

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. |
| | | 6 | |
| | | 7 | |
| | | 8 | |
| | | 9 | |
| | | 10 | |
| 21 | Course Content: | | |
| | | Course Content: | |
| 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 | PRACTICE EXAM | | |
| Activites | | Number | Duration (hour) | Total Work Load (hour) |
| 23 | Theoretical Assesment | 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 |
| Quiz | | 0 | 0.00 | 0.00 |
| Projects | | 0 | 0.00 | 0.00 |
| Field Studies | | 10 | 3.00 | 30.00 |
| Final Exam | | 1 | 2.00 | 2.00 |
| Midterm exams | | 1 | 2.00 | 2.00 |
| Others | | 0 | 0.00 | 0.00 |
| Contribution of Term (Year) Learning Activities to Final Exams | | 40.00 | 2.00 | 2.00 |
| Total Work Load | | | | 90.00 |
| Contribution of Final Exam to Success Grade | | 60.00 | | 3.00 |
| Total work load/ 30 hr | | | | 3.00 |
| ECTS Credit of the Course | | | | 3.00 |
| Measurement and Evaluation Techniques Used in the Course | | Examination | | |
| 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 | 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 | | | |