

**International School of Medicine / Medicine (English)**

**2023 - 2024 Academic Year**

**PHYSIOPATHOLOGY**

**Syllabus**

<b>Course Description</b>					
<b>Name</b>	<b>Code</b>	<b>Semester</b>	<b>T+A Hour</b>	<b>Credit</b>	<b>ECTS</b>
PHYSIOPATHOLOGY	ISM1011241	Yearly	10+0	0	1
<b>Prerequisites Courses</b>					
<b>Recommended Elective Courses</b>					
<b>Language of Instruction</b>	English				
<b>Course Level</b>	First Cycle (Bachelor's Degree)				
<b>Course Type</b>	Committee Course				
<b>Course Coordinator</b>	Assoc.Prof. Ali Timuçin ATAYOĞLU				
<b>Name of Lecturer(s)</b>	Assoc.Prof. Ali Timuçin ATAYOĞLU				
<b>Assistant(s)</b>					
<b>Aim</b>	To provide knowledge about the formation mechanisms of common diseases related to the musculoskeletal system at the systemic and cellular level, with a multidisciplinary perspective.				
<b>Course Content</b>	This course contains; Musculoskeletal Disorders and Inflammation, Bone Disorders, Joint Disorders, Muscle Diseases, Case Discussion.				
<b>Course Learning Outcomes</b>			<b>Teaching Methods</b>	<b>Assessment Methods</b>	
Gains knowledge about the formation mechanisms of common musculoskeletal diseases at the systemic and cellular level, with a multidisciplinary perspective.			10, 13, 16, 19, 2, 37, 4, 5, 9	A, D, E	
<b>Teaching Methods</b>	10: Discussion Method, 13: Case Study Method, 16: Question - Answer Technique, 19: Brainstorming Technique, 2: Project Based Learning Model, 37: Computer-Internet Supported Instruction, 4: Inquiry-Based Learning, 5: Cooperative Learning, 9: Lecture Method				
<b>Assessment Methods</b>	A: Traditional Written Exam, D: Oral Exam, E: Homework				
<b>Lecture Schedule</b>					
<b>Sequence</b>	<b>Topics</b>	<b>Preliminary Preparation</b>			
1	Musculoskeletal Disorders and Inflammation	Reading related resource.			
2	Bone Disorders	Reading related resource.			
3	Joint Disorders	Reading related resource.			
4	Muscle Diseases	Reading related resource.			
5	Case Discussion	Reading related resource.			
<b>Evaluation Methods</b>		<b>Weight(%)</b>			
Midterm Exam		40			
General Exam		60			

<b>Resources</b>
1. Pathophysiology of Disease: An Introduction to Clinical Medicine, 8th Edition by Gary D. Hammer, Stephen J. McPhee 2. Pathophysiology: The Biologic Basis for Disease in Adults and Children, 8th Edition by Kathryn L. McCance, MS, PhD and Sue E. Huether, MS, PhD 3. Guyton and Hall Textbook of Medical Physiology, 13th Edition by John E. Hall, PhD