	MARINE POLLUT		AND BILOGICAL EFFELTS						
1	Course Title:	MARINE	POLLUTION AND BILOGICAL EFFELTS						
2	Course Code:	BYL4132	2						
3	Type of Course:	Optional							
4	Level of Course:	First Cyc	le						
5	Year of Study:	4							
6	Semester:	8							
7	ECTS Credits Allocated:	4.00							
8	Theoretical (hour/week):	2.00							
9	Practice (hour/week):	0.00							
10	Laboratory (hour/week):	0							
11	Prerequisites:								
12	Language:	Turkish							
13	Mode of Delivery:	Face to f	ace						
14	Course Coordinator:	Doç. Dr.	GAMZE YILDIZ						
15	Course Lecturers:								
16	Contact information of the Course Coordinator:	Doç. Dr.	Gamze YILDIZ						
17	Website:								
18	Objective of the Course:	The aim effects o	of this course is to teach marine pollutants and biological f these pollutants on marine ecosystem.						
19	Contribution of the Course to Professional Development:								
20	Learning Outcomes:								
		1	Learning the factors cause the marine pollution						
		2	Explaining the effects of the marine pollution on marine environment and organisms						
		3	Learning the prevent strategies of marine pollution						
		4	Learning the international conventions about marine pollution and protection						
		5	Taking the responsibility for the protection of marine environments						
		6							
		7							
		8							
		9							
		10							
21	Course Content:	-							
10/		Co	burse Content:						
VVeek	I neoretical		Practice						
1	marine pollution								
2	Physical and chemical properties of water, marine ecosystem, currents a biological sources	marine Ind							
3	Pollutants and effects: metal pollutio thermal pollution, radioactive pollutic organic pollution	n, on,							

4	Pollutan contamii	ts and nation	effect	s: Mic	robial														
5	Nutrients	s cycli	ng and	leutro	phicat	ion													
6	Evoluation trophic in	on of t ndex c	rophic on mar	statu: ine er	s and c ivironm	differe nets	nt												
7	Midterm	exam																	
8	Coastal	polluti	on by a	aquac	ulture	activit	ies												
9	Marine p ve exotic	ollutic spec	on from ies	n shipj	oing ac	tivitie	s and												
10	Anthropo acidifica garbage	ogenic tion, ir	: CO2 ndustria	emiss al was	ion and stes an	d ocea d mar	an ine												
11	Biologica	al effe	cts of r	marine	e pollut	ion													
12	Studies	of prev	vent th	e mar	ine po	llution													
13	National policies, regulations and international conventions about marine pollution and protection																		
14	Investiga Turkish s	ations seas	of poll	utans	and po	ollutior	n of												
22	Textbooks, References and/or Other Materials:								1- Clark R.B. 2001. Marine Pollution. Fifth Ed. Oxford University Press, Oxford 2- Güven K.C., Öztürk, B. 2005. Deniz Kirliliği Analiz Yöntemleri, İlgili Uluslar arası Sözleşmeler. TÜDAV Yayınları.										
Activites								1	Numb	ber		Dura	tion (hour)	Total Work Load (hour)				
Tizere fasesment									4			2.00	2.00 28.00						
Practica	als/Labs							C)			0.00		(0.00				
And teth	Refighter and preperation 1								6 0			3.00			42.00				
Homew	orks							1				15.00			15.00				
Achiec A	∳ork-proj	ect				1		5.0	0			0.00			0.00				
Field St	tudies							C)			0.00	0.00			0.00			
Middern	dierm exams 3											15.00			15.00				
Others								C)			0.00		(0.00				
BINGLES	samade					1				20.00			20.00						
Total W	otal Work Load														120.00				
Tetal w	Fetal work load/ 30 hr									100.00 4.00									
ECTS C	Credit of	ourse											4	4.00					
Course																			
24	ECIS	wo	RKL	OAD	IAB	LE													
25			CON	TRIE	BUTIO	N OI	E LEA	ARN QUA	ING LIFIC	OUTC ATIO	OME: NS	S TO I	PROG	GRAM	ME				
	PQ1	PQ2	PQ3	PQ4	PQ5	PQ6	PQ7	PQ8	PQ9	PQ1	PQ11	PQ12	PQ1	PQ14	PQ15	PQ16			
ÖK1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
ÖK2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
ÖK3	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
ÖK5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
LO: Learning Objectives PQ: Program Qualifications																
Contrib 1 very low ution Level:			2 low		3 Medium			4 High			5 Very High					