TISSUE BIOLOGY										
1	Course Title:	TISSUE	BIOLOGY							
2	Course Code:	BYL0531								
3	Type of Course:	Optional	1							
4	Level of Course:	First Cyc	cle							
5	Year of Study:	4								
6	Semester:	8								
7	ECTS Credits Allocated:	5.00								
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	to face							
14	Course Coordinator:	Prof. Dr. SiBEL TAŞ								
15	Course Lecturers:	Yok								
16	Contact information of the Course Coordinator:	Prof. Dr. Sibel TAŞ Uludağ Üniversitesi, Fen-Edebiyat Fakültesi, Biyoloji Bölümü e-posta: smeral@uludag.edu.tr Telefon: 0 (224) 294 1795 and Science, Department of Biology e-mail: smeral@uludag.edu.tr Phone: 0 (224) 294 1795								
17	Website:									
18	Objective of the Course:	Teaching types, structures and functions of the epithelial, connective, cartilage, bone, blood, muscle and nerve tissues seen in vertebrate animals.								
19	Contribution of the Course to Professional Development:	By learning the importance of tissues in living things, he / she can make a holistic evaluation.								
20	Learning Outcomes:									
		1	Knows the description of tissue biology and its methods of study, preparation techniques and types of microscopes.							
		2	Knows the epithelial tissue structure, types, and their functions.							
		3	Knows the connective tissue structure, types, fibers, cells and their functions.							
		4	Knows the cartilage tissue structure, types, cells, their functions and histogenesis.							
		5	Knows the bone tissue structure, types, cells, their functions and histogenesis.							
		6	Knows the blood tissue structure, cell types and their functions with the plasma, lymph and hematopoiesis.							
		7	Knows the muscle tissue structure, types, cells, their functions and mechanisms of contraction.							
		8	Knows the neurons structure and their functions, types of glial cells, structure and functions.							
		9								
_		10								
21	Course Content:	_								
Course Content:										

Week	Theoretical		Practice							
1	Tissue definition, working methods. Preparation technique. Types of micr	neconoc								
2	Tissue types. The forms and properti epithelial cells. Cell junctions. Specia of the cell surface. Covering epithelia types.	es of lizations								
3	Glandular epithelia and types. Serous mucous and sero-mucous cells. Diffu neuroendocrine system, myoepithelia and steroid secreting cells.	ise								
4	Connective tissue and cells. Connect tissue ground substance.	tive								
5	Fibers of connective tissue. Collagen and reticular fibers. Collagen synthes									
6	Types of connective tissue. Loose ar connective tissue, elastic, reticular, a and mucous tissue.									
7	Structure of cartilage tissue. The cell- development of the cartilage. Hyaline and fibrous cartilage.									
8	Bone, types of bone cells and bone n Endosteum and periosteum. Types o Primary and secondary bone tissue.									
9	Histogenesis of bone. Endochondral intramembranous ossification. Mechacalcification. Bone growth and remode	anisms of								
Activit		iciii id.		Number	Duration (hour)	Total Work Load (hour)				
Theore	propo cells and platelets) types, structions.	tures		14	3.00	42.00				
	als/Labs			0	0.00	0.00				
Self stu	Mechanisms of clotting.		I	14	56 00					
Homew	vorks		•	0	0.00					
Project	organization. Mechanism of contracti	on.		0	0.00					
Field S	tudies			0	0.00	0.00				
Midtern 14	Nerve tissue and its development. St	ructuros	F	1	26.00	26.00				
Others			•	0	0.00	0.00				
Final E	Itransmission. Gilai cells and its types kams			1	26.00	26.00				
Total W	Vork Load					176.00				
Total w	04818181830 hr		P	rot. Dr. Meltem KURU Itabevi	HistolojiY ayınevi:	Akademisyen 5.00				
ECTS (Credit of the Course		11/	III IGV		5.00				
23	Assesment									
	EARNING ACTIVITIES	NUMBE R	WEIGHT							
	n Exam	1	40.00							
Quiz		0	0.00							
	work-project	0	0.00							
Final E	xam	1		60.00						
Total		2	100.00							
	oution of Term (Year) Learning Activitiess Grade	es to	40.00							
Contrib	oution of Final Exam to Success Grade	9	60.00							
Total			100.00							

Measurement and Evaluation Techniques Used in the Course

24 | ECTS / WORK LOAD TABLE

25		CONTRIBUTION OF LEARNING OUTCOMES TO PROGRAMME QUALIFICATIONS														
	PQ1	PQ2	PQ3	PQ4	PQ5	PQ6	PQ7	PQ8	PQ9	PQ1 0	PQ11	PQ12	PQ1	PQ14	PQ15	PQ16
ÖK1	0	0	0	0	3	0	3	3	3	0	0	0	0	0	0	0
ÖK2	0	0	0	0	3	0	3	3	3	0	0	0	0	0	0	0
ÖK3	0	0	0	0	3	0	3	3	3	0	0	0	0	0	0	0
ÖK4	0	0	0	0	3	0	3	3	3	0	0	0	0	0	0	0
ÖK5	0	0	0	0	3	0	3	3	3	0	0	0	0	0	0	0
ÖK6	0	0	0	0	3	0	3	3	3	0	0	0	0	0	0	0
ÖK7	0	0	0	0	3	0	3	3	3	0	0	0	0	0	0	0
ÖK8	0	0	0	0	3	0	3	3	3	0	0	0	0	0	0	0
		l	LO: L	_earr	ning (Objec	ctive	s P	Q: P	rogra	ım Qu	alifica	tions	<u> </u>		
Contrib 1 very loution Level:			low	2	2 low		3 Medium			4 High			5 Very High			