	HORM	ONE I	BIOCHEMISTRY						
1	Course Title:	HORMO	NE BIOCHEMISTRY						
2	Course Code:	BIO6401							
3	Type of Course:	Optional							
4	Level of Course:	Third Cy	cle						
5	Year of Study:	1							
6	Semester:	1							
7	ECTS Credits Allocated:	6.00							
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 t	face						
14	Course Coordinator:	Doç. Dr.	EGEMEN DERE						
15	Course Lecturers:	Prof. Dr.	Ferda ARI						
16	Contact information of the Course Coordinator:	Doç. Dr. Egemen DERE Bursa Uludağ Üniversitesi Fen Ed. Fak Biyoloji Bl. Moleküler Biyoloj Anabilim Dalı Tel: 0 224 41792 edere@uludag.edu.tr							
17	Website:								
18	Objective of the Course:	The aim of the course is to comprehend structures of hormone and metabolism. To explain the importance of metabolism.							
19	Contribution of the Course to Professional Development:	Hormones act as regulatory molecules in living organisms. They control the proper functioning of metabolism. They also check each other. Knowing the hormone metabolism will contribute to his / her own study, no matter what subject the student taking the course studies.							
20	Learning Outcomes:								
	•	1	He/she can grasp to base of endocrine system						
		2	He/she can understand to relationships with each other of hormones						
		3	He/she can grasp to metabolic important and biosynthesis of hormones						
		4	He/she can understand to how is identified hormones by the cells						
		5	He/she can understand to molecular structure of hormones						
		6	He/she can grasp to how is hormones affected the cells						
		7	He/she can grasp the events into deficiency and redundancy of hormones						
		8	He/she can understand the regulatory roles of plant hormones						
		9							
-		10							
21	Course Content:								
144	T	Co	burse Content:						
	Theoretical		Practice						
1	Endocrine glands and the hormones	3							

	Hormone the targe		lion ai				í											
3	Peptides																	
4	Steroid h	nes																
5	Hormone	mino a	acids	structu	re													
6	Mechani	f horm	ones	action														
7	Exam ar general (exam	ninatior	n ques	stions,											
8	Feedbac	k mec	hanisı	ms														
9	Mechan	isms o	of cell	comm	nunicati	ion												
10	Hormone and regu		is, ho	rmone	secre	etion												
11	Associat	ion wi	th can	cer of	hormo	ne												
12	Hormone	e use																
13	Herbal h	ormor	nes an	d its b	oiosyntł	nesis												
14	Hormona	al diso	rders															
22	Textbool Materials Assesme	8:	ferenc	es an	id/or Ot	ther			Hormones, Anthony W. Norman; Gerald Lidwack Biochemistry, Harper									
23									EIGHT									
TERM LEARNING ACTIVITIES NUMBE																		
Activites									Numb	er		Dura	tion (Total Work Load (hour)				
Theoretical Final Exam									60.00				3.00			42.00		
	als/Labs								0					0.00				
Self stu	idy and p	repera	tion Year)	learn	ina Act	ivities	s to	40	40 00				5.00			65.00		
Homew									2				14.00			28.00		
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	Field Studies									0				0.00				
Field St	tudies		Xum k					(0			0.00			0.00			
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ÖK6	4	2	4	2	3	3	4	2	3	3	3	0	0	0	0	0
ÖK7	5	4	3	2	4	3	4	3	3	4	4	0	0	0	0	0
ÖK8	3	3	3	2	3	3	3	2	3	4	3	0	0	0	0	0
LO: Learning Objectives PQ: Program Qualifications																
Contrib 1 very low ution Level:				2 Iow		3	Medi	um		4 Hig	h		5 Ver	y High		