

## 31202 - Attention and Perception Psychology

### Syllabus Information

**Academic year:** 2024/25

**Subject:** 31202 - Attention and Perception Psychology

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

**Degree:** 613 - Degree in Psychology

**ECTS:** 6.0

**Year:** 1

**Semester:** First semester

**Subject type:** Basic Education

**Module:**

### 1. General information

The **general objective** of the subject will be to provide students with the knowledge of the psychological processes that explain how external physical energy is perceived, transformed and encoded into internal information in our nervous system and how these perceptual and attentional processes influence and interact in the behaviour of human beings.

### 2. Learning results

- To integrate the knowledge of the Psychology of Attention and Perception with basic knowledge acquired in the Baccalaureate.
- To use in a precise way the language of Psychology in general and of the Psychology of Attention and Perception in particular.
- To understand and explain the dysfunctional and pathological aspects of behaviour and those related to the knowledge of the Psychology of Attention and Perception.
- To develop explanations of the observed behavior based on the perceived and attended stimuli.
- To design studies following the scientific method to collect data and test different explanatory hypotheses of human behavior.
- To work as a team and collaborate in the solution of practical cases and experimental work.
- To present in a clear and concise way the different theories of the Psychology of Attention and Perception.
- To properly express the limits of the subject of study pertaining to human Attention and Perception.
- To contrast the information coming from experimental data with that presented by the different psychological theories of Attention and Perception.

### 3. Syllabus

#### **Block I. Perception**

Unit 1. Introduction to perception

Unit 2. The visual system

Unit 3. Perceiving objects and scenes

Unit 4. Perceiving motion

Unit 5. Perceiving color

Unit 6. Perceiving depth and size

Unit 7. The auditory system

Unit 8. The cutaneous senses

Unit 9. The chemical senses

#### **Block II. Attention**

Unit 10. Introduction to attention

Unit 11. Attention and information processing

Unit 12. Experimental paradigms

Unit 13. The neurofunctional architecture of the attentional system

### 4. Academic activities

**Lectures:** the teacher will present the contents of each topic of the subject through the use of audiovisual materials.

**Practical problem-solving activities:** the student will work actively, and in groups, on practical materials proposed by the teacher, reinforcing the concepts explained in the lectures.

**Self-teaching work:** the student, autonomously, will dedicate time to study and personal work.

#### **Assessment tests**

## 5. Assessment system

### Continuous assessment:

- **Practical part (40%):** 10 practices  
Problem-solving group work on practical knowledge.
  - Evaluated by means of group reports and/or individual multiple-choice exams.

### Final test (official exam):

- **Theoretical part (60%):** Block I (40%) and Block II (20%)  
Multiple-choice exams on theoretical contents.
  - In order for Block I and Block II to be averaged, it will be necessary to obtain a 4 out of 10 in both.
- **Practical part (40%):**
  - Multiple-choice exam and/or short questions on the practices seen in the subject.
  - If the student has passed by continuous evaluation (5 out of 10), this part is optional.

\*In order to pass the subject it will be necessary to pass the theoretical and practical parts separately (5 out of 10).

\*All multiple-choice exams will have 3 alternatives and will be corrected as follows:  $\text{Note} = \frac{\text{right answers} - \text{Errors}}{2}$ .

\*All the students will have the right to a global evaluation of all the contents of the subject in which they will be able to opt for the highest grade (official exams).

## 6. Sustainable Development Goals

3 - Good Health & Well-Being

4 - Quality Education

8 - Decent Work and Economic Growth