

31219 - Neuropsychology

Syllabus Information

Academic Year: 2022/23

Subject: 31219 - Neuropsychology

Faculty / School: 301 - Facultad de Ciencias Sociales y Humanas

Degree: 613 - Degree in Psychology

ECTS: 6.0

Year: 2

Semester: Second semester

Subject Type: Compulsory

Module:

1. General information

1.1. Aims of the course

The course of Neuropsychology is a basic subject that belongs to the subject Foundations of Behavioral Biology (Biology). It focuses on the relationship between behavior and brain mainly.

The Sustainable Development Goals (SDGs; <https://sdgs.un.org/goals>) of this subject are: (3) Good Health and Well-being, (4) Quality Education, (10) Reducing Inequality.

1.2. Context and importance of this course in the degree

In the general description of the Degree in Psychology at the University of Zaragoza, it is mentioned "the student of Psychology has to achieve the scientific knowledge necessary to understand, interpret, analyze and explain the human behavior". Individuals are biopsychosocial beings, and therefore, we must integrate biological, psychological, and social factors to understand human behavior. Within this context, the course of Neuropsychology contributes to the knowledge, understanding, and explanation of the biological factor of human behavior. In this subject, the student will have the opportunity to acquire the basic and necessary knowledge to understand, in later subjects, the brain mechanisms underlying human behavior, psychological processes, and disorders.

1.3. Recommendations to take this course

It is recommended to have: basic knowledge of biology acquired during the high school degree in health sciences; knowledge about the Foundations of Behavioral Biology acquired during the previous courses related with this subject.

It is essential to follow the course in the Moodle platform and use the institutional email account for communications with the teaching staff.

It is recommended to attend sessions regularly.

2. Learning goals

3. Assessment (1st and 2nd call)

3.1. Assessment tasks (description of tasks, marking system and assessment criteria)

The students will demonstrate that they have achieved the expected learning outcomes through the following activities:

1. Continuous work (50% weighting, up to 5 points). The resulting grade may be derived from the completion of questionnaires, oral tests, practice reports, individual or group work, among other activities that will be determined on the Moodle platform. This grade will represent 50% of the final grade.

2. Assessment in the official calls (50% weighting, up to 5 points). The resulting grade may be derived from the completion of multiple-choice questions. This grade will represent 50% of the final grade.

A minimum grade of 2,2 points in section 2 (that is: 50% weighting of the assessment in the official calls 1st and 2nd) is required to opt for a final grade resulting from the sum of sections 1 and 2 within the same academic year.

Also, the student can opt for the overall assessment in the official calls (100% weighting, up to 10 points)

Note: Methodology and assessment of this course is prepared to be the same in any teaching scenario. They will be adjusted to the socio-sanitary conditions of each moment, as well as to the indications given by the competent authorities.

For more information, consult the Regulation of Learning Assessment Standards of the University of Zaragoza: http://www.unizar.es/sg/doc/6.1.Evaluaciondefinitivodia24_001.pdf.

4. Methodology, learning tasks, syllabus and resources

4.1. Methodological overview

The methodology followed in this course is oriented towards achievement of the learning objectives based on lectures and practice sessions.

4.2. Learning tasks

Lectures (3 ECTS credits, 30 hours)

Other learning activities (3 ECTS credits, 30 hours): case studies and problem sets; reports; oral presentations; tutorials; assessment.

4.3. Syllabus

Concept, goals, methods and techniques

Introduction to rehabilitation and recovery of neuropsychological functions

Brain pathology

Neuropsychology of recognition

Neuropsychology of attention

Neuropsychology of memory

Neuropsychology of language

Neuropsychology of praxical function

Neuropsychology of the frontal lobe

4.4. Course planning and calendar

The overall planning of the course corresponds to the following student dedication: 60 attendance hours; 90 hours of autonomous work and study.

Further information concerning the timetable, classroom, office hours, assessment dates and other details regarding this course, please, refer to the "Facultad de Ciencias Sociales y Humanas" website (<http://fcsch.unizar.es/>) and Moodle (<http://fyl.unizar.es>, <https://moodle2.unizar.es>). The office hours of attention to tutoring can be consulted in the directory (<https://directorio.unizar.es>).

4.5. Bibliography and recommended resources

<http://psfunizar10.unizar.es/br13/egAsignaturas.php?codigo=31219>