Faculty of Philosophy / PSYCHOLOGY / Psychology of Perception

Course:	Psychology of Perception			
Course ID	**Course status**	**Semester**	**ECTS credits**	**Lessons** (Lessons+Exercises+Laboratory)
4044	Mandatory	1	7	3+2+0
Programs	PSYCHOLOGY			
Prerequisites	No limits			
Aims	Acquiring knowledge about basic perceptual processes, familiarization with standard methodological and theoretical approaches to the problem of perception, understanding the philosophical dimension of the problem of perception, understanding the biological dimension of perceptual processes.			
Learning outcomes	After the student passes this exam, he/she will be able to: 1. Distinguishes the basic elements of sensory processes 2. Get to know the basic methodological procedures for measuring the sensitivity of the senses 3. Uses concepts and broader knowledge of neurophysiological processes that underlie perceptual processes 4. Uses and handles the explanations that follow from the basic theories of perception			
Lecturer / Teaching assistant	Nina Rajković			
Methodology	Lectures and tutorials			
Plan and program of work				
Preparing week	Preparation and registration of the semester			
I week lectures	Getting to know, preparing and enrolling for the semester Introduction to psychology. Subject of psychology. Psychological schools and directions (Structuralism, Behaviorism, Psychoanalysis).			
I week exercises	Introducing students to the rules of grading and scoring. A short introduction to the subject of psychology.			
II week lectures	Methods and techniques of psychological research. Observation. An experiment. Correlational research			
II week exercises	A short film about the methods and techniques of psychological research. Discussions on the topic: observation, an experiment and correlational research.			
III week lectures	Philosophical introduction. A history of epistemological issues. Basic domains: physical, neurophysiological and phenomenological. Quality of sensation. Millers law of specific nerve energy.			
III week exercises	Epistemological questions. The problem of quality and intensity.			
IV week lectures	Sensitivity indicators. Classical psychophysics. Webers and Fechners law. Psychophysical methods of limits, reproduction and frequency. Stevens neopsychophysics.			
IV week exercises	Webers and Fechners law. Gamma phi-hypothesis.			
V week lectures	Theory of information. Theory of signal detection. Senses. General characteristics of skin sensitivity and the pain perception.			
V week exercises	Psychophysical methods: limit method, reproduction method and frequency method. Graphical procedures for threshold calculation.			
VI week lectures	Thermoreception. Touch. Kinesthesia: joints and muscles. Sensitivity to static. Sensitivity to dynamics. Sense of taste. Sense of smell.			
VI week exercises	A brief overview of reproduction methods and frequencies - through experiments and a specially designed computer program.			
VII week lectures				
VII week exercises	Senses: sensitivity of the skin and sensitivity to statics and dynamics. Structure and function. Theories. Sense of smell.			
VIII week lectures	Sound. Structure of the sense of hearing. Nerve paths and centers. Theories of auditory sensitivity.			
VIII week exercises	Exam.			
IX week lectures	Light. Structure of the organ of vision. Nerve pathways. Visual cortex.			
IX week exercises	Sense of hearing: structure and function; theories and empirical studies of hearing. Going through the most common mistakes on the colloquium.			
X week lectures	Shape perception. Gestalt theory. Theory of isomorphism.			

X week exercises	Vision: structure and function. Theories of vision.
XI week lectures	Internal factors of perception.
XI week exercises	Theory of isomorphism and internal factors of perception. Itelson and Cantrills transactional theory.
XII week lectures	Transactional theory. Hebbs neurophysiological theory. Eye movements. Feature integration theory.
XII week exercises	Perception of space. Illusions.
XIII week lectures	Perception of space. Depth perception.
XIII week exercises	Perception of and density gradient theory.
XIV week lectures	Density gradient theory. Perception of time. Gibsons ecological theory. An overview of theories of perception
XIV week exercises	Exam.
XV week lectures	Recapitulation
XV week exercises	Recapitulation.
Student workload	

Per week	**Per semester**
7 credits x 40/30=9 hours and 20 minuts 3 sat(a) theoretical classes 0 sat(a) practical classes 2 excercises **4 hour(s) i 20 minuts** of independent work, including consultations	Classes and final exam: **9 hour(s) i 20 minuts x 16 =149 hour(s) i 20 minuts** Necessary preparation before the beginning of the semester (administration, registration, certification): **9 hour(s) i 20 minuts x 2 =18 hour(s) i 40 minuts** Total workload for the subject: **7 x 30=210 hour(s)** Additional work for exam preparation in the preparing exam period, including taking the remedial exam from 0 to 30 hours (remaining time from the first two items to the total load for the item) **42 hour(s) i 0 minuts** Workload structure: **149 hour(s) i 20 minuts (cources), 18 hour(s) i 40 minuts (preparation), 42 hour(s) i 0 minuts (additional work)**
Student obligations	Weekly 7 credits x 40/30 = 9 hours and 20 minutes Structure: 3 hours of lectures 2 hours of exercises 4 hours and 20 minutes of independent work, including consultations During the semester Classes and final exam: (9 hours and 20 minutes) x 16 = 149 hours and 20 minutes. Necessary preparations before the beginning of the semester (administration, registration, certification) 2 x (9 hours and 20 minutes) = 18 hours and 40 minutes. Total workload for the course 7 x 30 = 210 hours Additional work for exam preparation in the make-up exam period, including taking the make-up exam, amounts to 42 hours Load structure: 149 hours and 20 minutes. (Teaching) + 18 hours and 40 minutes (Preparation) + 42 hours (Supplementary work)
Consultations	At students convenience, non obligatory
Literature	Literatura: Predrag Ognjenović, Osećaj i mera, Glas, Beograd Predrag Ognjenović, Psihologija opažanja, Zavod za udžbenike i nastavna sredstva, Beograd Prateće prezentacije sa predavanja
Examination methods	Test
Special remarks	
Comment	

Grade:	F	E	D	C	B	A
Number of points	less than 50 points	greater than or equal to 50 points and less than 60 points	greater than or equal to 60 points and less than 70 points	greater than or equal to 70 points and less than 80 points	greater than or equal to 80 points and less than 90 points	greater than or equal to 90 points