

1. BASIC INFORMATION

Course	Sensation, perception and attention
Degree program	Bachelor's degree in psychology
School	Faculty of Health Sciences
Year	1
ECTS	6
Credit type	Compulsory
Language(s)	Spanish / English
Delivery mode	On campus / Virtual
Semester	2
Academic year	2025-2026
Coordinating professor	Aina Luque García

2. PRESENTATION

The subject Sensation, Perception, and Attention is a compulsory course within the Psychology degree program, consisting of a total of 6 ECTS credits. For most students, it represents their first exposure to the cognitive mechanisms and processes that people use to adapt to their surroundings. In addition, the course aims to introduce students to the scientific methodology applied in solving psychological problems, as well as the various procedures used in this field.

The learning outcomes achieved in this course complement those of other core subjects in the psychology curriculum, such as Psychology of Learning, Memory and learning processes, Psychology of Language, and Motivation and Emotion.

Sensation, Perception, and Attention explores the sensory and perceptual processes involved in acquiring information from the environment, as well as the attentional functions responsible for selecting specific information, regulating mental and behavioral activity, and achieving and maintaining alertness.

This foundational knowledge is essential for understanding other psychological processes relevant to applied areas of psychology, including those related to health and social behavior.

3. LEARNING OUTCOMES

Knowledge

KNO11. Be able to identify differences, problems and needs, as well as a professional approach to them.

Competences

CP03. Be capable of describing and measuring variables (personality, intelligence and other aptitudes, attitudes, etc.) and cognitive, emotional, psychobiological and behavioural processes.

CDC02. Transmit messages (ideas, concepts, feelings, arguments), both orally and in writing, strategically aligning the interests of the different stakeholders involved in the communication in the academic and professional environment.

CDC06. Integrate analysis with critical thinking in a process of evaluating different ideas or professional possibilities and their potential for error, based on evidence and objective data leading to effective and valid decision-making.

LEARNING OUTCOMES

- This subject offers an integrated perspective of the processes of sensation, perception and attention.
- Students will learn the basic mechanisms and laws of sensory, perceptual and attentional processes and the biological basis of these processes.

4. CONTENT

- The sensory process.
- Physiological basis of sensation.
- The perceptual process.
- Physiological basis of perception
- Basic visual processing: colour, brightness and contrast.
- Visual perception of shape, size, depth and movement.
- Auditory perception.
- The attentional process.
- Types of attention: selective attention, divided attention, vigilance.
- Physiological basis of attention.

5. TEACHING-LEARNING METHODOLOGIES

The types of teaching-learning methodologies used are indicated below:

- Master class
- Students's presentations
- Practical training
- Problem-based learning (PBL)

6. LEARNING ACTIVITIES

Listed below are the types of learning activities and the number of hours the student will spend on each one:

Campus-based mode:

Learning activity	Number of hours
Practical exercises	10
Formative evaluation (feedback of evaluation tests)	5
Research	15
Lectures	45
Problem solving	20
Face-to-face Tutoring	5
Autonomous work	50
TOTAL	150

Virtual mode:

Learning activity	Number of hours
Webinar	40
Formative evaluation (feedback of evaluation tests) via webconference	10
Problem solving	20
Virtual tutoring	5
Online forums	10
Research activities (scientific / case studies) and projects	15
Autonomous work	50
TOTAL	150

7. ASSESSMENT

Listed below are the assessment systems used and the weight each one carries towards the final course grade:

Campus-based mode:

Assessment system	Weight
Case analysis and problem-solving	10%
Reports and written work	10%
Student practical training report	10%

Laboratory practices	10%
Face-to-face Knowledge test	60%

Virtual mode:

Assessment system	Weight
Case analysis and problem-solving	10%
Reports and writings	10%
Student practical training report	10%
Virtual laboratory practices	10%
Virtual Knowledge test	60%

When you access the course on the *Campus Virtual*, you'll find a description of the assessment activities you have to complete, as well as the delivery deadline and assessment procedure for each one.

7.1. Ordinary call period

Campus-based mode:

To pass the course in the Ordinary call period you must obtain a grade greater than or equal to 5,0 out of 10,0 in each of the assessment systems of the course.

If cases of plagiarism are detected in any of the activities delivered, the grade will be **0** and this activity will be suspended during the Ordinary call period. **Late delivery of activities is not allowed either (it will be evaluated with a "0"), except in duly justified cases.** These activities must be recovered in Extraordinary call period, applying rules of the assessment period.

Finally, to pass the course in the Ordinary Exam period, **a minimum of 50% of class attendance is required.**

Absence excuses do not imply the elimination of such absences in any case.

The European University of Valencia establishes the continuous assessment as a system of evaluation of knowledge, Skills and basic, general, cross-disciplinary and specific Competencies of the qualification of "Bachelor's Degree in Psychology", in accordance with the provisions of the Regulations for the evaluation of Bachelor's Degrees. In this regard and for the purposes of the consumption of calls the student must be aware that, if he/she presents any assessment system provided in the Learning Guide, in the Ordinary Exam period the student will have a global grade of the course, thus consuming call for entries.

Virtual mode:

To pass the Subject in Ordinary call period you must obtain a grade greater than or equal to 5,0 out of 10,0 in the final grade (weighted average) of the course.

In any case, it will be necessary to obtain a grade greater than or equal to 5.0 in the final test, so that it can be averaged with the rest of the activities.

If cases of plagiarism are detected in any of the activities submitted, the grade will be **0** and this activity will be suspended during the Ordinary call period. **Late delivery of activities is not allowed either (it will be evaluated with a "0"), except in duly justified cases.** These activities must be recovered in Extraordinary call period, applying the same rules in that call for entries.

