

GENERAL BIOCHEMISTRY

1	Course Title:	GENERAL BIOCHEMISTRY	
2	Course Code:	TLTZ103	
3	Type of Course:	Compulsory	
4	Level of Course:	Short Cycle	
5	Year of Study:	1	
6	Semester:	1	
7	ECTS Credits Allocated:	3.00	
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 face	
14	Course Coordinator:	Öğr. Gör. ELİF ERTÜRK	
15	Course Lecturers:	-	
16	Contact information of the Course Coordinator:	Öğr.Gör.Elif ERTÜRK	
17	Website:		
18	Objective of the Course:	To teach the skills of general biochemistry	
19	Contribution of the Course to Professional Development:		
20	Learning Outcomes:		
		1	A knowledge of the main compounds of biochemical
		2	Biochemical analysis of the main compounds of the tests used to grasp the principles of
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21	Course Content:		
		Course Content:	
Week	Theoretical	Practice	
1	Carbohydrates and methods of analysis		
2	Carbohydrates and methods of analysis		
3	Lipids and methods of analysis		
4	Lipids and methods of analysis		
5	Proteins and analysis methods		
6	Proteins and analysis methods		
7	Enzymes and methods of analysis		

8	Enzymes and methods of analysis	
9	Nucleic Acids	
10	Vitamins	
11	Minerals	
12	Hormones	
13	Hormones	
14	Urine analysis	

22	Textbooks, References and/or Other Materials:	Basic and Clinical Professor of Biochemistry Textbook. Dr. Bahattin Adam Istanbul / Atlas Publishing
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23	Assesment	
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TERM LEARNING ACTIVITIES	NUMBER	WEIGHT
Midterm Exam	1	40.00
Quiz	0	0.00
Home work-project	0	0.00
Final Exam	1	60.00
Total	2	100.00
Contribution of Term (Year) Learning Activities to Success Grade		40.00
Contribution of Final Exam to Success Grade		60.00
Total		100.00

Activites	Number	Duration (hour)	Total Work Load (hour)
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24. ECTS / WORK LOAD TABLE			
Theoretical	14	2.00	28.00
Practicals/Labs	0	0.00	0.00
Self study and preperation	10	2.00	20.00
Homeworks	0	0.00	0.00
Projects	0	0.00	0.00
Field Studies	0	0.00	0.00
Midterm exams	1	15.00	15.00
Others	0	0.00	0.00
Final Exams	1	20.00	20.00
Total Work Load			98.00
Total work load/ 30 hr			2.77
ECTS Credit of the Course			3.00

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	3	4	0	0	0	2	0	0	0	0	0	1	0	0	0	0
ÖK2	3	4	0	0	0	2	0	0	0	0	0	1	0	0	0	0
LO: Learning Objectives PQ: Program Qualifications																
Contribution Level:	1 very low		2 low		3 Medium		4 High		5 Very High							