



Course Syllabus

Course Code	Course Title	ECTS Credits
PSY-370	Physiological Psychology	6
Prerequisites	Department	Semester
PSY-110, PSY-111, PSY-230A	Social Sciences	Spring
Type of Course	Field	Language of Instruction
Elective	Psychology	English
Level of Course	Lecturer(s)	Year of Study
1 st Cycle	Marios Constantinou, Ph.D.	3 rd
Mode of Delivery	Work Placement	Co-requisites
Face-to-Face	N/A	None

Course Objectives:

The main objectives of the course are to:

- demonstrate how various functions such as movement, emotion, cognition and language are linked to brain functions
- Introduce the students to the field of psychopharmacology and how substances affect our brains and bodies
- Discuss how the brain may malfunction and result in various disorders
- Discuss the issue of drug abuse and the complicated factors associated with it such as biology, personality, social context.

Learning Outcomes:

After completion of the course students are expected to be able to:

1. Appreciate how the brain functioning is related to everyday behaviors and the research that is being done in this field
2. Appreciate how movement is controlled by the brain and spinal cord

3. Appreciate how learning and memory takes place from the perspective of the brain and identify the major brain structures involved
4. Assess how emotional behaviors are controlled by the brain and identify the major structures that underlie them
5. Appreciate the function of language from a biological view and explain concepts related to it, such as lateralization
6. Identify the major issues associated with the area of psychopharmacology and why a magic pill is not available at the moment.
7. Appreciate how malfunctioning of the brain can lead to various dysfunctions in behavior
8. Demonstrate understanding of how psychological disorders are linked to different brain areas
9. Discuss the major categories of substances that are being abused and the major effects that they exert on our physiology
10. Explain the basic concepts that pertain to drug abuse and addiction

Course Content:

1. Research in Neuroscience
2. Movement
3. The biology of emotion
4. Learning and memory
5. Human communication
6. Psychopharmacology
7. Neurological Disorders
8. Schizophrenia and Affective Disorders
9. Anxiety disorders, Autistic disorders and Stress disorders
10. Drug Abuse

Learning Activities and Teaching Methods:

Lectures, Assignments, video clips, class discussions, bibliography

Assessment Methods:

Attendance & Participation; Midterm Exam, Paper, Final Exam

Required Textbooks / Readings:

Title	Author(s)	Publisher	Year	ISBN
Biological Psychology	Kalat, James, W.	Wadsworth – Cengage Learning	2018	ISBN-10: 1337408204 ISBN-13: 978-1337408202
Physiology of Behavior	Neil R. Carlson	Pearson	2013	978-020-523-9399