

THE LIPIDS AND LIPID METABOLISM

1	Course Title:	THE LIPIDS AND LIPID METABOLISM	
2	Course Code:	VBK6003	
3	Type of Course:	Compulsory	
4	Level of Course:	Third Cycle	
5	Year of Study:	1	
6	Semester:	1	
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 face	
14	Course Coordinator:	Prof. Dr. MELTEM TANRIVERDİ	
15	Course Lecturers:	-	
16	Contact information of the Course Coordinator:	melcetin@uludag.edu.tr 0532 4875175 U.Ü.Veteriner Fakültesi Biyokimya ABD	
17	Website:		
18	Objective of the Course:	Comprehension of structure and function of lipids which are integral part of membranes are precursors for many molecules that are essential to metabolic pathways and play vital roles in various processes.	
19	Contribution of the Course to Professional Development:	Ability to discuss abnormalities associated with lipids which are essential components of organisms,ability to disseminate knowledge gained about lipids	
20	Learning Outcomes:		
		1	Ability to give general information about lipids
		2	Ability to define chemical properties of lipids
		3	Comprehension of differences and associations between different lipid groups
		4	Comprehension of metabolism of fatty acids and various lipid groups.
		5	Ability to assess lipid metabolism on the basis of energetics
		6	Ability to discuss abnormalities associated with lipids which are essential components of organisms.
		7	Having literature knowledge about lipids
		8	Ability to disseminate knowledge gained about lipids
		9	
		10	
21	Course Content:		
		Course Content:	
Week	Theoretical	Practice	
1	The description and classification of lipids, formulas and properties of saturated and unsaturated fatty acids		

ÖK3	0	0	4	4	0	0	0	0	0	0	0	0	0	0	0	0
ÖK4	0	2	3	4	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
ÖK6	0	0	2	3	0	0	0	0	0	0	0	0	0	0	0	0
ÖK7	0	0	0	0	4	0	0	0	3	0	0	0	0	0	0	0
ÖK8	0	0	0	0	0	0	0	0	0	0	4	2	0	0	0	0
LO: Learning Objectives PQ: Program Qualifications																
Contribution Level:	1 very low		2 low		3 Medium		4 High		5 Very High							