

Graduate School of Health Sciences / Nursing M.S

2024 - 2025 Academic Year

PHYSIOPATHOLOGY II

Syllabus

Course Description					
Name	Code	Semester	T+A Hour	Credit	ECTS
PHYSIOPATHOLOGY II	HEMY1212870	Spring Semester	2+0	2	5
Prerequisites Courses					
Recommended Elective Courses					
Language of Instruction	Turkish				
Course Level	Second Cycle (Master's Degree)				
Course Type	Elective				
Course Coordinator	Assist.Prof. Esra KÖROĞLU ÇAMDEVİREN				
Name of Lecturer(s)	Assist.Prof. Esra KÖROĞLU ÇAMDEVİREN				
Assistant(s)					
Aim	It is to evaluate the functional mechanisms of the cells, organs and systems that make up the human organism and the disorders in these functions in case of disease.				
Course Content	This course contains; Course introduction and preparation, Sleep Physiology, Pain Physiology, Cardiovascular system physiology and pathophysiology I, Cardiovascular system physiology and pathophysiology II, Respiratory system physiology and pathophysiology, MIDTERM, Endocrine system physiology and pathophysiology I, Endocrine system physiology and pathophysiology II, Hematopoietic system physiology and pathophysiology, Renal system physiology and pathophysiology, Gastrointestinal system physiology and pathophysiology I, Neurological system system physiology and pathophysiology, Immune system system physiology and pathophysiology, Musculoskeletal system physiology and pathophysiology.				
Course Learning Outcomes			Teaching Methods	Assessment Methods	
Defines sleep physiology and disorders that cause insomnia.			10, 19, 9	A, E	
Explains the physiology of pain and the factors that cause pain.			10, 19, 9	A, E	
Explains the mechanisms of body systems and disease states.			10, 19, 9	A, E	
Teaching Methods	10: Discussion Method, 19: Brainstorming Technique, 9: Lecture Method				
Assessment Methods	A: Traditional Written Exam, E: Homework				
Lecture Schedule					
Sequence	Topics	Preliminary Preparation			
1	Course introduction and preparation				
2	Sleep Physiology				
3	Pain Physiology				
4	Cardiovascular system physiology and pathophysiology I				
5	Cardiovascular system physiology and pathophysiology II				
6	Respiratory system physiology and pathophysiology				
7	MIDTERM				
8	Endocrine system physiology and pathophysiology I				
9	Endocrine system physiology and pathophysiology II				
10	Hematopoietic system physiology and pathophysiology				
11	Renal system physiology and pathophysiology				
12	Gastrointestinal system physiology and pathophysiology I				
13	Neurological system system physiology and pathophysiology				
14	Immune system system physiology and pathophysiology				
15	Musculoskeletal system physiology and pathophysiology				
Evaluation Methods		Weight(%)			
Midterm Exam		50			
General Exam		50			
Resources					