



Universidad de Jaén

Faculty of Human Sciences and Education

Physiological Psychology

2024-2025
Grado en Psicología



CREA



Acceso Mayores 40

Guías docentes UJA

Horarios de tutorías

Llamamientos PAU

Movilidad (Coordinador)

P.O.D.

Solicitud bilingüismo

Syllabus 2024-25 - 12611009 - Physiological Psychology (Psicología fisiológica)

Caption

- Level 1: Tutorial support sessions, materials and exams in this language
- Level 2: Tutorial support sessions, materials, exams and seminars in this language
- Level 3: Tutorial support sessions, materials, exams, seminars and regular lectures in this language

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Full version (Spanish)

English

DEGREE:

Grado en Psicología

FACULTY:

FACULTY OF HUMAN SCIENCES AND EDUCATION

ACADEMIC YEAR:

2024-25

COURSE:

Physiological Psychology

SYLLABUS

1. COURSE BASIC INFORMATION

NAME: Physiological Psychology

CODE: 12611009

ACADEMIC YEAR: 2024-25

LANGUAGE: English

LEVEL: 1

ECTS CREDITS: 6.0

YEAR: 2

SEMESTER: PC

2. LECTURER BASIC INFORMATION

NAME: TORRE VACAS, M^a LOURDES DE LA

DEPARTMENT: U126 - PSICOLOGÍA

FIELD OF STUDY: 725 - PSICOBIOLOGÍA

OFFICE NO.: C5 - 107

E-MAIL: mltorre@ujaen.es

P: 953213459

WEBSITE: <http://www4.ujaen.es/~mltorre>ORCID: <https://orcid.org/0000-0002-2686-4953>

LANGUAGE: -

LEVEL: 1

3. CONTENT DESCRIPTION

Topics: 1. Conceptual introduction to Physiological Psychology; 2. Techniques of Physiological Psychology; 3. Pain as a somatosensory process; 3. Neurobiology of vision and hearing. Physiological bases of motor behavior; 4. Psychobiology of nutrition and hydromineral regulation. Sleep-wake processes. Biological bases of basic processes of associative and non-associative learning. Psychobiology of learning and human memory.

4. COURSE DESCRIPTION AND TEACHING METHODOLOGY

The most used methodology will be the expository class in large group.

The classes in small groups will generate 3-4 activities (initiation to preclinical research in the field of Psychobiology: development of simple experimental designs, bibliographic search of scientific texts in the field of neuroscience, comprehensive reading of these texts, preparation of oral and written communications).

For more information on the development of activities in the different possible teaching scenarios (multimodal or mixed, or not face-to-face), which will depend on the health conditions prevailing in the teaching period of the subject, see the final sections of the guide.

Students with special educational needs should contact the Student Attention Service (Servicio de Atención y Ayudas al Estudiante) in order to receive the appropriate academic support

5. ASSESSMENT METHODOLOGY

The evaluation of the theoretical contents will consist of several continuous evaluation exams and/or a final exam. The assessment of the theoretical content will have a maximum score of 7 points. This activity aims to achieve mainly the next learning outcomes: R06 and R09.

Attendance, especially in small group classes, and the active participation, both in small and large group classes, will be taken into consideration and valued to a maximum of 0.5 points.

The realization and defence of the programmed activities will have a maximum value of 2.5. By mean of these activities it is pretended to evaluate mainly the next learning outcomes: R02, R03, R04 and R05.

In any case, in order to add the punctuation obtained from the programmed activities and the participation of the student (maximum 3 points), is mandatory to reach an equal or higher punctuation than 3.1 (of 7, wich is the maximum) in the theoretical exam.

The punctuation obtained from the programmed activities and the participation of the student (maximum 3 points) will be save for the next academic year if the student requests it.

Will not be necessary overcome the programmed activities (though its realization has a mandatory character except justified causes) to sit for the final theotetical exam whose maximum value is 7 point (for the first ordinary call).

However, in extraordinary calls, the student will have the option to be evaluated both, of the theoretical and of the practical contents, so that he / she could get the maximum punctuation, 10 points.

6. BOOKLIST ([Access the bibliography in the Library catalog](#))

MAIN BOOKLIST:

- Physiology of behavior. Edition: 9th ed. Author: Carlson, Neil R.. Publisher: Boston: Pearson A&B, cop. 2007 ([Library](#))

ADDITIONAL BOOKLIST:

- Learning and memory : from brain to behavior. Edition: 3rd ed.. Author: Gluck, Mark A.. Publisher: New York : Worth Publishers, cop. 2016 ([Library](#))
- An Introduction to brain and behavior. Edition: 5th ed.. Author: Kolb, Bryan. Publisher: New York : Worth Publishers, cop. 2016 ([Library](#))

7. SUSTAINABLE DEVELOPMENT GOALS

Salud y bienestar

DETAILED INFORMATION

The contents of this subject deal with the main neurophysiological processes of the body, and the factors that can interfere with their optimal development. This information can be very useful for the prevention of various diseases (obesity, cardiovascular problems, chronic pain, sleep disorders, dementia, etc.), and/or for alleviating their physical and psychological effects, thus contributing to promoting mental health and well-being of people.

8. VIRTUAL / CLASSROOM TEACHING SCENARIO

In the multimodal or mixed teaching scenario, large group teaching and practice group teaching will take place in a non-face-to-face and semi-face-to-face mode, every other week. In the semi-attendance week, the attendance will range between 15 and 25%, depending on the number of students enrolled and the assigned teaching classroom, whenever sanitary conditions allow it.