The European University of Valencia establishes the continuous assessment as a system of evaluation of knowledge, Skills and basic, general, cross-disciplinary and specific Competencies of the qualification of "Bachelor's Degree in Psychology", in accordance with the provisions of the Regulations for the evaluation of Bachelor's Degrees. In this regard, and for the purposes of the consumption of entries, the student must be aware that, if he/she presents any assessment system provided in the Learning Guide, in the Ordinary call period the student will have an overall grade for the course, thus consuming a call for entries.

7.2. Extraordinary call period

Campus-based mode:

To pass the course during the Extraordinary call period you must obtain a grade higher than or equal to 5,0 out of 10,0 in each of the Assessment systems of the course.

Activities not passed in the Ordinary call period must be handed in, after having received the corresponding corrections from the teacher, or those that were not handed in.

The European University of Valencia establishes the continuous assessment as a system of evaluation of knowledge, Skills and basic, general, cross-disciplinary and specific Competencies of the qualification of "Bachelor's Degree in Psychology", in accordance with the provisions of the Regulations for the evaluation of Bachelor's Degrees. In this regard and for the purposes of the consumption of calls the student must be aware that in the Extraordinary callperiod will be the Objective Test of Knowledge (POC) which determines whether or not consumes call for entries and in the exceptional case that only has pending to overcome assessment system/s other than the POC, it will be considered NP if it does not present it/s and will obtain numerical grade if it presents at least one of them.

Virtual mode:

To pass the Subject in Extraordinary call period you must obtain a grade greater than or equal to 5,0 out of 10,0 in the final grade (weighted average) of the course.

In any case, it will be necessary to obtain a grade greater than or equal to 5,0 in the final test, so that it can be averaged with the rest of the activities.

Activities not passed in the Ordinary call period must be handed in, after having received the corresponding corrections from the teacher, or those that were not handed in.

The European University of Valencia establishes the continuous assessment as a system of evaluation of knowledge, Skills and basic, general, cross-disciplinary and specific Competencies of the qualification of "Bachelor's Degree in Psychology", in accordance with the provisions of the Regulation of evaluation of the Bachelor's Degrees. In this regard and for the purposes of the consumption of entries the student must be aware that in the Extraordinary exam period will be the Objective Test of Knowledge (POC) which determines whether or not consumes call for entries and in the exceptional case that only has

pending to overcome assessment system/s other than the POC, will be considered NP if not presented and will obtain a numerical grade if you present at least one of them.

8. SCHEDULE

This table shows the delivery deadline for each assessable activity in the course:

Campus-based mode:

Assessable activities	Deadline
Case analysis and problem-solving	November 3rd to 7th
Reports and written work	December 1st
Student practical training report	Decembert 1st
Laboratory practices	September 29th to October 3rd
Face-to-face Knowledge test	Date set by the university based on the academic calendar.

Virtual mode:

Assessable activities	Deadline
Case analysis and problem-solving	17/11/2025
Reports and writings	15/12/2025
Student practical training report	19/01/2026
Virtual laboratory practices	03/02/2026
Virtual Knowledge test	Date set by the university based on the academic calendar.

This schedule may be subject to changes for logistical reasons relating to the activities. The student will be notified of any change as and when appropriate.

9. BIBLIOGRAPHY

The main reference work for this subject are:

- Goldstein, E. B., y Cacciamani, L. (2021). *Sensation and perception*. Cengage Learning
- Goldstein, E., y Cacciamani, L. (2025). *Sensación y percepción*. Sanz y Torres

- Goldstein, E. B., Nuñez Ramos, A., & Peralta Rosales, L. (2011). *Sensación y percepción: E. Bruce Goldstein* (8a. ed.--.). México D. F.: Cengage Learning.
- Purves, D., Augustine, G. J., Fitzpatrick, D., Hall, W. C., & Lamantia, A. S. (2007). *Neurociencia*. Editorial médica panamericana.
- Roselló i Mir, J. (1998). *Psicología de la atención*. Editorial Pirámide.

The recommended Bibliography is:

- Styles, E. (2006). *The psychology of attention*. Psychology Press.
- Prat, O. F. (2008). Contenido, sensación y percepción (Content, Sensation and Perception). *Crítica: revista hispanoamericana de filosofía*, 37-65.
- Echegoyen Blanco, I., & Sánchez-Izquierdo Alonso, M. (2021). *Memoria, Atención y Percepción*.

10. EDUCATIONAL GUIDANCE, DIVERSITY AND INCLUSION UNIT

From the Educational Guidance, Diversity and Inclusion Unit we offer support to our students throughout their university life to help them reach their academic achievements. Other main actions are the students inclusions with specific educational needs, universal accessibility on the different campuses of the university and equal opportunities.

From this unit we offer to our students:

1. Accompaniment and follow-up by means of counselling and personalized plans for students who need to improve their academic performance.
2. In terms of attention to diversity, non-significant curricular adjustments are made in terms of methodology and assessment for those students with specific educational needs, pursuing an equal opportunities for all students.
3. We offer students different extracurricular resources to develop different competences that will encourage their personal and professional development.
4. Vocational guidance through the provision of tools and counselling to students with vocational doubts or who believe they have made a mistake in their choice of degree.

Students in need of educational support can write to us at:

orientacioneducativa.uev@universidadeuropea.es

11. ONLINE SURVEYS

Your opinion matters!

The Universidad Europea encourages you to participate in several surveys which help identify the strengths and areas we need to improve regarding professors, degree programs and the teaching-learning process.

The surveys will be made available in the “surveys” section in virtual campus or via e-mail.

Your assessment is necessary for us to improve.

Thank you very much for your participation.