	ECONOMIC ALG	AE AN	ND THEIR UTILIZATIONNS							
1	Course Title:	ECONO	MIC ALGAE AND THEIR UTILIZATIONNS							
2	Course Code:	BIO5302	2							
3	Type of Course:	Optional								
4	Level of Course:	Second	Cycle							
5	Year of Study:	1								
6	Semester:	2								
7	ECTS Credits Allocated:	6.00								
8	Theoretical (hour/week):	3.00								
9	Practice (hour/week):	0.00								
10	Laboratory (hour/week):	0								
11	Prerequisites:	None								
12	Language:	Turkish								
13	Mode of Delivery:	Face to 1	face							
14	Course Coordinator:	Prof. Dr.	ŞÜKRAN DERE							
15	Course Lecturers:									
16	Contact information of the Course Coordinator:	sdere@uludag.edu.tr 0 224 294 17 86 Uludağ Üniversitesi, Fen-Edebiyat Fakültesi, Biyoloji Bölümü Nilüfo BURSA								
17	Website:									
18	Objective of the Course:	The aim of the course is to provide the use of algae for commercial purposes in what areas. The goal is to provide students with producing new ideas for contribute cooperation between science and industry.								
19	Contribution of the Course to Professional Development:									
20	Learning Outcomes:									
		1	Be able to discuss the economic importance of all the taxanomic groups of algae							
		2	Be able to describe the structures of the representative algal groups.							
		3	Be able to describe structure and chemical composition of seaweeds polysaccharides and their economic importance							
		4	Be able to discuss the economic importance of Algae in different industries							
		5	Be able to understand the contribution of algal products of Biotechnology							
		6	To be able to evaluate literature about economic importance of algae							
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21	Course	Conter	nt:													
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4	Product alginic a	es and	l utiliza	tion of	f											
5	Product carrage		opertie	es and	l utiliza	tion of	f									
6	Utilization medicin	ons of a e and p	algal p pharm	olysa acolo	ccharic gy	des in										
7	Midterm	exam														
8	Utilization industry		algal p	olysa	ccharic	des in	food									
9	Utilization and cos	ons of a metic i	algal p ndustr	olysa y	ccharic	des in	paint									
10	Utilization industry		algal p	olysa	ccharic	des in	other									
11	Utilizatio	on of se	eawee	ds in	the wo	rld										
12	Utilizatio	on of se	eawee	ds in	the Tu	rkey										
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25		CONTRIBUTION OF LEARNING OUTCOMES TO PROGRAMME QUALIFICATIONS														
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ÖK2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Contrib 1 very low ution Level:			2	2 low		3 Medium				4 Higl	h	5 Very High				
	LO: Learning Objectives PQ: Program Qualifications															
ÖK6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ÖK5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ÖK4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
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