	THE LIPIDS	AND	LIPID METABOLISM						
1	Course Title:	THE LIP	IDS AND LIPID METABOLISM						
2	Course Code:	VBK6003	3						
3	Type of Course:	Compuls	sory						
4	Level of Course:	Third Cy	cle						
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 f	ace						
14	Course Coordinator:	Prof. Dr.	MELTEM TANRIVERDİ						
15	Course Lecturers:	-							
16	Contact information of the Course Coordinator:	0532 487	n@uludag.edu.tr 875175 steriner Fakültesi Biyokimya ABD						
17	Website:								
18	Objective of the Course:	part of m							
19	Contribution of the Course to Professional Development:	essential	o discuss abnormalities associated with lipids which are all components of organisms, ability to disseminate alge 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 betwee 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:								
10.		Co	purse Content:						
	Theoretical	li i	Practice						
1	The description and classification of formulas and properties of saturated unsaturated fatty acids								

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25		PQ1				BUTIO		Q	UA	LIFIC	ATIO	NS ——	S TO I		PQ14		PQ16	
		15/									01176	2015	0.70		ND 4 1 1	A.F.		
Measurement and Evaluation Techniques Used in the Course 24 ECTS / WORK LOAD TABLE																		
Total Measurement and Evaluation Techniques Used in the								100.00										
	ECTS Credit of the Course								4.00									
Sotates				uros					Ц							3.87		
Total W				· · · ,												116.00		
Einal E. Total							1		10	00.00			30.00		\rightarrow	30.00		
Others		2,010								4			4.00		,	16.00		
Midtern Home v	n exa	ms. proje	ct				0		0	0.00					0.00			
Field S							10			0.00					0.00			
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Homew		ישי שי	epera	uOH					_	0			3.00				0.00	
Practical Set U			ntoro	tion						14						0.00 42.00		
Theore									В					- Yın Ademoğlu, 2006 ₀₀ J. B. Serbek. M. Nizamlioğlu 0.00 0.00				
Activit	es									Number Duration (hour)					hour)	Load (hour)		
22	Text	book	s, Ref	ferenc	es an	d/or Ot	ther		Bi	ochem	istry (5	th edition	on) Berg	g JM.,	2002.			
14				tion ar disord		oositior	of lip	oids										
13	of ch	olest	terol			ion and												
12	sphir	ngolip	pids			cerols												
11	polyı	unsat	turate	d fatty	acids	and e		noids										
10				of fatty m of m		and A	(IP ga	ain										
	synth	hesis	of fat	ty acid	ds													
9						eir fun ion of li												
	of bil	le aci	ids	·					_									
7	and f	funct	ions c	of chol	ester	emical ol cture a												
5	muc	oster	ins			sterins												
4	Sphi	ngoli	pids, a	alipha	tic alc	ohol a	nd wa	xes										
3						oroperti glyceric												
2	Physical and chemical properties of fatty acids and neutral lipids																	

25	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	0	0	0	0	0	0	0	0	0	0	0	0	0
ÖK2	3	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0

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																
Contrib 1 very low ution Level:				2 low		3 Medium			4 High			5 Very High				