

Course Name	Code	Semester	Theory (hrs/week)	Application (hrs/week)	Laboratory (hrs/week)	ECTS
Kinesiology Anatomy	ANA631	1st, 2nd, 3rd and 4th Semester	2	0	2	4
Prerequisites	No					
Course language	Turkish					
Course Type	Optional					
Learning and teaching techniques of the course	Lecture, Question-Answer, Practice - Exercise					
Course instructor(s)	Prof. Özdemir SEVİNÇ, MD					
Course objectives	Gross body movements, kinesiology of joints in the body, functions of skeletal muscles, kinesiology of posture, application of kinesiological principles to activities of daily life, examination of the principles and methods of movement analysis in the light of anatomical and mechanical knowledge.					
Learning outcomes of the course	1- Explain the anatomical and neurological basis of movement. 2- Gains the ability to perform kinesiology analysis of movements. 3- Interpret joint movements from a kinesiological point of view.					
Resources	1- Bikem Suzen. Movement System Anatomy and Kinesiology. Nobel Medical Bookstores, Istanbul, 2021. 2- Nevin Ergun (Trans. Ed.). Functional Anatomy. Nobel Medical Bookstores, Istanbul, 2021.					

Weekly Course Topics:

WEEKS	TOPICS TO BE DISCUSSED
1. Week	Introduction to kinesiology anatomy
2. Week	Kinesiology anatomy of the upper limb I
3. Week	Shoulder-Arm complex
4. Week	Kinesiology anatomy of the elbow joint
5. Week	Kinesiology anatomy of the hand
6. Week	Kinesiology anatomy of the columna vertebralis I
7. Week	Kinesiology anatomy of the columna vertebralis II
8. Week	MIDTERM EXAM
9. Week	Kinesiology anatomy of the lower limb
10. Week	Kinesiology anatomy of the hip joint
11. Week	Kinesiology anatomy of the knee joint
12. Week	Kinesiology anatomy of the foot
13. Week	Kinesiology and biomechanics of gait I
14. Week	Kinesiology and biomechanics of gait II
15. Week	FINAL SINAVI

Student Workload Table

Events	Number	Time	Total Workload
Lesson	14	2	28
Laboratory	14	2	28
Application			
Fieldwork			
Out-of-Class Study Time (Freelancing/Group Work/Pre-Study)	14	3	42
Presentation (Shooting videos/Preparing posters/Making Oral Presentations/Focus Group Interviews/Conducting Surveys/Observation and Report Writing)			
Seminar Preparation			
Project			
Case Study			
Role Playing, Dramatizing			
Writing an article-Criticizing			
Mid-term exams	1	1	1
Final exams	1	1	1
Total workload (hours) / 25(s)		100/25	
Ders ACT		4	

Evaluation System

Semester Studies	Number	Contribution
Midterm Exam	1	%40
Quiz		
Laboratory		
Application		
Fieldwork		
Course-Specific Internship (If Available)		
Assignments		
Presentation and Seminar		
Projects		
Other		
Total of Semester Studies		%40
Final Work		
Finale	1	%60
Homework		
Application		
Laboratory		
Total of Final Studies		%60
The Contribution of Semester Studies to the Success Grade		%40
The Contribution of the Final Exam to the Success Grade		%60

Sum of Success Grade		100
----------------------	--	-----

THE RELATIONSHIP BETWEEN COURSE LEARNING OUTCOMES AND PROGRAM COMPETENCIES

No	Program Qualifications	Learning Outcomes		
		ÖÇ1	ÖÇ2	ÖÇ3
1	Knows the basic structure, functions and working mechanisms of organs and systems and can explain each system in detail.	5	5	5
2	Describe the basic microanatomical structures and developmental processes of tissues, organs and systems in the human body.			
3	Knows the topographic layouts, surface projections and courses of organs and formations.		3	3
4	It alone can dissect different parts of cadavers, identify organs and other structures.			
5	Radiography can describe normal anatomical structures in MRI and CT images and provide anatomical explanation for pathological conditions.			
6	Can establish, solve and develop hypotheses about anatomy by using anatomy knowledge at a high level.			
7	Can design, implement, conclude and manage an original research process related to anatomy by using appropriate technologies.			
8	Present and publish the results of academic studies in the field of anatomy in reputable domestic and international academic environments.			
9	Observes and teaches social, scientific and ethical values in the stages of collecting, recording, interpreting and announcing data related to the field of anatomy.			

Qualification level: 1: Low, 2: Low/Medium, 3: Medium, 4: High, 5: Excellent