



Information about the subject

Degree: Bachelor of Science Degree in Speech and Language Therapy

Faculty: Faculty of Psychology

Code: 1172017 **Name:** Clinical Neuropsychology

Credits: 6,00 **ECTS Year:** The course is not offered this academic year **Semester:**

Module: Optatives

Subject Matter: Neuropsychology **Type:** Elective

Field of knowledge: Ciencias de la Salud

Department: -

Type of learning: Classroom-based learning

Languages in which it is taught:

Lecturer/-s:



Module organization

Optatives

Subject Matter	ECTS	Subject	ECTS	Year/semester
Audiology	18,00	Audiological assessment	6,00	This elective is not offered in the academic year 23/24
		Introduction to Audiology	6,00	This elective is not offered in the academic year 23/24
		Medical Audiology	6,00	This elective is not offered in the academic year 23/24
Neuropsychology	18,00	-Biology of human behavior	6,00	This elective is not offered in the academic year 23/24
		Clinical Neuropsychology	6,00	This elective is not offered in the academic year 23/24
		Psychogerontology	6,00	This elective is not offered in the academic year 23/24
Clinical Linguistics	18,00	Acoustic Phonetics	6,00	This elective is not offered in the academic year 23/24
		Bilingualism and speech and language therapy	6,00	This elective is not offered in the academic year 23/24



Clinical Linguistics		Methods of language analysis applied to speech and language therapy	6,00	
Work techniques	18,00	Documentation in health sciences	6,00	This elective is not offered in the academic year 23/24
		Methodologies of professional skills for communication I	6,00	
		Methodologies of professional skills for communication II	6,00	
Educational processes and contexts	18,00	Design and assessment of educational action plans	6,00	This elective is not offered in the academic year 23/24
		Didactics and educational innovation	6,00	This elective is not offered in the academic year 23/24
		Educational fundamentals and school organisation	6,00	This elective is not offered in the academic year 23/24
		Teaching-Learning Processes in the Classroom: Techniques and Tools	6,00	This elective is not offered in the academic year 23/24
Sign Language	18,00	Communication systems for the deafblind	6,00	This elective is not offered in the academic year 23/24
		Spanish Sign Language I	6,00	0/1



Sign Language		Spanish Sign Language II	6,00	This elective is not offered in the academic year 23/24
		Spanish Sign Language III	6,00	This elective is not offered in the academic year 23/24
Psychology	18,00	Clinical psychopathology and of health in children and adolescents	6,00	
		Psychopathology in adults	6,00	
		Psychopathology in children and adolescents	6,00	

Recommended knowledge

Have completed "Fundamentals of Neuroscience".

Learning outcomes

At the end of the course, the student must be able to prove that he/she has acquired the following learning outcomes:

- R1 To know the interactions between the nervous system and cellular communication and their relationships with human behavior
- R2 To know and relate the nervous system macroanatomy with its function and some physiological characteristics
- R3 To know and relate the nervous system macroanatomy with its function and some physiological characteristics
- R4 To write formally correct, concise, rigorous and well-informed reports, documents, contents... in the neuropsychological field, using an adequate terminology



Competencies

Depending on the learning outcomes, the competencies to which the subject contributes are (please score from 1 to 4, being 4 the highest score):

SPECIFIC		Weighting			
		1	2	3	4
CE2	Understand and integrate the psychological foundations of Speech: language development, psychological development, Neuropsychology of language, basic processes and Psycholinguistics				X
CE37	Master the terminology that allows one to interact effectively with other professionals				X

TRANSVERSAL		Weighting			
		1	2	3	4
CT7	Having an open and flexible attitude to lifelong learning				X



Assessment system for the acquisition of competencies and grading system

Assessed learning outcomes	Granted percentage	Assessment method
R1, R2, R3	50,00%	Written exam
R4	40,00%	Practical work assignments assessment
	10,00%	Attendance and participation of in-person formative activities

Observations

Minimum requirements:

The final mark is the weighted average of the different grades. Two conditions are necessary for the average to be calculated:

- The student must reach the final mark of 5 in the subject exam.
- The student must hand in the practical exercises of the course. Students must respect the deadlines that will be communicated in class and published on the platform.

Learning activities

The following methodologies will be used so that the students can achieve the learning outcomes of the subject:

M1	On-Campus Class
M2	Practical Class
M3	Seminar
M4	Laboratory
M5	Individual Work



- M6 Group Work
- M7 Work Exhibition
- M8 Clinical Case Analysis
- M9 Prácticas en clínicas y centros



IN-CLASS LEARNING ACTIVITIES

	LEARNING OUTCOMES	HOURS	ECTS
ON-CAMPUS CLASS. Teacher presentation of contents, analysis of competences, explanation and in-class display of skills, abilities and knowledge M1, M2, M5, M6, M7, M8	R1, R2, R3	30,00	1,20
PRACTICAL CLASSES. Group work sessions supervised by the professor. Case studies, diagnostic tests, problems, field work, computer room, visits, data search, libraries, on-line, Internet, etc. Meaningful construction of knowledge through interaction and student activity M1, M2, M5, M6, M8	R2, R3, R4	10,00	0,40
GROUP WORK EXHIBITION. Application of multidisciplinary knowledge M2, M6, M7	R2, R3	5,00	0,20
OFFICE ASSISTANCE. Personalized and small group attention. Period of instruction and/or orientation carried out by a tutor to review and discuss materials and topics presented in classes, seminars, papers, etc. M1, M2, M8	R1, R2, R3, R4	7,00	0,28
ASSESSMENT. Set of oral and/or written tests used in initial, formative or additive assessment of the student M1	R1, R2, R3, R4	8,00	0,32
TOTAL		60,00	2,40



