

General information	Subject name, code and number of credits	PSYC 290 Psychophysiology, 3 credits (6 ECTS)	
	Department	Psychology	
	Program (Bachelor, Master)	Bachelors	
	Academic semester	Fall 2023	
	Teacher(s) teaching the subject	Kamala Aghayeva	
	Email:	kaghayevawall@gmail.com	
	Phone:		
	Lecture Room/Table		
	Counseling hours	30 minutes after classes	
Prerequisites	PSYC101		
Language of instruction	English		
Type of subject (compulsory, optional)	Compulsory		
Textbooks and additional literature	<ul style="list-style-type: none"> ➤ Cacioppo, J. T., Tassinary, L. G., & Berntson, G. G. (2007). Handbook of Psychophysiology (3rd ed.). Cambridge University Press. ➤ German Wikibooks. (2013). Cognitive Psychology and Cognitive Neuroscience. ➤ İsmayilov, N., & İsmayilov, F. (2008). Tibbi Psixalogiya və Psixoterapiya. ➤ Маклаков, А. (2019). Общая психология. ➤ Александров, Ю.И. (Ed.). (2014). Психофизиология. Учебник для вузов (4-е изд.). ➤ Sternberg, R. J., & Sternberg, K. (2009). Cognitive Psychology (6th ed.) with contributions of the Investigating Cognitive Psychology boxes by JEFF MIO. Oklahoma State University. ➤ Məmmədov, Y. C., Təqdisi, C. H., & İslamzadə, F. İ. (2004). Patoloji Fiziologiya. 		
Course website	Identifying the working groups and presenting the research and innovations to the group by distributing the topics.		
Teaching methods	Lecture	+	
	Group discussion	+	
	Practical tasks	+	
	Analysis of a practical issue	+	
Evaluation	Components	Date/deadline	Percentage (%)
	Midterm exam	8th week	30
	Activity	During the semester	10
	Tasks and tests	15th week	10

	Presentation/Group discussion	4-14th weeks	10
	Final exam	End of semester	40
	Conclusion		100
Activity	Come prepared to classes, be active during class, ask questions about the topic in discussions and make logical comments on the topic. It is important to respect the opinions of other group members, not to interrupt, listen carefully, ask questions and make comments.		
Evaluation criteria of the presentation	Presentations should be 12-15 minutes long. Information delivery, presentation content, presentation organization, audience engagement, and enthusiasm will be evaluated during the presentation.		
Course description	Presents the history of the science of psychophysiology, the relationship between biology and psychology, and the interaction between the body and psyche. It examines the methods of the science of psychophysiology, their advantages and disadvantages. The physiological bases of the main mental processes are presented. Characteristics of behavior in extreme situations are studied.		
Course objectives	It is the study of complex cognitive processes such as decision-making, memorization, perception of images, and analysis of practical examples.		
Results of teaching (learning).	Functional states (sleep stress, wakefulness), psychophysiology of emotions, psychophysiology of the adaptation process, psychophysiological and psychogenetic predictors of intelligence and motivation, psychophysiological bases of stress resistance and characteristics of behavior in extreme situations and its application in clinical (practical) practice.		
Regulations (Teaching Policy and Conduct)	The teaching of the topics will be carried out by the active participation of students and the questioning method, so that they can evaluate themselves and gain awareness, taking into account each new information in order to master what they have learned.		

Table (subject to change)

Week	History (planned)	Topics of the subject	Tutorial/Assignments
1.	15/09/2023	Introduction to the science of psychophysiology	Handbook of Psychophysiology (3rd edn). By J. T. Cacioppo, L. G. Tassinari and G. G. Berntson. Cambridge University Press. 2007.
2.	22/09/2023	Modern research methods of psychophysiology	Handbook of Psychophysiology (3rd edn). By J. T. Cacioppo, L. G. Tassinari and G. G. Berntson. Cambridge University Press. 2007.
3.	29/09/2023	Psychophysiology of the memory process I	Cognitive Psychology and Cognitive Neuroscience German Wikibooks 2013 pg 143-173
4.	06/10/2023	Psychophysiology of memory process II	Cognitive Psychology and Cognitive Neuroscience German

			Wikibooks 2013 pg 79-93
5.	13/10/2023	Psychophysiology of the intellectual process	Психофизиология. Учебник для вузов - под редакцией Ю.И.Александрова (4-е изд., 2014г)
6.	20/10/2023	Psychophysiology of emotions	Cognitive Psychology and Cognitive Neuroscience German Wikibooks 2013 pg 93-109
7.	27/10/2023	Psychophysiology of thought	Cognitive Psychology and Cognitive Neuroscience German Wikibooks 2013 pp. 63-79
8.	03/11/2023	Midterm	
9.	10/11/2023	Psychophysiology of the learning process. Psychophysiology of sleep and dreaming	Tibbi Psixalogiya və Psixoterapiya Nadir İsmayılov,Fuad.İsmayılov 2008, Visible Learning and the Science of How We Learn. John Hattie and Gregory CR Yates 2014 Cognitive Psychology and Cognitive Neuroscience German Wikibooks 2013 Tibbi Psixalogiya və Psixoterapiya Nadir İsmayılov,Fuad.İsmayılov 2008, səh
10.	17/11/2023	Psychophysiology of stress 1	Handbook of Psychophysiology (3rd edn). By J. T. Cacioppo, L. G. Tassinary and G. G. Berntson. Cambridge University Press. 2007. Tibbi Psixalogiya və Psixoterapiya Nadir İsmayılov,Fuad.İsmayılov 2008
11.	24/11/2023	Psychophysiology of stress 2	Handbook of Psychophysiology (3rd edn). By J. T. Cacioppo, L. G. Tassinary and G. G. Berntson. Cambridge University Press. 2007. Tibbi Psixalogiya və Psixoterapiya Nadir İsmayılov,Fuad.İsmayılov 2008,

12.	01/12/2023	Adaptation of the process psychophysiology	Психофизиология. Учебник для вузов - под редакцией Ю.И.Александрова (4-е изд., 2014г)
13.	08/12/2023	Rewarding and internal motivation 1	Психофизиология. Учебник для вузов - под редакцией Ю.И.Александрова (4-е изд., 2014г) Festinger ,L.- Carlsmith,J.M(1966)Cognitive consequences of forced compliance.The Journal of Personality &Social Psychology
14.	15/12/2023	Rewarding and internal motivation 2	Психофизиология. Учебник для вузов - под редакцией Ю.И.Александрова (4-е изд., 2014г) Festinger ,L.- Carlsmith,J.M(1966)Cognitive consequences of forced compliance. The Journal of Personality &Social Psychology
15.	22/12/2023	Quiz	Handbook of Psychophysiology (3rd edn). By J. T. Cacioppo, L. G. Tassinary and G. G. Berntson. Cambridge University Press. 2007. Психофизиология. Учебник для вузов - под редакцией Ю.И.Александрова (4-е изд., 2014г) Festinger ,L.- Carlsmith,J.M(1966)Cognitive consequences of forced compliance. The Journal of Personality &Social Psychology
16.		Final exam	