GENERAL CELL BIOLOGY											
1	Course Title:	GENER	AL CELL BIOLOGY								
2	Course Code:	BYL409	0								
3	Type of Course:	Optional									
4	Level of Course:	First Cyc	cle								
5	Year of Study:	4									
6	Semester:	8									
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:	None									
12	Language:	Turkish									
13	Mode of Delivery:	Face to	face								
14	Course Coordinator:	Prof. Dr.	Elif Demirkan								
15	Course Lecturers:	Prof. Dr.	Elif DEMİRKAN								
16	Contact information of the Course Coordinator:	Uludağ Üniversitesi Fen-Edebiyat Fakültesi Biyoloji Bölümü Görükle Kampüsü, Nilüfer/BURSA 16059 e-posta: edemirkan@uludag.edu.tr Telefon: 0 224 294 17 94 Uludag University Faculty of Arts and Science Department of Biology Gorukle Campus, Nilufer/BURSA 16059 e-mail: edemirkan@uludag.edu.tr Phone: 0 224 294 17 94									
17	Website:										
18	Objective of the Course:	This course provides an overview of the cell biology, both structure and function.									
19	Contribution of the Course to Professional Development:										
20	Learning Outcomes:										
		1	To have basic information about the structural and molecular features of organisms								
		2	The ability to effectively employ communication technologies								
		3	To earn the ability to transfer information								
		4	The ability to win the professional and ethical responsibility awareness								
		5	To have sufficient knowledge in areas of Natural Sciences for which one might be consulted								
		6	Be aware of scientific innovation								
		7	To comprehend the position and responsibility of human beings in nature								
		8	To be able to reach up to date information								
		9									
		10									
21	Course Content:										
	Course Content:										

Week	The	Theoretical								Practice								
1	The	The emergence of modern cell biology																
2		Two primary types of cells: prokaryotic cells and eukaryotic cells																
3	The	he importance of carbon and water																
4	mos	Macromolecules: components responsible for most of the form and function in living systems																
5	Optical techniques used in the determination of cellular structures																	
6	Examination of live cells																	
7	Mole	Molecular layout of the cell membrane																
8	Cells	Cells and transport processes																
9	Intra	cellu	lar me	embra	ne sy:	stem												
10	Intra	Intracellular respiratory centers																
11	The	struc	ture a	nd fur	nction	of plas	stids											
12	Non-	-men	nbran	e bour	nd org	anelles	3											
13		Morphology of Nucleus, Ultrastructure of nucleolus																
14	Mec	Mechanism of Apoptosiz																
22	Text	book	s. Re	ferenc	es an	d/or Ot	ther		E.	Demirk	an. G	eneral (	Cell Bio	loav Le	ecture N	Notes		
	Mate	erials							Ц,									
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Practica							lR			0							0.00	
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	Total Work Load														120.00			
	tal work load/ 30 hr asurement and Evaluation Techniques Used in the							ne						1.00				
	Credit of the Course  ECTS / WORK LOAD TABLE														4.00			
		137							A D.		OUTC	20145	0 TO 1		ND 4 14			
25										RNING OUTCOMES TO PROGRAMME UALIFICATIONS								
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ÖK2	(	0	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
ÖK3	(	0	0	0	0	0	0	0	0	4	0	0	0	0	0	0	0	
ÖK4	(	0	0	4	0	0	0	0	0	0	0	0	0	0	0	0	0	

Contrib 1 very low ution Level:			:	2 low		3 Mediun			4 High			5 Very High				
LO: Learning Objectives PQ: Program Qualifications																
ÖK8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ÖK7	0	0	0	0	0	5	0	0	0	0	0	0	0	0	0	0
ÖK6	0	0	0	0	0	0	0	0	0	0	5	0	0	0	0	0
ÖK5	0	0	0	4	0	0	0	0	0	0	0	0	0	0	0	0