

## 61884 - Neuropsychology and clinical psychopharmacology

### Syllabus Information

**Academic year:** 2024/25

**Subject:** 61884 - Neuropsychology and clinical psychopharmacology

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

**Degree:** 654 - Master's in General Sanitary Psychology

**ECTS:** 6.0

**Year:** 1

**Semester:** Second semester

**Subject type:** Compulsory

**Module:**

### 1. General information

This course aims to deepen in the bases that relate human behavior with brain functioning and to delve into the relationship between brain, cognition, behavior and psychopharmacological treatments. It provides the student with the necessary knowledge to identify and assess the deficits associated with an alteration in brain functioning and the desired and undesired effects of psychotropic drugs. The student will have the necessary tools to be able to work in a multidisciplinary context that seeks to establish an action plan focused on the identification of difficulties in mental function and behavior of neurological and neurochemical etiology, in order to improve the quality of life of the affected person through evaluation and intervention. The ability to search, evaluate and elaborate information will be important.

### 2. Learning results

- The student has a deep understanding of the psychological nature of human behavior, as well as the social and biological factors that can affect it.
- The student has an in-depth knowledge of the biological bases of human behavior.
- The student recognizes the importance of the interrelation of psychological, sociocultural and biological factors in the integrated understanding of human behavior.
- The student knows and identifies the biological and psychosocial factors associated with health and disease problems, especially those related to mental health.
- The student recognizes the consequences and effects of biological and psychosocial factors, especially those related to mental health.
- The student identifies resources that can increase protective factors as well as those that can decrease risk factors related to mental health.
- The student is able to put into practice a concept of integral health, where the biopsychosocial components of health are included, according to the guidelines established by the WHO.
- The student is able to identify the different explanatory models of health and disease from the biopsychosocial perspective.
- Recognize the risk and protective factors involved in health from an integral perspective.
- Identify the specific aspects associated with health throughout the life cycle and be able to apply this concept in the different areas of general health psychology.

### 3. Syllabus

Block 1. Clinical neuropsychology

- Introduction and basic concepts of clinical neuropsychology
- Syndromes of neuropsychological dysfunction
- Assessment and intervention strategies

Block 2. Clinical psychopharmacology

- Introduction and basic concepts of psychopharmacology
- Basic psychopharmacology

### 4. Academic activities

The program offered to the student to help him/her achieve the expected results includes the following activities:

1. expository classes
2. Analysis and resolution of practical cases and problems
3. Information search and cooperative work

4. Reading of articles or documents related to the content of the course
5. Oral presentations by the students

## **5. Assessment system**

The student must demonstrate that he/she has achieved the expected learning outcomes through the following evaluation activities:

- Written test (grade from 0 to 10) on theoretical and practical content. The grade will account for 60% of the final grade. The test may contain multiple choice questions, short questions or questions to be developed.
- Continuous work (grade from 0 to 10). The grade will be 40% of the final grade. The resulting grades may be derived (to be decided by the faculty at the beginning of the course) from the delivery of practice reports, preparation of individual and/or group work, oral presentations, among other activities to be determined by those responsible for the course.

Students must achieve at least half of the maximum possible score in each of the parts in order to be able to add them up.

In any case, students will have the right to a global evaluation on all the contents of the course in which they will be able to opt for the maximum grade (up to 10 points). This evaluation will take place in the official final exam and consists of a written test with multiple choice and/or short answer questions that refer to the theoretical and practical-applied contents of the subject.

## **6. Sustainable Development Goals**

- 3 - Good Health & Well-Being
- 4 - Quality Education
- 10 - Reduction of Inequalities