

CIRCULATORY AND RESPIRATORY SYSTEM HISTOLOGY

1	Course Title:	CIRCULATORY AND RESPIRATORY SYSTEM HISTOLOGY
2	Course Code:	THE6009
3	Type of Course:	Compulsory
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. ZEHRA MİNBAY
15	Course Lecturers:	Prof. Dr. Zehra MİNBAY Doç. Dr. Şehime G. TEMEL
16	Contact information of the Course Coordinator:	zminbay@uludag.edu.tr (224) 295 40 64 Bursa Uludağ Üniversitesi Tıp Fakültesi Histoloji ve Embriyoloji AD 16059 Nilüfer Bursa
17	Website:	
18	Objective of the Course:	To provide knowledge and to get the students comprehend the histological characteristics components of cardiovascular and respiratory systems.
19	Contribution of the Course to Professional Development:	This course contributes to the students providing the knowledge necessary for their academic development.
20	Learning Outcomes:	
	1	Classify the vessels and understand the histological features of the three tunics that make up the walls of most blood vessels
	2	Compare the histological structures of vessel types and distinguish them on the basis of structure, location and function.
	3	Describes the basic structure of a capillary bed from metarteriole to the venule
	4	Explain the histological properties of cardiac layers, histological characteristics the conduction system and fibrous skeleton of heart
	5	Understand the parts of the respiratory system, histological properties and their functions
	6	Compares the histological features of the conductive airway with those of the respiratory airway.
	7	Describes the segmental changes of the wall structure throughout the respiratory system.
	8	Describes the structural features and functions of the lungs and pleura
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21	Course Content:			
	Course Content:			
Week	Theoretical	Practice		
1	Overview of the cardiovascular system, and layers of the heart wall; endocardium, myocardium and pericardium			
2	The conducting system and fibrous skeleton of the heart			
3	General histological features of the vascular wall structure			
4	Classification and histological features of the arteries			
5	Classification and histological features of veins			
6	Classification and histological features of capillaries			
7	Arteriovenous shunts, atypical blood vessels, and lymphatic vascular system			
8	General features of the respiratory system, and respiratory epithelium			
9	Histology of the nasal cavity and paranasal sinuses			
10	Histology of the pharynx, larynx and trachea			
11	Histological structure of the bronchi and bronchioles and Clara cells			
Activites		Number	Duration (hour)	Total Work Load (hour)
Theoretical	Respiratory system, and histological and functional properties of the pleura	14	2.00	28.00
Practicals/Labs		0	0.00	0.00
Self study	Clinical correlation	14	2.00	28.00
Homeworks		0	0.00	0.00
Projects	Materials:	4	0.00	0.00
Field Studies		0	0.00	0.00
Midterm exams		3	0.00	0.00
Others		3	4.00	12.00
Final Exams		1	18.00	18.00
Total Work Load				86.00
Total work load/ 30 hr				2.87
ECTS Credit of the Course				3.00
23	Assesment			
TERM LEARNING ACTIVITIES		NUMBER	WEIGHT	
Midterm Exam		0	0.00	
Quiz		3	30.00	
Home work-project		0	0.00	
Final Exam		1	70.00	
Total		4	100.00	
Contribution of Term (Year) Learning Activities to Success Grade		30.00		
Contribution of Final Exam to Success Grade		70.00		

Total									100.00								
Measurement and Evaluation Techniques Used in the Course									Measurement and evaluation are performed according to the Rules & Regulations of Bursa Uludağ University on Undergraduate Education.								
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	5	5	1	0	1	1	1	0	3	0	2	0	0	0	0	0	
ÖK2	5	5	1	0	1	1	1	0	3	0	2	0	0	0	0	0	
ÖK3	5	5	1	0	1	1	1	0	3	0	2	0	0	0	0	0	
ÖK4	5	5	1	0	1	1	1	0	3	0	2	0	0	0	0	0	
ÖK5	5	5	1	0	1	1	1	0	3	0	2	0	0	0	0	0	
ÖK6	5	5	1	0	1	1	1	0	3	0	2	0	0	0	0	0	
ÖK7	5	5	1	0	1	1	1	0	3	0	2	0	0	0	0	0	
ÖK8	5	5	1	0	1	1	1	0	3	0	2	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				