	BIOCHE	MIST	RY APPLICATION					
1	Course Title:	BIOCHE	MISTRY APPLICATION					
2	Course Code:	BYL051	6					
3	Type of Course:	Optional						
4	Level of Course:	First Cyc	cle					
5	Year of Study:	4						
6	Semester:	8						
7	ECTS Credits Allocated:	5.00						
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	face					
14	Course Coordinator:	Doç. Dr. EGEMEN DERE						
15	Course Lecturers:	Doç.Dr. Ferda ARI						
16	Contact information of the Course Coordinator:	Bursa Uludağ Üniversitesi Fen-Ed. Fak. Biyoloji Bl. 0 224 29 41792 / e-posta: edere@uludag.edu.tr						
17	Website:							
18	Objective of the Course:	Aim of the course is to inform the students about real life experiences such as accidents and diseases, and about first aid and taking measure against these events. Goal of the course; the importance of water in biochemistry, understanding of blood glucose, cholesterol, bilirubin, fat and protein. Regulation of body temperature, frostbite and burns, poisoning, drowning calls, bleeding and injuries. Animal and insect bites and to describe biochemical changes.						
19	Contribution of the Course to Professional Development:							
20	Learning Outcomes:							
		1	To understand the importance of biochemistry for living beings.					
		2	To understand the importance of the molecular structure of water and its significancy for living beings					
		3	May identify macro molecules.					
		4	May evaluate the obtained datum.					
		5	To comprehend the forming of the body temperature and its preservation.					
		6	To comprehend the blood groups.					
		7	To comprehend what to do against varied haemorrhage situations					
		8	To apprehend the effect of oxygen Carbon dioxide, and carbon monoxide.					
		9						
		10						
21	Course Content:							
		Co	ourse Content:					
Week	Theoretical		Practice					

1	Importance of biochemistry and macro molecules															
2	The importance of water in living.															
3	What is	pulse	oressu	ıre? H	ow to r	meası	ure?									
4	Carbohy	Carbohydrates and diabetes														
5	Lipids a	nd cho	lestero	ol												
6	Amino-a	icids, p	orotein	s, enz	ymes.											
7	The mol What is tempera	nperat														
8	Exam ai general	exam	ninatior	n ques	tions,											
9	How is f	reezin	g and	burns	?											
10	Occurrence of poison ingestion and food poisoning (Endotoxins Exotoxins, botilusmus, mushroom poisoning, honey poisoning, ethyl alcohol and methyl alcohol poisoning).															
11	Respirat monoxic water.															
12	Poisonir	ng by p	esticio	des ar	nd drug	IS.										
13	Animal b	oites a	nd inse	ect sti	ngs											
14	Blood ce															
Activit	groups and bleeding, injuring, The importance ctivites								Numb	er		Duration (hour)			Total Work Load (hour)	
Theoretical Theoretical									14				3.00 42.00			
Practicals/Labs									)			0.00			0.00	
	If study and preperation															
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Contrib ution Level:	tion				2 low			3 Medium			4 High			5 Very High			
Contrib 1 yory low 2 low						3	2 Modium			4 High			5 Vory High				
LO: Learning Objectives PQ: Program Qualifications																	
ÖK8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
ÖK7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
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	2	2	0	4	0	0	2	2	0	0	1	0	0	0	0	