

# HISTOCHEMICAL METHODS

1	Course Title:	HISTOCHEMICAL METHODS	
2	Course Code:	VHE6017	
3	Type of Course:	Optional	
4	Level of Course:	Third Cycle	
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 face	
14	Course Coordinator:	Prof. Dr. HATICE ERDOST	
15	Course Lecturers:		
16	Contact information of the Course Coordinator:	Prof. Dr. Hatice ERDOST edost@uludag.edu.tr University of Uludağ faculty of Veterinary Medicine	
17	Website:		
18	Objective of the Course:	To understand histochemical methods in light microscopy	
19	Contribution of the Course to Professional Development:	Learns to the histochemical methods of light microscopy Learns to the selection of histochemical methods Compare different histochemical techniques Solve problems encountered in practice Understands the importance of providing the necessary conditions for the application.	
20	Learning Outcomes:		
		1	Learns to the histochemical methods of light microscopy
		2	Learns to the selection of histochemical methods
		3	Compare different histochemical techniques
		4	Solve problems encountered in practice
		5	Understands the importance of providing the necessary conditions for the application
		6	
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21	Course Content:		
		<b>Course Content:</b>	
Week	Theoretical	Practice	
1	Acid and basic stains		

2	Metacromazi and metachromatic stains			
3	Oil stains			
4	Sudan Black-B stain			
5	Oil-red O stain			
6	Identification of carbohydrate groups			
7	PAS stain			
8	PAS-Alcian blue stain			
9	Alcian Blue ph 2.5 stain Alcian Blue ph 1.0 stain Best'in carmine stain			
10	Reticulum fibers stain			
11	Kollagen fibers stain			
Activites		Number	Duration (hour)	Total Work Load (hour)
14	Alcian Blue ph 1 stain	14	2.00	28.00
Theoretical				
Practicals/Labs		0	0.00	0.00
Self study and preperation		2	2.00	28.00
Homeworks		2	10.00	20.00
Projects		0	0.00	0.00
Field Studies		0	0.00	0.00
Midterm Exams		0	0.00	0.00
TERM LEARNING ACTIVITIES		NUMBE	WEIGHT	
Others		2	3.00	6.00
Midterm Exam		0	0.00	
Final Exams		1	10.00	10.00
Total Work Load				92.00
Home work-project		0	0.00	
Total work load/ 30 hr				3.07
ECTS Credit of the Course				3.00
Total		1	100.00	
Contribution of Term (Year) Learning Activities to Success Grade		0.00		
Contribution of Final Exam to Success Grade		100.00		
Total		100.00		
Measurement and Evaluation Techniques Used in the Course		classical		
24	ECTS / WORK LOAD TABLE			

25	CONTRIBUTION OF LEARNING OUTCOMES TO PROGRAMME QUALIFICATIONS															
	PQ1	PQ2	PQ3	PQ4	PQ5	PQ6	PQ7	PQ8	PQ9	PQ10	PQ11	PQ12	PQ13	PQ14	PQ15	PQ16
ÖK1	4	4	4	2	2	4	3	3	3	0	0	0	0	0	0	0
ÖK2	4	4	4	2	2	4	3	3	3	0	0	0	0	0	0	0
ÖK3	4	4	4	2	2	4	3	3	3	0	0	0	0	0	0	0
ÖK4	4	4	4	2	2	4	3	3	3	0	0	0	0	0	0	0
ÖK5	4	4	4	2	2	4	3	3	3	0	0	0	0	0	0	0
LO: Learning Objectives    PQ: Program Qualifications																
Contribution Level:	1 very low			2 low			3 Medium			4 High			5 Very High			