



## AYDIN ADNAN MENDERES UNIVERSITY COURSE INFORMATION FORM

Course Title		Anatomy of Sensory Organs							
Course Code		TAN527		Course Level		Second Cycle (Master's Degree)			
ECTS Credit	3	Workload	75 (Hours)	Theory	2	Practice	2	Laboratory	0
Objectives of the Course		To give an introduction to the anatomy of the five senses, to comprehend its relations with other parts of the nervous system.							
Course Content		Sense of taste, tongue and pharynx The sense of touch, skin The sense of smell, regio olfactoria Orbita, accessory structures of the eye Bulbus oculi, choroidea, sclera, retina Outer and middle ear anatomy							
Work Placement		N/A							
Planned Learning Activities and Teaching Methods				Explanation (Presentation), Discussion, Case Study, Individual Study					
Name of Lecturer(s)		Lec. Eda Duygu İPEK							

### Assessment Methods and Criteria

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

### Recommended or Required Reading

1	Anatomi. K. Arıncı, A. Elhan, 2 Volume, Güneş Bookstore, Ankara, 2001, ISBN 9757467286
2	Netter FH. Atlas of human anatomy (second edition). USA, Novartis, 1997: 268.
3	Gökmen F. G. Systematic Anatomy, İzmir Güven Bookstore, 2008
4	Gray's Anatomy for Faculty of Medicine Students, 1. baskı, Prof. Dr. Mehmet Yıldırım, Güneş Bookstore – Ankara, 2007
5	Sobotta Human Anatomy Atlas Cilt 1-2. 2. In Turkish Prof. Dr. Kaplan Arıncı, H. Ferner ve J. Staubesand – Münih, 1985.

Week	Weekly Detailed Course Contents	
1	Theoretical	General information about the sensory organs
	Practice	Work on models and cadavers
	Preparation Work	Individual Work
2	Theoretical	Organ of sight, the light breaking formations, eyeball, Tunica fibrosa bulbi, sclera, cornea
	Practice	Work on models and cadavers
	Preparation Work	Individual Work
3	Theoretical	Tunica vasculosa bulbi, choroidea corpus ciliare, iris, Tunica nervosa, visual pathways
	Practice	Work on models and cadavers
	Preparation Work	Individual Work
4	Theoretical	Anatomy of the ear, outer ear
	Practice	Work on models and cadavers
	Preparation Work	Individual Work
5	Theoretical	Middle ear
	Practice	Work on models and cadavers
	Preparation Work	Individual Work
6	Theoretical	Inner ear
	Practice	Work on models and cadavers
	Preparation Work	Individual Work
7	Theoretical	Hearing paths
	Practice	Work on models and cadavers
	Preparation Work	Individual Work
8	Theoretical	The vestibular system



8	Practice	Work on models and cadavers
	Preparation Work	Individual Work
9	Theoretical	Tongue
	Practice	Work on models and cadavers
	Preparation Work	Individual Work
10	Theoretical	Pathways on the sense of taste
	Practice	Work on models and cadavers
	Preparation Work	Individual Work
11	Theoretical	Nazus
	Practice	Work on models and cadavers
	Preparation Work	Individual Work
12	Theoretical	Olfactory pathways
	Practice	Work on models and cadavers
	Preparation Work	Individual Work
13	Theoretical	Odor brain
	Practice	Work on models and cadavers
	Preparation Work	Individual Work
14	Theoretical	General senses and receptors
	Practice	Work on models and cadavers
	Preparation Work	Individual Work

### Workload Calculation

Activity	Quantity	Preparation	Duration	Total Workload
Lecture - Theory	14	1	2	42
Lecture - Practice	14	0	2	28
Midterm Examination	1	3	1	4
Final Examination	1	0	1	1
Total Workload (Hours)				75
[Total Workload (Hours) / 25*] = ECTS				3

\*25 hour workload is accepted as 1 ECTS

### Learning Outcomes

1	Student defines about the formation of taste, touch, smell, sight, and hearing senses structures and distinguish the relationship between them.
2	Learn the details of the anatomical organs of the five senses.
3	To learn simple clinical manifestations related of the five senses
4	Knows the anatomical structure and morphology of the eye
5	Knows the anatomical structure and morphology of the ear

### Programme Outcomes (Anatomy (Medical) Master)

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	5	4	5	5	5
P2	5	4	5	5	5
P3	5	4	5	5	5
P4	5	4	5	5	5
P5	5	4	5	5	5
P6	5	4	5	5	5
P7	5	4	5	5	5
P8	5	4	5	5	5
P9	5	4	5	5	5
P10	5	4	5	5	5

