



AYDIN ADNAN MENDERES UNIVERSITY COURSE INFORMATION FORM

Course Title		Biological Psychology							
Course Code		KPS528		Course Level		Second Cycle (Master's Degree)			
ECTS Credit	4	Workload	99 (Hours)	Theory	2	Practice	0	Laboratory	0
Objectives of the Course		Neuroanatomical, biological and genetic aspects of human behaviors, emotions and cognitive processes; structure and functioning of central nervous system and endocrine system							
Course Content		Relationship between psychology and physiology, psychophysiology techniques, hormones, stress, emotions, sleep and biological rhythm, reproductive behavior; nutrition related behaviors, learning and memory, human communication, neurological disorders, schizophrenia, affective disorders and anxiety, autistic disorders, attention deficit / hyperactivity							
Work Placement		N/A							
Planned Learning Activities and Teaching Methods				Explanation (Presentation), Discussion, 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	Beyin ve Nöropsikoloji: Temel ve Klinik Bilimler, Karakaş, S., İrkeç, C., Yüksel, N. (Ed.) Ankara: Çizgi Tıp Yayınevi, 2003.
2	Fizyolojik Psikoloji: Davranışın Nörolojik Temelleri, Neil R. Carlson, (Çev. Muzaffer Şahin), Nobel Yayın Dağıtım, Ankara, 2012
3	İnsan İlişkilerinin Nörobilimi: Bağlanma ve Sosyal Beynin Gelişimi, Louis Cozolino, Psikoterapi Enstitüsü Yay., 2014
4	Davranışsal Nörofizyolojiye Giriş, Öget Öktem, Nobel Yayın Dağıtım, Ankara, 2013
5	İnsan Fizyolojisi, Jonathan Stamford, Daniel McLaughlin, David White, (Çev. Abdurrahman Aktümsek), Nobel Yayın Dağıtım, Ankara, 2010

Week	Weekly Detailed Course Contents	
1	Theoretical	Relationship between Psychology and Physiology
2	Theoretical	Methods and Strategies of Physiological Psychology Research
3	Theoretical	Psychophysiology Techniques
4	Theoretical	Hormones
5	Theoretical	Stres
6	Theoretical	Emotions
7	Intermediate Exam	Midterm
8	Theoretical	Reproductive Behavior
9	Theoretical	Emotion
10	Theoretical	Nutritional Behavior
11	Theoretical	Learning and Memory
12	Theoretical	Human Communication
13	Theoretical	Neurological Disorders
14	Theoretical	Schizophrenia, Affective Disorders and Anxiety
15	Theoretical	Autistic Disorders, Attention Deficit / Hyperactivity

Workload Calculation

Activity	Quantity	Preparation	Duration	Total Workload
Lecture - Theory	25	2	1	75
Midterm Examination	1	10	2	12



Final Examination	1	10	2	12
Total Workload (Hours)				99
[Total Workload (Hours) / 25*] = ECTS				4
*25 hour workload is accepted as 1 ECTS				

Learning Outcomes

1	Learns the basic mechanisms of psychology and physiology interaction.
2	Explain physiological components in various psychological processes in general.
3	Knows the physiological processes behind different mental disorders in general.
4	Recognize neurophysiological measurement tools in general.
5	Knows the psychological effects of physiological processes.

Programme Outcomes (Clinical Psychology Master)

1	Use the basic concepts and theories in the field of clinical psychology when dealing with the individual.
2	Students will be able to practice prevention and evaluation of psychological problems and psychotherapy.
3	Students can look at clinical psychology from an interdisciplinary perspective.
4	Conduct scientific research about the emergence and handling of psychological problems.
5	Use objective and reflective psychology measurement tools, observation and interview techniques.
6	To be able to make psychological evaluation by using objective psychological measurement tools, observation and interview techniques and to report the findings of the evaluation.
7	Students will be able to apply psychotherapy according to the results of psychological evaluation.
8	Carry out studies on the protection of community mental health and prevention of problems.
9	Conduct interdisciplinary studies with other disciplines.
10	Has ethical sensitivity and responsibility in scientific research and application studies.
11	Meet mental health counseling needs of social institutions.
12	Develops professional identity sensitivity.

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	4	4	4
P2	4	4	4	4	4
P3	5	5	5	5	5
P4	5	5	5	5	5
P5	4	4	4	4	4
P6	4	4	4	4	4
P7	3	3	3	3	3
P8	4	4	4	4	4
P9	5	5	5	5	5
P10	5	5	5	5	5
P11	3	3	4	4	4
P12	4	4	4	4	4

