

31213 - Physiological Psychology

Syllabus Information

Academic year: 2024/25

Subject: 31213 - Physiological Psychology

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

Degree: 613 - Degree in Psychology

ECTS: 6.0

Year: 2

Semester: First semester

Subject type: Compulsory

Module:

1. General information

The subject belongs to Biological Foundations of Behaviour, in which the biological bases of behaviour are presented. It focuses on the contents of Physiological Psychology and Psychosomatization, without losing the reference that Neuroscience provides on the anatomofunctional bases of regions involved in the behavioural and cognitive processes on which it focuses.

It is recommended to have passed the related subjects that are scheduled to be taken previously in this degree (Fundamentals of Psychobiology and Fundamentals of Neuroscience).

2. Learning results

- Discriminate the field of study of Biopsychology and its disciplines; identifying the research interests common to Psychology and Neurosciences.
- Identify and differentiate the main methods and techniques of Biopsychology.
- Interpret the results of the application of methods and techniques in Biopsychology in psychological studies and argue their advantages
- Identify the location and functioning mechanisms of the main macro and microstructures of the nervous system relevant to the explanation of behaviour in psychology.
- Identify, differentiate and argue the relationship between the structural and functional elements of the nervous system and healthy and pathological behaviour.
- Select the main documentary sources of Biopsychology to complete and update knowledge in Psychology.
- Discriminate and adequately use the terminology of Biopsychology in the explanation of behaviours

3. Syllabus

Sleep and biological rhythms.

Ingestion.

Sexual and parental behaviour.

Emotion, aggressive behaviour and stress.

Learning and memory.

Biological basis of psychopathological disorders.

Neuroscience of addictive behaviour.

4. Academic activities

Theoretical lectures/master classes: 30 hours

Practical activities: 30 hours

- Analysis of case studies and problems
- Guided academic activities
- Presentation of works

5. Assessment system

The student demonstrates achievement of the intended learning results through the following assessment activities:

1. **Exercises** during academic activities in class (up to 30% of the grade, up to 3 points out of 10). It will consist of the completion of questionnaires, practice reports, resolution of cases and individual and/or group work. These exercises will be carried out throughout the semester.

2. **Final test.** It will consist of an objective test (up to 70% of the grade, up to 7 points out of 10). Format of the exam: multiple-choice questions, 3 alternatives (correction formula: $[(A-E/n-1))/\text{no. questions}] \times 10$), to be taken at the official final call for exams.

The final grade will be reached by adding the grade obtained in part 1. Exercises and in part 2. Final test. There is not a minimum grade to be achieved in each of the parts.

If there is any activity related to the subject on the campus, its realization may be proposed and a report on it may be requested and evaluated with up to 0.5 points out of 10. In case this activity exists, it will be reported to the students as one of the activities performed in class.

The student will have the right, in any case, to be evaluated in the official final exam test of 100% of the subject (up to 10 points).

6. Sustainable Development Goals

3 - Good Health & Well-Being

4 - Quality Education

10 - Reduction of Inequalities