

# PHYSIOLOGICAL AND BIOLOGICAL FOUNDATIONS OF BEHAVIOR

1	Course Title:	PHYSIOLOGICAL AND BIOLOGICAL FOUNDATIONS OF BEHAVIOR	
2	Course Code:	PSI5103	
3	Type of Course:	Optional	
4	Level of Course:	Second Cycle	
5	Year of Study:	1	
6	Semester:	1	
7	ECTS Credits Allocated:	5.00	
8	Theoretical (hour/week):	3.00	
9	Practice (hour/week):	0.00	
10	Laboratory (hour/week):	0	
11	Prerequisites:	None	
12	Language:	Turkish	
13	Mode of Delivery:	Face to face	
14	Course Coordinator:	Doç. Dr. HANDAN CAN	
15	Course Lecturers:	Doç. Dr. Handan Can, Prof. Dr. Tevfik Alıcı	
16	Contact information of the Course Coordinator:	E-posta: handancan@uludag.edu.tr Oda tel: 0224-2941876 Adres:Uludağ Üniversitesi Fen Edebiyat Fakültesi Psikoloji Bölümü Görükle/Bursa	
17	Website:		
18	Objective of the Course:	The objective of this course is to make the students know physiological processes and biological structures underlying behavior, main assumptions related to this subject and neural system, its running and its relation with psychological processes.	
19	Contribution of the Course to Professional Development:		
20	Learning Outcomes:		
		1	To be able to define physiological and biological bases of behavior
		2	To be able indicate the relation between physiological and biological processes underlying behavior
		3	To be able to account for the neuron cell structure and its running mechanisms
		4	To be able to define the relation between the chemicals and drugs affecting neuronal transmission
		5	To be able to account for the structures of neural system
		6	To be able to account for the learning and memory
		7	To be able to account for the relation between sleep and physiological processes
		8	To be able to define physiological processes of psychopathologies
		9	To be able to make search at library and on internet in this field
		10	
21	Course Content:		
		<b>Course Content:</b>	
Week	Theoretical	Practice	

1	The foundations of physiological psychology	
2	The structure of neuron cell and its function	
3	Main characteristics of neural system	
4	Psychopharmacology; the effect of neurotransmitters and drugs over neural system	
5	Vision	
6	Hearing	
7	Sleep and biological rhythm	
8	Reproductive behavior and hormones	
9	Emotions	
10	Learning and memory	
11	Human communication	
12	Neurodegenerative diseases	
13	Psychotic disorders, schizophrenia, mood disorders, major depression	
14	Autism, ADHD, stress and substance addiction	

Activities		Number	Duration (hour)	Total Work Load (hour)
Theoretical		14	3.00	42.00
Practicals/Labs		0	0.00	0.00
Self Learning Activities		NUMBE	WEIGHT	
Homeworks		1	28.00	28.00
Midterm Exam	1	30.00		
Projects	0	0.00	0.00	0.00
Field Studies		0	0.00	0.00
Home work-project	1	10.00		
Midterm exams	1	3.00	3.00	
Final Exam	1	60.00		
Others		1	46.00	46.00
Total	3	100.00		
Final Exams		1	3.00	3.00
Contribution of Total Learning Activities to Success Grade		46.00		
Total Work Load				150.00
Total work load/ 30 hr				5.00
Contribution of Final Exam to Success Grade		60.00		
ECTS Credit of the Course				5.00
Total		100.00		

24	ECTS / WORK LOAD TABLE
----	------------------------

[illegible]

ÖK3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ÖK4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ÖK5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ÖK6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ÖK7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ÖK8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ÖK9	0	0	0	0	0	0	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			