

Dersin Tanımı					
Adı	Kodu	Yarıyıl	T+U Saat	Kredi	AKTS
FİZYOLOJİK PSİKOLOJİ	PCG1210031	Bahar Dönemi	2+0	2	4
Ön Koşul Dersleri					
Önerilen Seçmeli Dersler					
Dersin Dili	İngilizce				
Dersin Seviyesi	Lisans				
Dersin Türü	Alan Eğitimi				
Dersin Koordinatörü	Dr.Öğr.Üye. Aslı Burçak TAŞÖREN				
Dersi Verenler	PCG.5				
Dersin Yardımcıları					
Dersin Amacı	The course addresses the biological basis of normal and abnormal behavior. The focus will be on the structure, chemistry and function of the nervous system. Neural mechanisms underlying behavior, cognition, and emotion.				
Dersin İçeriği	Bu ders; Human Genetics, Genetic variation. Phenotype, genotype, Gene mutation, Gene-environment interactions, range of reaction, geneticenvironmental correlation. Cells of the Nervous System. Neuron structure, Neuronal communicaton. Neurotransmitters and drugs, Parts of the Nervous System. Central nervous system (CNS) and the peripheral nervous system (PNS), The Brain and Spinal Cord, The two hemispheres, Forebrain structures. Lobes of the Brain, The limbic system, Mid-term Exam, Hormones and the endocrine system. The endocrine glands, Pineal gland. Thyroid gland, Hormones, brain and behaviour, Hormonal effects on neuronal activation. Human studies, Emotion and stress, Neuropathology of depression, anxiety, Biological bases of schizophrenia; konularını içermektedir.				
Dersin Öğrenme Çıktıları				Öğretim Yöntemleri	Ölçme Yöntemleri
The course addresses the biological basis of normal and abnormal behavior. The focus will be on the structure, chemistry and function of the nervous system. Neural mechanisms underlying behavior, cognition, and emotion.			1, 2, 3	A	
Öğretim Yöntemleri	1: Anlatım, 2: Soru - Cevap, 3: Tartışma				
Ölçme Yöntemleri	A: Yazılı sınav				
Ders Akışı					
Sıra	Konular	Ön Hazırlık			
1	Human Genetics, Genetic variation. Phenotype, genotype, Gene mutation				
2	Gene-environment interactions, range of reaction, geneticenvironmental correlation. Cells of the Nervous System. Neuron structure				
3	Neuronal communicaton. Neurotransmitters and drugs				
4	Parts of the Nervous System. Central nervous system (CNS) and the peripheral nervous system (PNS).				
5	The Brain and Spinal Cord.				
6	The two hemispheres, Forebrain structures. Lobes of the Brain.				
7	The limbic system.				
8	Mid-term Exam				
9	Hormones and the endocrine system. The endocrine glands				
10	Pineal gland. Thyroid gland				
11	Hormones, brain and behaviour.				
12	Hormonal effects on neuronal activation. Human studies.				
13	Emotion and stress.				
14	Neuropathology of depression, anxiety, Biological bases of schizophrenia				
Kaynaklar					
Dablec, J., Heller, M., Brozek, B., & LeDoux, J. (2014). The emotional brain revisited. Copernicus Center Press.					
Neave, N. (2007). Hormones and behavior. Cambridge University Press.					
Martin, G. N. (2003). Essential biological psychology. Routledge.					