
BRAIN AND BEHAVIOR in Fall 2020 (PY2055)

Course Code	PY2055	Professor(s)	Maria Medved
Prerequisites	None	Office Number	PL203
Class Schedule	M: 12:40-14:15 in PL-3 R: 18:10-19:45 in PL-3	Office Hours	Thursdays 12h30 to 13h30
Credits	4	Email	mmedved@aup.edu
Semester	Fall 2020	Office Tel. Ext.	829

Course Description

This course provides students with knowledge of the central nervous system of humans and an understanding of its contributions to various psychological functions. One emphasis will be on applying this knowledge to various diseases, disorders, and injuries. A further focus will be on how individuals who are affected understand their neurological changes and how they cope with them. Topics covered include the mechanisms of basic neurological functioning such as emotion, consciousness, memory, language and cognition.

Course Learning Outcomes

Identify basic neuroanatomical structures and systems.

Understand functional relationships between neurological structures/systems and psychological functioning

Become familiar with various neuropsychological profiles of people with selected diseases, disorders, injuries and developmental disabilities

General Education

Course Outline

CLASS SCHEDULE:

Topics subject to modification depending on class requests and need.

September

Week I – 23rd – 25th

TOPICS: Introduction and Overview

Week II – 28th – 2nd

TOPICS: Neuroanatomy I

READINGS: Carter: The Brain and the Body

September 30th – last day to drop/add courses online

October

Week III – 5th – 9th

TOPICS: Neuroanatomy II

READINGS: Carter: Brain Neuroanatomy

Week IV – 12th – 16th

TOPICS: Movement and Control

READINGS: Carter: Movement and Control

Week V – 19th – 23rd

TOPICS: Language and Communication

READINGS: Carter: Language and Communication

Week VI – 26th – 30th

TOPIC: Review

Test One (Oct 29)

November

Week VII – 2nd – 6th

TOPICS: Memory

READINGS: Carter: Memory

Week VII – 9th- 13

TOPIC: The Brain in Context

November 11th to 13th, fall break (no classes)

Week VIII – 16th- 20th

TOPICS: Development and Aging

READINGS: Carter: Development and Aging

Week IX – 23rd – 27th

TOPIC: Brain Evolution: Field Visit (if possible)

November 27th, last day to withdraw from a course

last day to choose credit/no credit option

Week X - 30th – 4th

TOPICS: Consciousness

READINGS: Carter: Consciousness

December

Week XI – 7th – 11th

TOPIC: Thinking

READINGS: Carter: Thinking

December 11th, last day of classes,

December 12th - 15th, reading days

Final Exam: Dec 21 at 17:30

Textbooks

Title	Author	Publisher	ISBN	Required
The Brain Book (2019 edition)	Rita Carter	DK Publishing - Not available at	9780241302255	Yes

Attendance Policy

Students studying at The American University of Paris are expected to attend ALL scheduled classes, and in case of absence, should contact their professors to explain the situation. It is the student's responsibility to be aware of any specific attendance policy that a faculty member might have set in the course syllabus. The French Department, for example, has its own attendance policy, and students are responsible for compliance. Academic Affairs will excuse an absence for students' participation in study trips related to their courses.

Attendance at all exams is mandatory.

IN ALL CASES OF MISSED COURSE MEETINGS, THE RESPONSIBILITY FOR COMMUNICATION WITH THE PROFESSOR, AND FOR ARRANGING TO MAKE UP MISSED WORK, RESTS SOLELY WITH THE STUDENT.

Whether an absence is excused or not is ALWAYS up to the discretion of the professor or the department. Unexcused absences can result in a low or failing participation grade. In the case of excessive absences, it is up to the professor or the department to decide if the student will receive an "F" for the course. An instructor may recommend that a student withdraw, if absences have made it impossible to continue in the course at a satisfactory level.

Students must be mindful of this policy when making their travel arrangements, and especially during the Drop/Add and Exam Periods.

Grading Policy

Two Tests (2 x 20%) = 40%

Neuroanatomy Presentation = 20%

Participation = 10%

Flipped Class Projects = 40%

Other
