

TAXONOMY OF FLOWERING PLANTS LAB

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| 1 | Course Title: | TAXONOMY OF FLOWERING PLANTS LAB |
| 2 | Course Code: | BYL3060 |
| 3 | Type of Course: | Compulsory |
| 4 | Level of Course: | First Cycle |
| 5 | Year of Study: | 3 |
| 6 | Semester: | 6 |
| 7 | ECTS Credits Allocated: | 2.00 |
| 8 | Theoretical (hour/week): | 0.00 |
| 9 | Practice (hour/week): | 0.00 |
| 10 | Laboratory (hour/week): | 2 |
| 11 | Prerequisites: | None |
| 12 | Language: | Turkish |
| 13 | Mode of Delivery: | Face to face |
| 14 | Course Coordinator: | Prof. Dr. HULUSI MALYER |
| 15 | Course Lecturers: | Prof. Dr. Hulusi MALYER Doç. Dr. Ruziye DAŞKIN |
| 16 | Contact information of the Course Coordinator: | Uludağ Üniversitesi Fen-Edebiyat Fakültesi Biyoloji Bölümü Görükle Kampüsü, Nilüfer/BURSA 16059 e-posta: malyer@uludag.edu.tr Telefon: 0 224 294 17 85 Uludag University Faculty of Arts and Science Department of Biology Gorukle Campus, Nilufer/BURSA 16059 e-mail: malyer@uludag.edu.tr Phone: 0 224 294 17 85 |
| 17 | Website: | |
| 18 | Objective of the Course: | The plants, which make up a significant part of the environment in which we live, are the living organisms we often come across. Therefore as an application of the course, The Flowering Plants Laboratory is a crucial frame to recognize the plants and classify them and give their distinctive tries by making important descriptions and drawing these features of them. |
| 19 | Contribution of the Course to Professional Development: | |
| 20 | Learning Outcomes: | |
| | 1 | Explains collecting plants from the nature |
| | 2 | Explains the techniques of preparing plant collections |
| | 3 | Explains the Gymnosperms of Turkey and to have a knowledge about their distribution |
| | 4 | Explains the identification and recognizing techniques of flowering plants |
| | 5 | Explains regional plants with practices |
| | 6 | Explains families and plants belonging to Flora of Turkey |
| | 7 | Explains environmental awareness about the location and importance of plants in nature |
| | 8 | Applies drawing techniques on plants |
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| 21 | Course Content: | | | |
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| Week | Theoretical | | Practice | |
| 1 | | | Herbarium techniques | |
| 2 | | | General features of Gymnospermae – Angiospermae – Dicotyledonae – Monocotyledonae plants | |
| 3 | | | Flower and floral diagrams | |
| 4 | | | Plant identification | |
| 5 | | | Gymnospermae | |
| 6 | | | Monocotyledonae | |
| 7 | | | Repeating courses and midterm exam | |
| 8 | | | Dicotyledonae – Ranunculaceae family | |
| 9 | | | Dicotyledonae – Geraniaceae ve Malvaceae families | |
| 10 | | | Dicotyledonae – Brassicaceae family | |
| 11 | | | Dicotyledonae – Caryophyllaceae family | |
| 12 | | | Dicotyledonae – Leguminosae family | |
| 13 | | | Dicotyledonae – Labiatae family | |
| 14 | | | Dicotyledonae – Compositae family | |
| 22 | Textbooks, References and/or Other Materials: | | Course practice notes | |
| Activites | | Number | Duration (hour) | Total Work Load (hour) |
| Midterm Exam Theoretical | | 1 | 25.00 | 0.00 |
| Practicals/Labs | | 14 | 2.00 | 28.00 |
| Home work-project Self study and preperation | | 1 | 6.00 | 6.00 |
| Homeworks | | 1 | 14.00 | 14.00 |
| Total Projects | | 5 | 100.00 | 0.00 |
| Field Studies | | 0 | 0.00 | 0.00 |
| Midterm exams | | 1 | 6.00 | 6.00 |
| Contribution of Final Exam to Success Grade | | 50.00 | | |
| Others | | 0 | 0.00 | 0.00 |
| Total Final Exams | | 1 | 6.00 | 6.00 |
| Total Work Load | | | | 60.00 |
| Total work load/ 30 hr | | | | 2.00 |
| 24 ECTS / WORK LOAD TABLE | | | | |
| ECTS Credit of the Course | | | | 2.00 |

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| 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 | 3 | 0 | 0 | 1 | 0 | 2 | 1 | 3 | 1 | 3 | 1 | 2 | 0 | 0 | 0 | 0 |
| ÖK2 | 2 | 0 | 0 | 1 | 0 | 2 | 1 | 2 | 1 | 3 | 2 | 2 | 0 | 0 | 0 | 0 |
| ÖK3 | 3 | 0 | 0 | 1 | 0 | 2 | 1 | 3 | 1 | 1 | 1 | 2 | 0 | 0 | 0 | 0 |
| ÖK4 | 3 | 0 | 0 | 1 | 0 | 2 | 1 | 1 | 1 | 1 | 1 | 2 | 0 | 0 | 0 | 0 |

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| ÖK5 | 3 | 0 | 0 | 1 | 0 | 2 | 1 | 3 | 1 | 3 | 1 | 2 | 0 | 0 | 0 | 0 |
| ÖK6 | 3 | 0 | 0 | 1 | 0 | 2 | 1 | 3 | 1 | 2 | 1 | 2 | 0 | 0 | 0 | 0 |
| ÖK7 | 1 | 0 | 0 | 2 | 0 | 3 | 1 | 3 | 1 | 3 | 3 | 3 | 0 | 0 | 0 | 0 |
| ÖK8 | 1 | 0 | 0 | 3 | 0 | 0 | 1 | 0 | 1 | 3 | 3 | 3 | 0 | 0 | 0 | 0 |
| LO: Learning Objectives PQ: Program Qualifications | | | | | | | | | | | | | | | | |
| Contribution Level: | 1 very low | | | 2 low | | | 3 Medium | | | 4 High | | | 5 Very High | | | |