	E	BIOCH	IEMISTRY						
1	Course Title:	BIOCHE	MISTRY						
2	Course Code:	KIM2201							
3	Type of Course:	Compuls	sory						
4	Level of Course:	First Cyc	sle						
5	Year of Study:	2							
6	Semester:	3							
7	ECTS Credits Allocated:	2.00							
8	Theoretical (hour/week):	2.00							
9	Practice (hour/week):	0.00							
10	Laboratory (hour/week):	0							
11	Prerequisites:	None							
12	Language:	Turkish							
13	Mode of Delivery:	Face to							
14	Course Coordinator:		BİLGEN OSMAN						
15	Course Lecturers:	-	ör. Dr. Aslı GÖÇENOĞLU SARIKAYA						
16	Contact information of the Course Coordinator:	Kimya B	en-Edebiyat Fakültesi, ölümü, Biyokimya Anabilim dalı ⊉uludag.edu.tr						
17	Website:								
18	Objective of the Course:		basic biochemical concepts, molecules that make up life rinteractions.						
19	Contribution of the Course to Professional Development:To have knowledge about the basic topics of biochemistry.								
20	Learning Outcomes:		-						
		1	Learns the definition of biochemistry.						
		2	Understands the cell structure and functioning.						
		3	Learns the differences between animal and plant cells.						
		4	Understands the importance of water necessary for life.						
		5	Recognize the biomolecules in living things.						
		6	Understands the function and role of biomolecules.						
		7	Learns the chemical structure of biomolecules.						
		8							
		9							
-	Course Content	10							
21	Course Content:								
Mode	Theoretical	CC	Practice						
vvеек 1	Biomolecules and Cell Structure								
2	Biomolecules and Cell Structure								
3	Dreparties of Weter and Asussue Co	olutions							
	Properties of Water and Aqueous So	Julions							

5	Prot	eins																			
6	Enzymes																				
7	Enz	ymes	3						Т												
8	Carbohydrates																				
9	Carl	bohy	drates	;																	
10	Lipio	ds an	d Mer	nbran	e Stru	icture															
11	Lipids and Membrane Structure																				
12	Structures of Nucleotides and Nucleic Acids																				
13	Structures of Nucleotides and Nucleic Acids																				
14	Vitamins																				
22	Textbooks, References and/or Other Materials:								Ö.	Biyokimya, Prof. Dr. E. Edip KEHA, Prof. Dr. Ö. İrfan KÜFREVİOĞLU, Principles of Biochemistry. Lehninger.											
23		esme																			
TERMI	LEAR	_EARNING ACTIVITIES NUMBE								WEIGHT											
Midterr									40	40.00											
Quiz	Quiz 0								0.0	0.00											
Activites								Numb	er		Dura	ation (	(hour)	Total Work Load (hour)							
Chetnik	Cheotribution of Term (Year) Learning Activities to							40	1040			2.00			28.00						
	Practicals/Labs									0			0.00			0.00					
Self stu	udy a	nd pi	inai e repera	xam to ition	o Suco	cess G	rade		- 6U	140			2.00			28.00					
Homev	works	;							. (	0			0.00			0.00					
Megsu	ije me	nt an	nd Eva	luatio	n Tec	hnique	s Use	ed in th	eEx	(am			0.00			0.00					
	Field Studies								(	0 0.00					0.00						
Midterr	term exams									1			5.00			5.00					
Others	3								(	0			0.00			0.00					
Final E	Exam	xams								1			5.00			5.00					
	Work Load												71.00								
	Total work load/ 30 hr													2.20							
ECTS	ECTS Credit of the Course															2.00					
25	5 CONTRIBUTION OF LEARNING OUTCOMES TO PROGRAMME QUALIFICATIONS																				
		PQ1	PQ2	PQ3	PQ4	PQ5	PQ6	PQ7	PQ8	PQ9	PQ1 0	PQ11	PQ12	PQ1 3	PQ14	PQ15	PQ16				
ÖK1		4	3	3	1	1	4	2	4	3	5	4	3	0	0	0	0				
ÖK2		4	3	3	1	1	4	2	4	3	5	4	3	0	0	0	0				
ÖK3		4	3	3	1	1	4	2	4	3	5	4	2	0	0	0	0				
ÖK4		5	4	3	2	1	4	3	4	2	4	4	3	0	0	0	0				
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ÖK5	5	4	4	1	2	4	3	4	3	4	4	3	0	0	0	0
ÖK6	4	3	3	1	2	3	2	4	2	4	4	3	0	0	0	0
ÖK7	4	3	3	1	1	3	2	4	3	5	4	2	0	0	0	0
LO: Learning Objectives PQ: Program Qualifications																
Contrib ution Level:	ution				2 Iow		3	3 Medium		4 High		5 Very High				