LEARNING ACTIVITIES OF AUTONOMOUS WORK

	LEARNING OUTCOMES	HOURS	ECTS
GROUP WORK. Group preparation of readings, essays, problem solving, seminars, papers, reports, etc. to be presented or submitted in theoretical lectures, practical and/or small-group tutoring sessions. Work done on the university e-learning platform M2, M6, M7, M8	R1, R2, R3, R4	35,00	1,40
INDEPENDENT WORK. Student study: Individual preparation of readings, essays, problem solving, seminars, papers, reports, etc. to be presented or submitted in theoretical lectures, practical and/or small-group tutoring sessions. Work done on the university e-learning platform M1, M2, M5, M6, M8	R1, R2, R3, R4	55,00	2,20
TOTAL		90,00	3,60



Description of the contents

Description of the necessary contents to acquire the learning outcomes.

Theoretical contents:

Content block	Contents
Content block 1	DU 1. Historical development and concept of Neuropsychology. DU 2. Methods and techniques in Neuropsychology DU 3. Brain asymmetry DU 4. Brain pathology
Content block 2	DU 5. Memory and amnesias DU 6. Language and its alterations. DU 7. Agnosias DU 8. Apraxias DU 9. Frontal lobe and its dysfunctions
Content block 3	DU 10. Child neuropsychology DU 11. Aging, dementias and other neurodegenerative processes DU 12. Neuropsychological rehabilitation

Temporary organization of learning:

Block of content	Number of sessions	Hours
Content block 1	8,00	16,00
Content block 2	12,00	24,00
Content block 3	10,00	20,00



References

BASIC BIBLIOGRAPHY

- Junqué C. y Barroso J. (2009). Manual de Neuropsicología. Madrid: Síntesis.
- Portellano, J.A. (2005). Introducción a la Neuropsicología. Madrid: McGrawHill.
- Tirapu-Ustárriz, J., Ríos-Lago, M. y Maestú-Unturbe, F. (2011). Manual de Neuropsicología. Barcelona: Viguera (2a Edición).
- Triviño, M., Arnedo, M., Bembibre, J. (coord.) (2020). Neuropsicología a través de casos clínicos. Evaluación y rehabilitación (2ª ed.). Madrid: Médica-Panamericana.
- Kolb, Bryan, Whishaw, Ian Q. (2017). Neuropsicología humana. (7ª edición). Madrid: Editorial Médica Panamericana.

ADDITIONAL BIBLIOGRAPHY

- Arnedo, M. (Coord) (2013). Neuropsicología: Casos prácticos. Madrid: Medica-Panamericana
- Bruna, O et al. (2011). Rehabilitación neuropsicológica. Intervención y práctica diaria. Barcelona: Elsevier Masson.
- Clark, D., Boutros, N. y Méndez, M. (2012). Neuroanatomía para psicólogos. México D.F.: El Manual Moderno.
- Deus Yela, J., Devi Bastida, J. y Sainz Pelayo, MP. (2018). Neuropsicología de la enfermedad de Alzheimer. Madrid: Síntesis.
- Perea, M.V., Ladera, V. y Echeandía, C. (2001) Neuropsicología: libro de trabajo. Salamanca: Amaru Ediciones.
- Portellano, J.A. (Coord.)(2003). Neuropsicología infantil. Madrid: Fundación MAPFRE.
- Portellano, J.A. y García, J. (2012). Neuropsicología de la atención, las funciones ejecutivas y la memoria. Madrid: Síntesis.
- Rains, G.D. (2003). Principios de Neuropsicología Humana. México: McGraw-Hill.



Addendum to the Course Guide of the Subject

Due to the exceptional situation caused by the health crisis of the COVID-19 and taking into account the security measures related to the development of the educational activity in the Higher Education Institution teaching area, the following changes have been made in the guide of the subject to ensure that Students achieve their learning outcomes of the Subject.

Situation 1: Teaching without limited capacity (when the number of enrolled students is lower than the allowed capacity in classroom, according to the security measures taken).

In this case, no changes are made in the guide of the subject.

Situation 2: Teaching with limited capacity (when the number of enrolled students is higher than the allowed capacity in classroom, according to the security measures taken).

In this case, the following changes are made:

1. Educational Activities of Onsite Work:

All the foreseen activities to be developed in the classroom as indicated in this field of the guide of the subject will be made through a simultaneous teaching method combining onsite teaching in the classroom and synchronous online teaching. Students will be able to attend classes onsite or to attend them online through the telematic tools provided by the university (videoconferences). In any case, students who attend classes onsite and who attend them by videoconference will rotate periodically.

In the particular case of this subject, these videoconferences will be made through:

☐

Microsoft Teams

☐

Kaltura



Situation 3: Confinement due to a new State of Alarm.

In this case, the following changes are made:

1. Educational Activities of Onsite Work:

All the foreseen activities to be developed in the classroom as indicated in this field of the guide of the subject, as well as the group and personalized tutoring, will be done with the telematic tools provided by the University, through:

☒ Microsoft Teams

☒ Kaltura

Explanation about the practical sessions:



2. System for Assessing the Acquisition of the competences and Assessment System

ONSITE WORK

Regarding the Assessment Tools:

☒ The Assessment Tools will not be modified. If onsite assessment is not possible, it will be done online through the UCVnet Campus.

☐ The following changes will be made to adapt the subject's assessment to the online teaching.

Course guide		Adaptation	
Assessment tool	Allocated percentage	Description of the suggested changes	Platform to be used

The other Assessment Tools will not be modified with regards to what is indicated in the Course Guide.

Comments to the Assessment System: