

SMALL FRUIT GROWING

1	Course Title:	SMALL FRUIT GROWING
2	Course Code:	BAH3111PDS
3	Type of Course:	Optional
4	Level of Course:	First Cycle
5	Year of Study:	3
6	Semester:	5
7	ECTS Credits Allocated:	3.00
8	Theoretical (hour/week):	1.00
9	Practice (hour/week):	2.00
10	Laboratory (hour/week):	0
11	Prerequisites:	None
12	Language:	Turkish
13	Mode of Delivery:	Face to face
14	Course Coordinator:	Prof. Dr. ERDOĞAN BARUT
15	Course Lecturers:	
16	Contact information of the Course Coordinator:	ebarut@uludag.edu.tr +90 224 2941473 Bursa Uludağ Üniversitesi, Ziraat Fakültesi, Bahçe Bitkileri Bölümü, 16059 Görükle, Nilüfer-BURSA
17	Website:	
18	Objective of the Course:	The purpose of this course is to give students information about the identification of small fruits, strawberries, raspberry, blackberry, fig, currants and gooseberries, blueberries etc., world and Turkey production of small fruit crops, botanical relationships and its taxonomies, morphology, physiology and biology of the plants; environmental interactions (Climatic and soil conditions), propagation and nursery practices; planting considerations and culture; marketing small fruits.
19	Contribution of the Course to Professional Development:	Learns the basic information about small fruits.
20	Learning Outcomes:	
	1	Students can recognize the strawberry, raspberry, blackberry, fig, currants, gooseberries, blueberries etc. and their cultivars
	2	Students can produce the strawberry, raspberry, blackberry, fig, currants gooseberries and blueberries etc.
	3	Students can produce seedlings strawberry and nursery of raspberry, blackberry, fig, currants, gooseberries, blueberries etc.
	4	Students may establish orchard of strawberry raspberry, blackberry, fig, currants, gooseberries, blueberries etc.
	5	Students can prune strawberry, raspberry, blackberry, fig, currants, gooseberries, blueberries ec.
	6	Students may determine harvest time of strawberry, raspberry, blackberry, fig, currants, gooseberries, blueberries etc.
	7	Students may prepare strawberry, raspberry, blackberry, fig, currants, gooseberries, blueberries etc. to the market
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21	Course Content:			
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Week	Theoretical	Practice		
1	History and importance of small fruits	Visually recognize the small fruits		
2	The cultural history, world and Turkey production, taxonomies, morphology and biology, cultivars, ecological requirements (climatic and soil conditions) of strawberry.	Field examination of strawberry plant and fruit in farm		
3	Production methods, planting considerations and culture, harvest, marketing of strawberry.	Frigo strawberry seedling production and establish a strawberry farm		
4	Importance, world and Turkey production, taxonomies, morphology and biology, cultivars of raspberry.	Field examination of raspberry plant and fruit in farm		
5	Ecological requirements (Climatic and soil conditions), production methods, planting considerations, pruning and training methods and culture, harvest, marketing of raspberry.	Tecnical tour to Raspberry gardens for training and pruning		
6	Importance, world and Turkey production, taxonomies, morphology and biology, cultivars of blackberry.	Field examination of blackberry plant and fruit in farm		
7	Ecological requirements (Climatic and soil conditions), production methods, planting considerations, pruning and training methods	Phenological and pomological observations on strawberries grown under greenhouse conditions and exposed		
Activites		Number	Duration (hour)	Total Work Load (hour)
Theoretical	Importance, world and Turkey production, taxonomies, morphology and biology, and soil conditions), production methods, planting considerations, pruning and training methods and culture, harvest, marketing of blueberries.	vegetatif propagation in small fruits	1.00	14.00
Practicals/Labs		14	2.00	28.00
Self study and preparation		14	1.00	14.00
Homeworks		1	10.00	10.00
Projects		1	13.00	13.00
Field Studies		0	0.00	0.00
Midterm exams		1	6.00	6.00
Others		0	0.00	0.00
Final Exam		1	6.00	6.00
Total Work Load				91.00
Total work load/ 30 hr				3.03
ECTS Credit of the Course				3.00
	and soil conditions), production methods, planting considerations, pruning and training methods and culture, harvest, marketing of gooseberries.			
12	Importance, world and Turkey production, taxonomies, morphology and biology, cultivars, ecological requirements (Climatic and soil conditions), production methods, planting considerations, pruning and training methods and culture, harvest, marketing of currants.	Tecnical tour to gooseberries gardens		
13	Other small fruits (Rose hip, mulberries, oleaster ec.).	Tecnical tour to Olimpos Mountain for blueberries grown in nature		
14	Other small fruits (Rose hip, mulberries, oleaster ec.).	Visually recognize the Rose hip, mulberries, oleaster ec.		

22	Textbooks, References and/or Other Materials:	-Ağaoğlu, Y.S. 1986. Üzümsü Meyveler. Ankara Üniv. Zir. Fak. Yay. 984, Ders kitabı, 377 s. -Türkben, C. 2003Kuşburnu. Uludağ Üniversitesi Basımevi, ISBN 975-6958-70-7, 54 s.	
23	Assesment		
TERM LEARNING ACTIVITIES		NUMBE R	WEIGHT
Midterm Exam		1	40.00
Quiz		0	0.00
Home work-project		0	0.00
Final Exam		1	60.00
Total		2	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		Midterm Exam and Final Exam	
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	5	1	1	1	3	1	1	1	1	4	0	0	0	0	0	0
ÖK2	5	4	2	2	1	2	2	1	3	3	0	0	0	0	0	0
ÖK3	1	3	3	3	2	3	3	4	2	5	0	0	0	0	0	0
ÖK4	4	2	2	2	4	5	3	3	4	2	0	0	0	0	0	0
ÖK5	2	5	4	4	3	2	1	1	1	1	0	0	0	0	0	0
ÖK6	5	1	1	1	2	1	5	4	3	3	0	0	0	0	0	0
ÖK7	5	3	5	2	3	3	3	3	5	2	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							