PHYTOORMONS AND THEIR APPLICATION									
1	Course Title:	PHYTOC	RMONS AND THEIR APPLICATION						
2	Course Code:	BIGB601	2						
3	Type of Course:	Optional							
4	Level of Course:	Third Cy	cle						
5	Year of Study:	1							
6	Semester:	2							
7	ECTS Credits Allocated:	6.00							
8	Theoretical (hour/week):	3.00							
9	Practice (hour/week):	0.00							
10	Laboratory (hour/week):	0							
11	Prerequisites:								
12	Language:	Turkish							
13	Mode of Delivery:	Face to f	ace						
14	Course Coordinator:	Doç.Dr. /	ASUMAN CANSEV						
15	Course Lecturers:								
16	Contact information of the Course Coordinator:	Doç.Dr. Asuman CANSEV auslu@uludag.edu.tr 224-29414641 Bursa Uludağ Üniversitesi Ziraat Fakültesi Bahçe Bitkileri Bölümü Nilüfer/Bursa							
17	Website:								
18	Objective of the Course:	This course is an explanation of these natural chemicals: how they are synthesized and metabolized; how they work; what we know about their molecular biology; how do we measure them; and an explanation of some of the roles they play in regulating plant growth and development.							
19	Contribution of the Course to Professional Development:	Contributes to the understanding of plant physiology by having knowledge about phytohormones, formation and functions.							
20	Learning Outcomes:								
		1	Learns the types of phytohormones						
		2	Learns the phytohormones formation						
		3	Learns the phytohormones function						
		4							
		5							
		6							
		7							
		8							
		9							
		10							
21	Course Content:								
		Co	urse Content:						
Week	Theoretical		Practice						
1	The Phytohormones: Their Nature, Occurrence, and Functions								
2	Auxin Biosynthesis and Metabolism								
3	Giberrellins Biosynthesis and Metabo	olism							

			LO: L	earr	ning C	Objec	tive	s I	PQ: P	rogra	ım Qu	alifica	tions	5			
OK3	4	4	4	4	4	4	4	4	2	2	0	0	0	0	0	0	
Ölfe																	
ÖK2	4	4	4	4	4	4	4	2	2	2	0	0	0	0	0	0	
ÖK1	4	4	4	4	4	4	4	4	2	2	0	0	3 0	0	0	0	
	PQ	1 PQ2	PQ3	PQ4	PQ5	PQ6	PQ7	PQ8	B PQ9	PQ1	PQ11	PQ12	PQ1	PQ14	PQ15	PQ16	
25 CONTRIBUTION OF LEARNING OUTCOMES TO PROGRAMME QUALIFICATIONS																	
									<u> </u> с то і			0.00					
Total wo	al work load/ 30 hr													6.00			
Total W	tal Work Load														180.00		
Final E								1			58.00			58.00			
Others)thers							0			0.00	0.00			0.00		
Midtern	oterm exams						10	100.00			0.00	0.00			0.00		
Field St	ield Studies								0			0.00			0.00		
Projects	Projects								0			0.00	0.00			0.00	
Homeworks							2			40.00	40.00			80.00			
Selfstudy and preparation 1						10	100.00		0.00		0.00						
Practicals/Labs							0			0.00	0.00			0.00			
Activites					0.	Number			Dura	Duration (hour)			Total Work Load (hour)				
TERM L	EARNIN	IG ACT	VITIES	5		N	UMBE	E W	EIGHT								
22	Textbooks, References and/or Other Materials:						PI Pł P. 97	Plant Hormones Physiology, Biochemistry and Molecular Biology, Editor: P.J. Davies, eBook ISBN: 978-94-011-0473-9									
14	Instrumental Methods of Plant Hormone Analysis																
13	Hormones and Reproductive Development																
12	and Fruit						,0										
11	Calcium and Plant Hormone Action						20										
10	Hormone Signal Transduction																
	Metabolism																
0 9	Brassinosteroids Biosynthesis and																
/ 2	Jasmonates Biosynthesis and Metabolism																
6	Abscis	c acid I	Biosyn	thesis	and IV	letabo	lism										
5	Ethylene Biosynthesis and Metabolism																
4	Cytokinin Biosynthesis and Metabolism																

Contrib	1 very low	2 low	3 Medium	4 High	5 Very High
ution					
Level:					