



## AYDIN ADNAN MENDERES UNIVERSITY COURSE INFORMATION FORM

Course Title		Holistic Anatomy							
Course Code		TAN650		Course Level		Third Cycle (Doctorate Degree)			
ECTS Credit	4	Workload	103 (Hours)	Theory	2	Practice	0	Laboratory	0
Objectives of the Course		Complementary and alternative approaches to health and medicine are becoming increasingly common as the boundaries of traditional treatments become more evident. Holistic Anatomy provides an authoritative study of anatomy, physiology, and pathology, enabling discussion by connecting body science to various alternative modalities to explore how people exist and live in and interact with their environment.							
Course Content		The structure and functions of the human body are highly interrelated. Although each structure is specialized to perform a specific function, the human body is structurally and functionally organized at different levels of complexity. These are holistic structures composed of atomic, molecular, cell, tissue, organ, organ systems and organisms. Holistic anatomy aims to teach these holistic structures that make up the human body. This perspective will be provided in order to learn how and in which part of our body these formations take place, and to gain the ability to both notice and manage their functions and the results they create. Holistic anatomy involves students learning anatomy in a holistic and relational way.							
Work Placement		N/A							
Planned Learning Activities and Teaching Methods				Explanation (Presentation), Discussion, Case Study, Individual Study					
Name of Lecturer(s)									

### Assessment Methods and Criteria

Method	Quantity	Percentage (%)
Midterm Examination	1	40
Final Examination	1	60

### Recommended or Required Reading

1	Gray's School of Medicine Anatomy for the Student, 1st edition, by Prof. Dr. Mehmet Yıldırım, Güneş Bookstore – Ankara, 2007
2	Basic Clinical Anatomy, 2nd edition, Keith L. Moore, Anne M. R. Agur, Alaittin Elhan Güneş Bookstore – Ankara, 2006.
3	Sobotta Atlas of Human Anatomy Volume 1-2. 2. Turkish edition Prof. Dr. Kaplan Arıncı, H. Ferner and J. Staubesand – Munich, 1985.
4	Gökmen F. G. Systematic Anatomy, İzmir Güven Bookstore, 2008.
5	L. Bikem Süzen. Movement System Anatomy and Kinesiology, Nobel Medical Bookstores, 2021.
6	Welsh C., Prentice-Craver C., Shier D., Butler J. and Lewis R. Hole's. Human Anatomy & Physiology, 16th Edition, New York, Mc Graw-Hill, 2022.
7	Pip Waller . Holistic Anatomy: An Integrative Guide to the Human Body. North Atlantic Books; 1. Basım. 2010
8	Colin Paddon. Anatomy For Holistic Therapists. Airmid Holistic Books. 2008.

### Week Weekly Detailed Course Contents & Teaching Methods

1	Theoretical	Introduction to holistic anatomy.
2	Theoretical	Holistic approach to the body
3	Theoretical	Structural Organization of the Human Body
4	Theoretical	Functions of Human Life
5	Theoretical	Homeostasis
6	Theoretical	Essential Inorganic Compounds for Human Function
7	Intermediate Exam	Midterm exam
8	Theoretical	Essential Organic Compounds for Human Functioning
9	Theoretical	Cellular Organization Level
10	Theoretical	Texture Level of the Organization
11	Theoretical	Layers of the skin, accessory structures, Functions in the skin system Skin System Diseases, Disorders and Injuries
12	Theoretical	Interactions of the Skeletal System and Other Organ Systems
13	Theoretical	Chemical Digestion and Absorption: A Closer Look
14	Theoretical	Metabolic States of the Body, Energy and Heat Balance Nutrition and Diet
15	Theoretical	Structure and Function of Blood Vessels, Blood Flow, Blood Pressure and Resistance, Homeostatic Regulation of Capillary Exchange Vascular System
16	Final Exam	Final exam



**Workload Calculation**

Activity	Quantity	Preparation	Duration	Total Workload
Lecture - Theory	14	2	2	56
Lecture - Practice	14	1	2	42
Midterm Examination	1	1	1	2
Final Examination	1	2	1	3
Total Workload (Hours)				103
[Total Workload (Hours) / 25*] = ECTS				4

\*25 hour workload is accepted as 1 ECTS

**Learning Outcomes**

1	Recognizes, names and explains the structural features of the formation seen
2	Defines the topographical relationships of anatomical formations with each other.
3	Can relate the functional properties of organs with their structural properties
4	Distinguish between normal and abnormal structures of tissues and organs
5	Can define structures belonging to this system

**Programme Outcomes (Anatomy (Medical) Doctorate)**

1	Be able to acquire enough knowledge and use of the infrastructure about Human anatomy and clinical anatomy, terminology
2	To use information on the science of anatomy study areas.
3	Anatomy is associated with other related disciplines to comprehend and to synthesize interdisciplinary interaction
4	Obtain the information about Systematic and topographical anatomy of the human-oriented structures, functions and their relationship with each other.
5	Create problems and solutions related fields to reveal the anatomy, experimental methods to gain the ability to solve the hypothesis.
6	Literature search ability, reading scientific papers, be able to evaluation and follow-up-to-date information
7	To be able to prepare the article in the science of anatomy
8	To be able to present papers in the field of science of anatomy
9	To gain enough discipline and experience related to anatomy and to be an expert
10	To have professional ethics and responsibility

**Contribution of Learning Outcomes to Programme Outcomes 1:Very Low, 2:Low, 3:Medium, 4:High, 5:Very High**

	L1	L2	L3	L4	L5
P1	4	4	3	4	5
P2	5	5	4	5	5
P3	4	3	3	3	5
P4	5	5	4	4	5
P5	4	4	3	5	5
P6	5	5	5	3	4
P7	4	5	4	4	2
P8	3	5	3	3	3
P9	5	5	4	4	4
P10	3	5	5	4	4

