

POSTHARVEST TECHNOLOGY OF HORTICULTURE

1	Course Title:	POSTHARVEST TECHNOLOGY OF HORTICULTURE	
2	Course Code:	BAH3124-S	
3	Type of Course:	Optional	
4	Level of Course:	First Cycle	
5	Year of Study:	3	
6	Semester:	6	
7	ECTS Credits Allocated:	3.00	
8	Theoretical (hour/week):	2.00	
9	Practice (hour/week):	0.00	
10	Laboratory (hour/week):	0	
11	Prerequisites:		
12	Language:	Turkish	
13	Mode of Delivery:	Face to face	
14	Course Coordinator:	Prof. Dr. BÜLENT AKBUDAK	
15	Course Lecturers:	-	
16	Contact information of the Course Coordinator:	E-posta: bakbudak@uludag.edu.tr Telefon: 0 224 2941476 Adres: Uludağ Üniversitesi, Ziraat Fakültesi, Bahçe Bitkileri Bölümü, Görükle Kampüsü, 16059 Nilüfer, Bursa	
17	Website:		
18	Objective of the Course:	Horticultural production, marketing and storage, as well as the technologies used in the planning of scientific studies aimed at elucidating	
19	Contribution of the Course to Professional Development:		
20	Learning Outcomes:		
		1	According to the characteristics of the production of horticultural crops and fruit harvests learning.
		2	Obtain general information about the post-harvest technology
		3	Post-harvest and processing technologies to monitor products on the basis of learning and practice to apply the product.
		4	Learning the concept of post-harvest sanitation plant products used against corruption
		5	Horticultural crops post-harvest storage, transport and packaging, to obtain general information
		6	Horticultural crops post-harvest storage, transport and packaging technologies used in learning
		7	Learning about the post-harvest project planning
		8	Product on the basis of project preparation
		9	
		10	
21	Course Content:		
		Course Content:	
Week	Theoretical	Practice	
1	Horticultural crops harvested general information about the issues to be considered		

2	Some varieties of horticultural products according to product specifications and methods of harvesting			
3	What are the advantages and use of post-harvest technologies			
4	What storage is and how to maintain			
5	How to make the post-harvest monitoring and processing			
6	What sanitation is and the importance of sanitation			
7	MIDTERM EXAM			
8	Sanitation practices horticultural crops			
9	Transport technologies in horticultural crops. Conditions are considered during transport.			
10	What is packaging? Packaging technologies			
11	Introduction of post-harvest technologies are used in scientific studies			
12	Post-harvest problems and solutions			
13	What is the design and implementation of post-harvest project			
14	Project applications according to product specifications			
22	Textbooks, References and/or Other Materials:	Postharvest Technology of Horticultural Crops, Adel A. Kader, University of California, 1992.		
Activites		Number	Duration (hour)	Total Work Load (hour)
Theoretical		14	2.00	28.00
Practicals/Labs		0	0.00	0.00
Self study and preperation		14	2.00	28.00
Homeworks		0	0.00	0.00
Projects		1	6.00	6.00
Field Studies		0	0.00	0.00
Midterm exams		1	4.00	4.00
Others		8	2.00	16.00
Midterm Exam		1	8.00	8.00
Final Exams		1	8.00	8.00
Total Work Load				94.00
Homework project		1	10.00	3.00
Total work load/30 hr				3.00
ECTS Credit of the Course				3.00
Total		3	100.00	
Contribution of Term (Year) Learning Activities to Success Grade		40.00		
Contribution of Final Exam to Success Grade		60.00		
Total		100.00		
Measurement and Evaluation Techniques Used in the Course				
24	ECTS / WORK LOAD TABLE			

25	CONTRIBUTION OF LEARNING OUTCOMES TO PROGRAMME QUALIFICATIONS															
	PQ1	PQ2	PQ3	PQ4	PQ5	PQ6	PQ7	PQ8	PQ9	PQ10	PQ11	PQ12	PQ13	PQ14	PQ15	PQ16
ÖK1	0	0	0	4	5	0	0	0	3	0	0	0	0	0	0	0
ÖK2	0	0	0	0	0	0	0	3	5	0	0	0	0	0	0	0
ÖK3	0	5	4	0	3	0	0	0	0	0	0	0	0	0	0	0
ÖK4	4	0	5	0	0	2	0	0	0	0	0	0	0	0	0	0
ÖK5	0	5	4	0	3	2	0	1	0	0	0	0	0	0	0	0
ÖK6	0	0	0	5	3	0	0	1	0	0	0	0	0	0	0	0
ÖK7	0	0	4	3	5	0	0	0	0	0	0	0	0	0	0	0
ÖK8	0	0	3	2	5	1	0	0	0	0	0	0	0	0	0	0
LO: Learning Objectives PQ: Program Qualifications																
Contribution Level:	1 very low			2 low			3 Medium			4 High			5 Very High			