

TAXONOMY OF CRYPTOGRAMAE LAB

1	Course Title:	TAXONOMY OF CRYPTOGRAMAE LAB
2	Course Code:	BYL3057
3	Type of Course:	Compulsory
4	Level of Course:	First Cycle
5	Year of Study:	3
6	Semester:	5
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. GÖNÜL KAYNAK
15	Course Lecturers:	Doç. Dr. Özer Yılmaz
16	Contact information of the Course Coordinator:	e-posta: gkaynak@uludag.edu.tr 0.224.2941852 Fen-Edebiyat Fakültesi, Biyoloji Bölümü, Görükle Kampüsü, 16059 Bursa
17	Website:	
18	Objective of the Course:	The aim is to give the students increased knowledge which held to examinations of samples which of non-flowering plants.
19	Contribution of the Course to Professional Development:	
20	Learning Outcomes:	
	1	To examine microscopic samples of non-flowering plants
	2	To examine macroscopic samples of non-flowering plants
	3	To define life history of non-flowering plants
	4	To define morphological structure of haploid gametophyte and diploid sporophyte
	5	To define samples of non-flowering plants which to be found in nature
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21	Course Content:	
	Course Content:	
Week	Theoretical	Practice
1		Specimens of Cyanophyta
2		Specimens of Euglenophyta
3		Specimens of Pyrrophyta
4		Specimens of Bacillariophyta (Diatome)

5		Specimens of Bacillariophyta (Diatome)
6		Specimens of Rhodophyta -Midterm exam
7		Specimens of Chlorophyta
8		Specimens of Chlorophyta
9		Specimens of Lichenes
10		Specimens of Myxomycetes
11		Specimens of Ascomycetes
12		Specimens of Basidiomycetes
13		Specimens of Hepaticae ve Musci
14		Specimens of Pteridophyta

22	Textbooks, References and/or Other Materials:	Cirik, Ş., S. Cirik, Su Bitkileri, Ege Üniv. Basımevi, Bornova, İzmir, 1999, (ISBN: 975-483-417-2). B.Tütel , A. Çırpıcı, Sporlu Bitkiler Sistematigi Laboratuvar Kılavuzu, Fen Fakültesi Basımevi, İstanbul, 1986. Güner, H., V. Aysel, Tohumuz Bitkiler Sistematigi, 1. Cilt (Algler), Ege Üniv. Basımevi, İzmir, 1999 Palmer, CM, Algae and Water Pollution, Castle House Publications Ltd., 1977
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23	Assesment
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TERM LEARNING ACTIVITIES	NUMBER	WEIGHT		
Midterm Exam	1	30.00		
Activites		Number	Duration (hour)	Total Work Load (hour)
Final Exam	1	50.00		
Theoretical	1	50.00	0.00	0.00
Practicals/Labs	14	2.00	28.00	
Contribution of Term (Year) Learning Activities to Self study and preparation	50.00	5.00	10.00	
Homeworks	1	14.00	14.00	
Projects	0	0.00	0.00	0.00
Total	100.00			
Field Studies	0	0.00	0.00	0.00
Measurement and Evaluation Techniques Used in the Midterm Exams	1	4.00	4.00	
Others	0	0.00	0.00	0.00
Final Exams	1	4.00	4.00	
Total Work Load				60.00
Total work load/ 30 hr				2.00
ECTS Credit of the Course				2.00

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	5	0	0	0	0	0	5	5	0	4	0	3	0	0	0	0
ÖK2	5	0	0	0	0	0	5	5	0	4	0	3	0	0	0	0
ÖK3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ÖK4	5	0	0	0	0	0	5	0	0	4	0	0	0	0	0	0

ÖK5	5	0	0	0	0	4	5	5	0	4	0	3	0	0	0	0
LO: Learning Objectives PQ: Program Qualifications																
Contrib ution Level:	1 very low		2 low		3 Medium		4 High		5 Very High							