

Global Learning Semesters

Course Syllabus

Course: PSY-521 Neuropsychology and Biological Basis of Behavior

Department: Social Sciences

Host Institution: University of Nicosia, Nicosia, Cyprus



Course Summary		
Course Code	Course Title	Recommended Credit Hours
PSY-521	Neuropsychology and Biological Basis of Behavior	3.7
Semester Offered	Contact Hours	Prerequisites
Spring	42	None
Department	Level of Course	Language of Instruction
Social Sciences	Upper Division	English

Course Description

The Development of Neuropsychology, Origins of the Human Brain and Behavior, Organization of the Nervous System, Communication between Neurons, The Influence of Drugs on Behavior, Imaging the Brain's Activity, Organization of the Sensory System, Organization of the Motor System, The Occipital Lobes, The Parietal Lobes, The Temporal Lobes, The Frontal Lobes, Disconnection Syndromes, Memory, The Origins of Language, Emotion, Attention, Mental Images, and Consciousness, Brain Development and Plasticity, Developmental Disorders, Plasticity, Recovery, and Rehabilitation of the Adult Brain. Neurological Disorders, Psychiatric and Related Disorders, Neuropsychological Assessment

Instructor

Marios Constantinou, Ph.D

Course Aims and Objectives

This course is a survey of neuropsychology and physiological psychology. It will explore brain-behavior relationships, familiarize students with neuropsychological assessment, present intermediate neuroanatomy, present current and past research on neurobiology and neuropsychology, and consolidate the aforementioned areas with an applied project.

Teaching Methods

Lectures, discussions, lab works, assigned readings, demonstrations, projects, & video films.

Course Teaching Hours

42 hours. The course is delivered during the Spring semester in 14-weeks (3 hours/week).

Evaluation and Grading

3 tests: 20% each = 60%
Final Exam: 20%
Final project: 20%

Readings and Resources

Required Textbooks

Fundamentals of Human Neuropsychology by Kolb, Wishaw, Bryan Kolb, Ian Q. Wishaw. Hardcover: 763 pages ; Dimensions (in inches): 1.44 x 10.48 x 7.98 Publisher: Worth Publishers Inc; 5th edition (March 1, 2003) ISBN: 0716753006