



Меѓународен Универзитет Визион - International Vision University
 Universiteti Ndërkombëtar Vizion - Uluslararası Vizyon Üniversitesi

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SYLLABUS

COURSE NAME	COURSE CODE	SEMESTER	COURSE LOAD	ECTS
PHYSIOLOGICAL PSYCHOLOGY	PSY1002	I	210	7

Prerequisite(s)	None
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Course Language	Macedonian, Turkish, English
Course Type	Required
Course Level	First Cycle
Course Lecturer	
Course Assistants	
Classroom	
Extra-Curricular Office Hours and Location	Meeting: Consultancy:

Course Objectives	To obtain scientific and in-depth knowledge of scientific achievements on the principles and mechanisms of functioning of individual organ systems, to acquaint students with the mechanism of regulation of physical and chemical processes in the human body. Such knowledge is a prerequisite for understanding the vocational subjects of the study program of psychology.
Course Contents	Concept and definition of physiology. Regulatory systems for maintaining internal homeostasis; Cell physiology; Physiology of the muscular system; The physiology of the nervous system. Neuron communication; Central nervous system; Peripheral nervous system; Big brain; Spinal cord; Extended brain; Midbrain; Cerebellum; The midbrain; Vegetative nervous system; Conditional reflexes; Sleep physiology; Sensory system; Endocrine system; Emotions, learning and memory.

WEEKLY SUBJECTS AND RELATED PREPARATION STUDIES

Week	Subjects	Related Preparation
1	Relationship between between psychology and physiology. Receptive organ, determinator organ, reactor organ.	Related Chapters of Course Sources
2	Organisation of central nervous system. Protecting structures of central nervous system.	Related Chapters of Course Sources
3	Peripheral nervous system. Spinal cord and cranial nerves.	Related Chapters of Course Sources
4	Brain. medulla, pons, midbrain.	Related Chapters of Course Sources
5	structural characteristics of brain. neurons, neural conduction	Related Chapters of Course Sources
6	Neural conduction and neural excitation	Related Chapters of Course Sources
7	Mid-term Exam	Related Chapters of Course Sources
8	Synaptic neurotransmission	Related Chapters of Course Sources
9	Developmental process of nervous system through life span-brain development in prenatal period	Related Chapters of Course Sources
10	Brain development in postpartum period and older brain	Related Chapters of Course Sources
11	Sensory systems-motor systems in nervous system	Related Chapters of Course Sources
12	4 lobes in brain and their functions	Related Chapters of Course Sources
13	Control of hormonal release by hypothalamic hypofiz	Related Chapters of Course Sources
14	General discussion	All Chapters of Course Sources
15	Exam	

ECTS / WORKLOAD TABLE

Presentation / Seminar			
Hours for off-the-classroom study (Pre-study, practice)	14	3	42
Midterm Exam	1	12	12
Midterm Exam	1	14	14
Total Work Load			
ECTS		7	

GENERAL PRINCIPLE RELATED WITH COURSE

Dear students,

In order to be included, learn and achieve full success that you deserve in the courses you need to come well prepared by reading the basic and secondary textbooks. We are expecting from you carefully to obey to the course hours, not to interrupt the lessons unless is very indispensable, to be an active participant on the courses, easily to communicate with the other professor and classmates, and to be interactive by participating to the class discussions. In case of unethical behavior both in courses or on exams, will be acting in framework of the relevant regulations. The attendance of the students will be checked in the beginning, in the middle or at the end of the lessons. Throughout the semester the students who attend to all lectures will be given 15 activity-attendance points in addition to their exam grades.

LITERATURE

COMPULSORY LITERATURE				
No	Author's Name	Name of the book	Publishing House	Publication Year
1	Nakşidil Torun Yazihan	Fizyolojik Psikoloji	Nobel Akademik Yayıncılık	2021
2	Razeena Karim Sherly Williams	PHYSIOLOGICAL PSYCHOLOGY	Notion Press	2018
3	Hasan Aktaş	Psikolojinin Fizyolojik Evreleri	Adam Kitabevi, İstanbul	2003

ADDITIONAL LITERATURE				
No	Author's Name	Name of the book	Publishing House	Publication Year
1	Marieb EN.	Essentials of Human Anatomy & Physiology	Pearson Benjamin Cummings	2010
2	Трајковски В.	Физиологија софункционална анатомија на човекот	Филозофски факултет,	2009
3	Elif Şengül	Fizyolojik Psikoloji	Adam Kitabevi, İstanbul	2000

EVALUATION SYSTEM

Underlying the Assessment Studies	NUMBER	PERCENTAGE OF GRADE
Attendance/Participation	15	%20
Project / Event	1	%10
Mid-Term Exam	1	%35
Mid-Term Exam	1	%35
TOTAL	17	%100

ETHICAL CODE OF THE UNIVERSITY

In case of the students are cheating or attempt to cheat on exams, and in the case of not to reference the sources used in seminar studies, assignments, projects and presentations, in accordance to the legislations of the Ministry of Education and Science of Republic of Macedonia and International Vision University, will be applied the relevant disciplinary rules. International Vision University students are expected never to attempt to this kind of behavior.