

AUTONOMIC NERVOUS SYSTEM ANATOMY

1	Course Title:	AUTONOMIC NERVOUS SYSTEM ANATOMY	
2	Course Code:	TAN6013	
3	Type of Course:	Optional	
4	Level of Course:	Third Cycle	
5	Year of Study:	1	
6	Semester:	1	
7	ECTS Credits Allocated:	2.00	
8	Theoretical (hour/week):	1.00	
9	Practice (hour/week):	0.00	
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:	-	
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:	The purpose of this course is to provide detailed knowledge on gross anatomy of the autonomic nervous system (ANS) at the master degree level. The aim of this course is also to prepare students, who will seek their career in the field of Neuroanatomy, with the skills of giving Bachelor's degree lectures on the subject matter.	
19	Contribution of the Course to Professional Development:	To evaluate the relationship of the autonomic nervous system with the organs.	
20	Learning Outcomes:		
		1	The student will be able to describe the anatomy of ANS and gross anatomical features of its component organs.
		2	The student will be able to identify the ANS organs with regard to their functions and roles in innervations of human body.
		3	The student will be able to demonstrate ANS organs and verbalize their main anatomical features in anatomical models.
		4	The student will be able to educate the Bachelor's degree students with this knowledge when needed.
		5	The student will be able to extend his/her knowledge to possible research projects on the subject matter.
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21	Course Content:		

	Course Content:			
Week	Theoretical	Practice		
1	General information about the autonomic nervous system			
2	General information about the formation of the autonomic nervous system			
3	General information about the parts of the autonomic nervous system			
4	General information about the formations in parts of the autonomic nervous system			
5	General information about the sympathetic nervous system I			
6	General information about the sympathetic nervous system II			
7	General information about the parasympathetic nervous system I			
8	General information about the parasympathetic nervous system II			
9	The autonomic innervations of the organs I			
10	The autonomic innervations of the organs II			
11	Anatomy of the hypothalamus			
12	Functions of the hypothalamus			
13	Dysfunction of the hypothalamus			
14	The autonomic nervous system diseases			
Activites		Number	Duration (hour)	Total Work Load (hour)
Theoretical		24	Anatomi. A. Çimen, 6th Edition, Uludağ University Press. Bursa. 1996. ISBN 975564023-1	14.00
Practicals/Labs		0		0.00
Self study and preperation		12	Volumes, (Turkish translation) 7th Edition, Beta Basım Yavım. Munchen. 2011. ISBN 9786053775010	12.00
Homeworks		0		0.00
Projects		0	U.S.A. Lippincott William & Wilkins, 2006.	0.00
Field Studies		0		0.00
Midterm Exams		0		0.00
TERM LEARNING ACTIVITIES		NUMBE	WEIGHT	0.00
Others		0		0.00
Written Exam		0	1.00	1.00
Final Exams		0	1.00	1.00
Total Work Load				57.00
Home work-project		0	1.00	1.90
Total work load/ 30 hr		1	100.00	
ECTS Credit of the Course				2.00
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.		
24	ECTS / WORK LOAD TABLE			

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