

# GREENHOUSE PRODUCTION

1	Course Title:	GREENHOUSE PRODUCTION
2	Course Code:	GBUP203
3	Type of Course:	Compulsory
4	Level of Course:	Short Cycle
5	Year of Study:	2
6	Semester:	3
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:	-
12	Language:	Turkish
13	Mode of Delivery:	Face to face
14	Course Coordinator:	Prof. Dr. SERAP KIRMIZI
15	Course Lecturers:	Prof. Dr. Serap KIRMIZI
16	Contact information of the Course Coordinator:	Prof. Dr. Serap KIRMIZI GAKMYO Bahçe Tarımı Prog. skirmizi@uludag.edu.tr
17	Website:	
18	Objective of the Course:	The basic process and techniques for the production of seedlings and saplings are given.
19	Contribution of the Course to Professional Development:	To gain experience and knowledge
20	Learning Outcomes:	
	1	Learns the principles of seedling production.
	2	With the replication and implementation of the principles of vegetable seedlings, learn .
	3	Learn and share methods of seedling production manufacturers.
	4	Learns methods of vaccination.
	5	Cutting learns the principles of replication.
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21	Course Content:	
	<b>Course Content:</b>	
Week	Theoretical	Practice
1	input Greenhouse farming promotion, distribution, and importance of inputs	Visiting greenhouses where the production of vegetable seedlings
2	Training environments	Use of materials on seed sowing

3	Soil and soil physical, chemical and biological properties of husbandry aspects of compliance with greenhouse	Sowing a seed for seedling production
4	Other substrates (hydroponic culture), their classification, properties and suitability of open field husbandry	Seedling monitoring outputs
5	Funding, prepare, mix and fertilize	Seedling monitoring outputs
6	Climatic factors that are effective in the planning of greenhouses, soil and topography factors and socio-economic factors	2-3 true-leaf seedlings in the greenhouse from start planting locations
7	Planning of greenhouses, greenhouse site selection, sizing of greenhouses	Irrigation and fertilization of planted seedlings in the greenhouse
8	Repeating courses and midterm exam	Drugs to fight diseases
9	Greenhouse business enterprises in the center of planning, the principles regarding the arrangement of the interior of the greenhouse	Vegetable seedlings pruning
10	Regulation of environmental conditions in greenhouses	Instead of planting seedlings in dry damaged ones
11	Planning of ventilation systems in greenhouses	Weed control
12	Planning of cooling systems in greenhouses, greenhouse heating systems, planning	Private nurseries which produce vegetable seedlings trip
13	Building materials and construction elements used in greenhouses	Private nurseries producing ornamental plant nursery tour
14	Practices in our country and in developed countries, evaluation of teaching program	PRACTICE EXAM
22	Textbooks, References and/or Other Materials:	Castilla, N.2013. Greenhouse technology and management. Cabi Publishing.
23	Assesment	
TERM LEARNING ACTIVITIES		NUMBE R
Midterm Exam		1
Quiz		0
Home work-project		0
Final Exam		1
Total		2
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		Examination
24	ECTS / WORK LOAD TABLE	

Activites	Number	Duration (hour)	Total Work Load (hour)
Theoretical	14	1.00	14.00
Practicals/Labs	14	2.00	28.00
Self study and preperation	14	1.00	14.00
Homeworks	0	0.00	0.00
Projects	0	0.00	0.00
Field Studies	10	3.00	30.00
Midterm exams	1	2.00	2.00
Others	0	0.00	0.00
Final Exams	1	2.00	2.00
Total Work Load			90.00
Total work load/ 30 hr			3.00
ECTS Credit of the Course			3.00

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	2	1	1	3	2	2	3	3	0	0	0	0	0	0	0	0
ÖK2	2	1	2	4	3	2	3	5	0	0	0	0	0	0	0	0
ÖK3	3	2	2	4	2	1	2	2	0	0	0	0	0	0	0	0
ÖK4	2	1	0	2	1	3	1	3	0	0	0	0	0	0	0	0
ÖK5	2	1	2	2	1	1	2	1	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							