Formation Activities	Blended week	Teaching methodology Description
Class in large group	Presence up to 50%. Periodic rotation of students	Participatory master classes, one hour each, held in the classroom and broadcast by videoconference to the rest of the group, if the infrastructure allows it.
Small group practical classes	Presence up to 50%. Periodic rotation of students	Development of practical sessions, lasting one hour, in the classroom.
Tutoring	Face-to-face + <i>Online</i>	Some tutoring sessions will be done in person and others online

Ordinary call

Evaluation test	Format (face-to-face / online synchronous or asynchronous)	Description	Percentage

The evaluation of the theoretical contents may consist of taking several continuous evaluation exams and / or a final exam.	In person and / or through telematic means (depending on sanitary and infrastructure conditions).	Mastery of the theoretical, operational and / or practical knowledge of the subject	70%
Attendance, participation and / or oral presentation and involvement in discussion forums, theory classes and / or activities	Face-to-face if sanitary and infrastructure conditions allow. On line in virtual activities	Observation, note taking, interviews and / or monitoring sheets by the teacher	5%
Delivery of scheduled activities, in the time provided for them, correctly resolved.	On line (synchronous and asynchronous)	Review and evaluation, according to objective criteria, of the works and / or activities presented (oral and / or written)	25%

Extraordinary call

Evaluation test	Format (face-to-face / online synchronous or asynchronous)	Description	Percentage
Exam	In person and / or through telematic means (depending on sanitary and infrastructure conditions).	Mastery of the theoretical, operational and / or practical knowledge of the subject	70%
Attendance, participation and / or oral presentation and involvement in discussion forums, theory classes and / or activities	Face-to-face if sanitary and infrastructure conditions allow. On line in virtual activities	Observation, note taking, interviews and / or monitoring sheets by the teacher	5%
Delivery of scheduled activities, in the time provided for them, correctly resolved.	On line (synchronous and asynchronous)	Review and evaluation, according to objective criteria, of the works and / or activities presented (oral and / or written)	25%

* In extraordinary calls 1 and / or 2, the student who has not carried out the self-training activities (practical activities), or expressly renounces the grade they may have obtained in them, will have a global exam where they can obtain the maximum rating (10). In this global exam, to the questions with a more theoretical content (exam out of 7, the same as the one carried out by the students who do carry out the activities and take their scores), questions from the content developed in the self-training activities will be added, which will be worth 3 points, which will complete the final grade of 10.

9. VIRTUAL TEACHING SCENARIO

In the case of a non-classroom setting, all activities, both large group and small group, such as tutoring, will be carried out online, synchronously and asynchronously.

DATA PROTECTION CLAUSE (on line exams)

Institution in charge of data processing: Universidad de Jaén, Campus Las Lagunillas, s/n, 23071 Jaén

Data Protection Delegate: dpo@ujaen.es

Purpose: In accordance with the Universities Law and other national and regional regulations in force, carrying out exams and assessment tests corresponding to the courses students are registered in. In order to avoid frauds while sitting the exam, the exam will be answered using a videoconference system, being able the academic staff of the University of Jaén to compare and contrast the image of the person who is answering the exam with the student's photographic files. Likewise, in order to provide the exam with evidential content for revisions or claims, in accordance with current regulation frameworks, the exam will be recorded and stored.

Legitimacy: compliance with legal obligations (Universities Law) and other national and regional regulations currently in force.

Addressees: service providers who are the owners of the platforms where the exams are carried out and with whom the University of Jaén has signed the corresponding data access contracts.

Storage periods: those established in current in force regulations. In the specific case of exam videoconference recordings, not before the examination records and transcripts are closed or the exam can still be reviewed or challenged.

Rights: you can exercise your right of access, amendment, cancellation, opposition, suppression, limitation and portability by sending a letter to the postal or electronic address indicated above. In the event that you consider that your rights have been violated, you may submit a complaint to the Andalusian Council for Transparency and Data Protection www.ctpdandalucia.es

CLASS RECORDING CLAUSE PERSONAL DATA PROTECTION

Person in charge: Universidad de Jaén, Paraje Las Lagunillas, s/n; Tel.953 212121; www.ujaen.es

Data protection delegate (DPO): TELEFÓNICA, S.A.U. ; Email: dpo@ujaen.es

Procedure aim: To manage proper recordings of teaching sessions with the aim of facilitating learning process under a multimodal and/or online teaching

Period for record storage: Images will be kept during legal term according to regulations in force

Legitimacy: Data will be managed according to legal regulations (Organic Law 6/2001, December 21, on Universities) and given consent provided by selecting corresponding box in legal admission documents

Data recipients (transfers or assignments): Any person allowed to get access to every teaching modality

Rights: You may exercise your rights of access, rectification, cancellation, portability, limitation of processing, deletion or, where appropriate, opposition. To exercise these rights, you must submit a written request to the Information, Registration and Electronic Administration Service of the University of Jaen at the address above, or by e-mail to the address above. You must specify which of these rights you are requesting to be satisfied and, at the same time, you must attach a photocopy of your ID card or equivalent identification document. In case you act through a representative, legal or voluntary, you must also provide a document that proves this representation and identification. Likewise, if you consider that your right to personal data protection has been violated, you may file a complaint with the Andalusian Data Protection and Transparency Council www.ctpdandalucia.es

Campus Las Lagunillas s/n | 23071 - Jaén

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