

# CENTRAL NERVOUS SYSTEM ANATOMY

1	Course Title:	CENTRAL NERVOUS SYSTEM ANATOMY
2	Course Code:	TAN5004
3	Type of Course:	Compulsory
4	Level of Course:	Second Cycle
5	Year of Study:	1
6	Semester:	2
7	ECTS Credits Allocated:	5.00
8	Theoretical (hour/week):	2.00
9	Practice (hour/week):	2.00
10	Laboratory (hour/week):	0
11	Prerequisites:	
12	Language:	Turkish
13	Mode of Delivery:	Face to face
14	Course Coordinator:	Prof. Dr. İLKNUR ARI
15	Course Lecturers:	Prof. Dr. İlknur ARI, Prof. Dr. İhsaniye COŞKUN, Prof. Dr. Erdoğan ŞENDEMİR, Doç. Dr. M. İlker KAFA, Doç. Dr. Senem Turan ÖZDEMİR
16	Contact information of the Course Coordinator:	Prof. Dr. İlknur Ari Uludağ Üniversitesi Tıp Fakültesi Anatomi Anabilim Dalı, 16059 Bursa Tel; +90 224 2953814 e-mail: iari@uludag.edu.tr
17	Website:	
18	Objective of the Course:	To grasp the basic concepts of the human nervous system. To define the macroscopic features of the human nervous system. To describe the nuclei, pathways, neurotransmitters of the nervous system and teach the vessels (arteries and veins), cisterns, circulation of the cerebrospinal fluid and meninges. To explain the macroscopic features of the human nervous system by using human cadavers and models in practice lessons.
19	Contribution of the Course to Professional Development:	To be able to integrate the localization, relations and functions of the nervous system formations.
20	Learning Outcomes:	
	1	Define the basic concepts related to the human nervous system
	2	Grasp the basic structures of the human nervous system
	3	Identify parts of the human nervous system
	4	Show the macroscopic features of the human nervous system's structures
	5	To understand the functional relationships of the human nervous system
	6	Some of the basic information that can help you interpret the evaluation of clinical events
	7	
	8	
	9	
	10	
21	Course Content:	

	Course Content:			
Week	Theoretical	Practice		
1	General features of the central nervous system Anatomy of the spinal cord	Anatomy of spinal cord		
2	Afferent and efferent pathways of the spinal cord Anatomy of the medulla oblongata	Anatomy of the medulla oblongata		
3	Anatomy of the pons Anatomy of the mesencephalon	Anatomy of the pons and mesencephalon		
4	Anatomy of the cerebellum	Anatomy of the cerebellum		
5	Cranial nerves	Cranial nerves		
6	Cranial nerves Anatomy of the diencephalon	Cranial nerves and anatomy of diencephalon		
7	Anatomy of the diencephalon Basal ganglionlar	Anatomy of the diencephalon and basal ganglia		
8	Telencephalon Hemispherium cerebri Motor and sensoric areas	Anatomy of the hemispherium cerebri		
Activites		Number	Duration (hour)	Total Work Load (hour)
10	Patterns and sinuses of the central nervous system	14	2.00	28.00
Practicals/Labs		14	2.00	28.00
Self study and preperation		28	3.00	84.00
Homeworks		0	0.00	0.00
13	Orbita and bulbus oculi	0	0.00	0.00
Field Studies		0	0.00	0.00
15	Visual pathways	0	0.00	0.00
Others		0	0.00	0.00
14	Auditorial and vestibular pathways	1	4.00	4.00
Total Work Load				144.00
22	Textbooks, References and/or Other Materials:	1- Anatomi. K. Arıncı, A. Elhan, 2 Cilt, Güneş Kitabevi, Ankara, 2001. ISBN 9757467286		4.00
ECTS Credit of the Course				5.00
		Matbaası, Bursa, 1996, ISBN 975564023-1 3- Sobotta İnsan Anatomisi Atlası. R. Putz, R. Pabst, 3 Cilt, (Türkçe Çeviri) 7. Baskı, Beta Basım Yayım, Münih, 2011, ISBN 9786053775010		
23	Assesment			
TERM LEARNING ACTIVITIES		NUMBE R	WEIGHT	
Midterm Exam		0	0.00	
Quiz		0	0.00	
Home work-project		0	0.00	
Final Exam		1	100.00	
Total		1	100.00	

Contribution of Term (Year) Learning Activities to Success Grade	0.00
Contribution of Final Exam to Success Grade	100.00
Total	100.00
Measurement and Evaluation Techniques Used in the Course	Measurement and evaluation are performed according to the Rules & Regulations of Bursa Uludağ University on Undergraduate Education.
<b>24</b>	<b>ECTS / WORK LOAD TABLE</b>

<b>25</b>	<b>CONTRIBUTION OF LEARNING OUTCOMES TO PROGRAMME QUALIFICATIONS</b>															
	PQ1	PQ2	PQ3	PQ4	PQ5	PQ6	PQ7	PQ8	PQ9	PQ10	PQ11	PQ12	PQ13	PQ14	PQ15	PQ16
ÖK1	5	5	5	4	5	5	5	5	0	0	0	0	0	0	0	0
ÖK2	5	5	5	4	5	5	5	5	0	0	0	0	0	0	0	0
ÖK3	5	5	5	4	5	5	5	5	0	0	0	0	0	0	0	0
ÖK4	5	5	5	4	5	5	5	5	0	0	0	0	0	0	0	0
ÖK5	5	5	5	4	5	5	5	5	0	0	0	0	0	0	0	0
ÖK6	5	5	5	4	5	5	5	5	0	0	0	0	0	0	0	0
<b>LO: Learning Objectives    PQ: Program Qualifications</b>																
<b>Contribution Level:</b>	<b>1 very low</b>		<b>2 low</b>		<b>3 Medium</b>		<b>4 High</b>		<b>5 Very High</b>							