	HISTOLOGICA	L DIA	GNOSTIC TECHNIQUES								
1	Course Title:	HISTOL	OGICAL DIAGNOSTIC TECHNIQUES								
2	Course Code:	VET251	1								
3	Type of Course:	Optional									
4	Level of Course:	First Cyc	cle								
5	Year of Study:	2									
6	Semester:	3									
7	ECTS Credits Allocated:	3.00									
8	Theoretical (hour/week):	1.00									
9	Practice (hour/week):	2.00	2.00								
10	Laboratory (hour/week):	0									
11	Prerequisites:	-									
12	Language:	Turkish									
13	Mode of Delivery:	Face to	face								
14	Course Coordinator:	Prof. Dr.	NESRIN ÖZFİLİZ								
15	Course Lecturers:	Prof. Dr. Hatice ERDOST Prof.Dr.Berrin ZIK									
16	Contact information of the Course Coordinator:	Mail: nesrin@ uludag.edu.tr Uludağ Ünv. Veteriner Fak. Histoloji Embriyoloji Anabilim Dalı									
17	Website:	http://www.veteriner.uludag.edu.tr									
18	Objective of the Course:	Veterinarians to work in the laboratory techniques used routinely for histological examination and special examination should be used as diagnostic methods.									
19	Contribution of the Course to Professional Development:										
20	Learning Outcomes:										
		1	The diagnostic equipment used in histology and learn the basic principles of histology techniques,								
		2	Apply to the determination of tissue and tissue processin method,								
		3	Can take tissue sections,								
		4	Tissue samples for histological staining techniques can be applied,								
		5	Learn the techniques of froties and prepare to froties,								
		6	Learn histochemical techniques and apply them ,								
		7	Can apply immunohistochemical techniques,								
		8	Can histological examination of meat products								
		9	Prepared for light microscopic preparations can examination								
		10									
21	Course Content:										
		Co	purse Content:								
Week	Theoretical		Practice								
1	The purpose of histological diagnosi methods course, science and relate development,		The introduction of the instruments and apparatus used in the histology laboratory								

2	Introduction of microscopes and microscopes	roscope		oplied introduction of n	nicroscopes, prepai	ation of						
3	Fixative solutions which are used fo in Histology,	r tissues	Be tis	fixing solution, Be taken to determine the tissue sample and tissue								
4	Routinely used in the stain solutions histology,	for	-	processing method, Taking sections from paraffin blocks and pull lama,								
5	Stain solution used in histology as a purpose,	special		Triple, haematoxylin and eosin staining in the paraffin sections,								
6	Immunohistochemical staining techn use of catalogs,	iques,	im	Establishment of the working environment for immunohistochemical staining, preparation of lipid stain,								
7	In freezing microtome sectioning tec	hniques,	Th	ne application of lipid s	taining in freeze se	ction						
8	Staining techniques applied to lipid,		ap Pr de	Investigation of lipid stain applied to preparation, Preparation of bone decalcification solution,								
9	Preparations of bone preparation tec	hniques,	Sta	aining and examinatio	n of bone slides,							
10	Blood smear preparation and stainin techniques,	9	Pr	eparation of blood me	ars, stained and ex	amined,						
11	Histological analysis methods and th importance in meat products,	eir	Implementation of the tissue processing for meat products,									
12	Evaluation of the situation encounter analysis of meat products,	ed in the		Section of the sample taken and staining,								
13	Definition and importance of vaginal	smear,		aginal smear preparati								
Activit	es			Number	Duration (hour)	Total Work Load (hour)						
	Lextbooks, References and/or Other Materials:		щ	14	1.00	14.00						
Practic	als/Labs			14	2.00	28.00						
Sekinit le	PEX RIVING PROFITION IS	NUMBE	Wi	≜ fGнт	1.00	14.00						
Homew				0	0.00	0.00						
Project	n Exam S	T	30	600	0.00	0.00						
Field S	tudies			0	0.00	0.00						
Midter !	Work-project n exams	U	O.C	90	4.00	4.00						
Others				8	2.00	16.00						
Fifal E	xams	3	10	φ. 00	14.00	14.00						
Total W	Vork Load		+			90.00						
	verk load/ 30 hr		П			3.00						
	Credit of the Course	^	160	. 00		3.00						
Total			Пр	0.00								
Measu Course	rement and Evaluation Techniques Us	sed in the										
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 3	PQ14	PQ15	PQ16
ÖK1	5	5	5	3	2	0	5	1	0	2	2	0	0	0	0	0
ÖK2	5	0	0	0	0	0	5	0	0	0	0	0	0	0	0	0

Contrib 1 very low ution Level:			2 low		3	3 Medium		4 High			5 Very High					
LO: Learning Objectives PQ: Program Qualifications																
ÖK9	5	2	3	2	2	0	5	1	0	3	3	0	0	0	0	0
ÖK8	5	1	3	2	1	0	5	1	0	2	3	0	0	0	0	0
ÖK7	5	0	3	2	3	0	5	1	0	0	3	0	0	0	0	0
ÖK6	5	0	3	2	3	0	5	1	0	0	3	0	0	0	0	0
ÖK5	5	0	4	2	1	0	5	1	0	0	2	0	0	0	0	0
ÖK4	5	0	4	2	1	0	5	1	0	0	2	0	0	0	0	0
ÖK3	5	3	0	2	1	0	5	0	0	1	0	0	0	0	0	0