	FREE FLOATING SECTION TECHNIQUE AND IMMUNOFLOURESANS METHOD									
4	Course Title:									
1	Course Title.	FREE FLOATING SECTION TECHNIQUE AND IMMUNOFLOURESANS METHOD								
2	Course Code:	VHE601	9							
3	Type of Course:	Optional								
4	Level of Course:	Third Cy	cle							
5	Year of Study:	1								
6	Semester:	1								
7	ECTS Credits Allocated:	3.00								
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:	Dr. Ögr.	Üyesi Tuncay İLHAN							
15	Course Lecturers:									
16	Contact information of the Course Coordinator:	E-mail: ti Bursa Ul	0224 2941266 iil: tilhan@uludag.edu.tr a Uludağ Üniversitesi Veteriner Fakültesi A Blok Histoloji- riyoloji A.D.							
17	Website:									
18	Objective of the Course:	staining	free-floating section technique and immunofluorescent used in histology laboratory.							
19	Contribution of the Course to Professional Development:		competent to use these techniques in scientific laboratory n the field of histology.							
20	Learning Outcomes:									
		1	Ability to use total perfusion technique.							
		2	Learning the usage areas and technical details of free floating section technique.							
		3	Learning the application of immunofluorescence staining technique on free floating sections.							
		4	To learn using cryotome in histology laboratory.							
		5								
		6								
		7								
		8								
		9								
		10								
21 Course Content:										
\\/ \/ 1	Theoretical	Co	ourse Content:							
	Theoretical		Practice							
1	Routine histology technique.  Use of a microtome.									
3		utions								
	Tissue detection, fixing solutions, sol appropriate to cryo-section.	uliOHS								
4	Total perfusion technique.									

5		sage areas of cryotome, reasons of eference.															
6		Using cryotome, collecting free floating ections.															
7		reparation of Cryo protector solution and ashing solutions.						T									
8		/ashing of tissues, selection of appropriate ections.															
9		election of appropriate primary antibody and orescent labeled secondary antibodies.						b									
10		Application of fluorescent staining 1 (primary antibody in well plate)															
11		application of fluorescent staining 2 (Use of uorescently labeled antibodies)															
12	Taking free floating sections on to microscope slides, use of fluorescence microscope, storage of sections.						е										
13	Doubl	e ir	nmun	ofluore	escen	t staini	ng.										
14	Free floating section technique in central nervous system.																
22		Textbooks, References and/or Other Materials:							Immunohistochemistry: Basics and Methods. Igor B. BuchwalowWerner Böcker.								
23	Asses	me	nt														
TERM L	.EARN	ING	ACTI	VITIES			N	UMBE	: W	/EIGHT							
Activites							Number			Dura	Duration (hour)			Total Work Load (hour)			
<del>поше л</del>	Tionie work-project						TO	200 2800					00.00				
	Theoretical Final Exam.						1	100.00			2.00	2.00					
Practica	Practicals/Labs							0			0.00	0.00			0.00		
Self study and preperation						-	14			4.00	4.00			56.00			
Homeworks								0			0.00				0.00		
Field St	Projects Contribution of Final Exam to Success Grade Field Studies							10	100.00			0.00	0.00			0.00	
1000	idterm exams							Т.	0.00				0.00				
Others	was mant and Freduction Tachniques Hand in the							ᆚ포	0 0.00				0.00				
								Т	1				1.00			1.00	
	Exams Work Load							1			1.00	1.00			85.00		
			20 b=														
	work load/ 30 hr Credit of the Course													2.83			
ECIS	redit .	or ti	ne Co	urse												3.00	
25	25 CONTRIBUTION OF LEARNING OUTCOMES TO PROGRAMME QUALIFICATIONS																
	P	Q1	PQ2	PQ3	PQ4	PQ5	PQ6	PQ7	PQ	8 PQ9	PQ1 0	PQ11	PQ12	PQ1 3	PQ14	PQ15	PQ16
ÖK1	3		4	5	4	5	5	4	4	5	5	5	0	0	0	0	0
ÖK2	4		4	4	5	4	5	5	5	5	4	5	0	0	0	0	0
ÖK3	5		5	4	5	4	3	4	4	5	4	4	0	0	0	0	0
ÖK4	5		4	5	5	4	5	5	5	4	4	5	0	0	0	0	0
			ı	O: L	.earr	ning C	bied	tives		PQ: P	rogra	m Qu	alifica	tions	<u> </u>		-
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Contrib	1 very low	2 low	3 Medium	4 High	5 Very High
ution					
Level:					