussion
5	Ability to write a scientific article
6	Having a status to open-minded for life-long learning

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

