

SEED GARDENING

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| 1 | Course Title: | SEED GARDENING | |
| 2 | Course Code: | BTKS137 | |
| 3 | Type of Course: | Optional | |
| 4 | Level of Course: | Short Cycle | |
| 5 | Year of Study: | 2 | |
| 6 | Semester: | 3 | |
| 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: | None | |
| 12 | Language: | Turkish | |
| 13 | Mode of Delivery: | Face to face | |
| 14 | Course Coordinator: | Öğr. Gör. Dr. HÜSEYİN CAN ALPSOY | |
| 15 | Course Lecturers: | Meslek Yüksekokulları Yönetim Kurullarının görevlendirdiği öğretim elemanları | |
| 16 | Contact information of the Course Coordinator: | Öğ. Gör. (Lect.) Dr. Hüseyin Can Alpsoy | |
| 17 | Website: | | |
| 18 | Objective of the Course: | To teach necessary informations about seed production, seed growing, packing, marketing and to get right solutions for problems in this process. | |
| 19 | Contribution of the Course to Professional Development: | Considering that some diseases can be transmitted from seeds, the students will learn the methods of obtaining healthy seeds and how to perform seed health tests, which will lead to more success in their profession. | |
| 20 | Learning Outcomes: | | |
| | | 1 | To learn about seed formation |
| | | 2 | To get information about seed morphology and physiology. |
| | | 3 | To get information about seed cultivation technology |
| | | 4 | To get information about seed storage and marketing. |
| | | 5 | To have knowledge about seed production and processing technology |
| | | 6 | |
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| 21 | Course Content: | | |
| | | Course Content: | |
| Week | Theoretical | Practice | |
| 1 | Seed (usage places, size and forms), seed places and seed production. | | |
| 2 | Seed development | | |
| 3 | Chemical structure of seed and material accumulation in seeds | | |

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| 4 | Seed dormancy, dormancy types and factors which affect dormancy. | |
| 5 | Maturing after harvest, physiological dwarfism and coherence in seed. | |
| 6 | Germination of seed, germination types and factors which affects germination. | |
| 7 | Germination controls and importance for agricultural production. | |
| 8 | Lifetime and disruption of seed , causes and symptoms of disruptions. | |
| 9 | Important points to be considered in seed production | |
| 10 | Important points to be considered in seed production (cont.) | |
| 11 | Seed selection, drying, cleaning, disinfection and marketing. | |
| 12 | Storage methods and factors that affects seed vigor and life. | |
| 13 | Storage methods and factors that affects seed vigor and life. | |
| 14 | General repeat of the course. | |
| 22 | Textbooks, References and/or Other Materials: | Course notes. Web sources. |
| 23 | Assesment | |
| TERM LEARNING ACTIVITIES | | NUMBE R |
| 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 | | Measurement and evaluation is carried out according to the principles of Bursa Uludağ University associate and undergraduate education regulation. |
| 24 | ECTS / WORK LOAD TABLE | |

| 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 | 0 | 0.00 | 0.00 |
| Field Studies | 0 | 0.00 | 0.00 |
| Midterm exams | 1 | 14.00 | 14.00 |
| Others | 0 | 0.00 | 0.00 |
| Final Exams | 1 | 20.00 | 20.00 |
| 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 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 3 | 0 | 0 | 0 | 0 | 0 | 0 |
| ÖK2 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 3 | 0 | 0 | 0 | 0 | 0 | 0 |
| ÖK3 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 3 | 0 | 0 | 0 | 0 | 0 | 0 |
| ÖK4 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 3 | 0 | 0 | 0 | 0 | 0 | 0 |
| ÖK5 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 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 | | | |