



Information about the subject

Degree: Bachelor of Science Degree in Psychology

Faculty: Faculty of Psychology

Code: 292022 **Name:** -Clinical Neuropsychology

Credits: 6,00 **ECTS Year:** 4 **Semester:** 1

Module: OPTIONAL

Subject Matter: Health psychology **Type:** Elective

Field of knowledge: Ciencias de la salud

Department: -

Type of learning: Classroom-based learning / Online

Languages in which it is taught: Spanish

Lecturer/-s:

OPP25

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Module organization

OPTIONAL

Subject Matter	ECTS	Subject	ECTS	Year/semester
Health psychology	84,00	-Clinical Neuropsychology	6,00	4/1
		-Disorders of Eating Behavior	6,00	3, 4/1
		-Health Psychology	6,00	3, 4/1
		-Legal Psychology	6,00	4/1
		-Main Models of Intervention in Psychotherapy	6,00	This elective is not offered in the academic year 23/24
		Mediation and familiar orientation	6,00	3, 4/1
		-New Directions in Psychotherapy	6,00	This elective is not offered in the academic year 23/24
		-Prevention and Treatment of Addictive Behavior	6,00	3/1
		-Psychogerontology	6,00	3/1
		-Psychology of the Chronic Disease and of Rehabilitation	6,00	This elective is not offered in the academic year 23/24
		-Psychology, Grieving and Palliative Care	6,00	4/1
		-Psychopharmacology	6,00	4/1



Health psychology		Sleeping disorders	6,00	4/1
		-Therapy Techniques and Behavior Modification	6,00	This elective is not offered in the academic year 23/24
Transversal psychology	42,00	Anthropology of the Person and Health	6,00	This elective is not offered in the academic year 23/24
		Basic Social and Emotional Skills for Professional Practice of Psychology	6,00	This elective is not offered in the academic year 23/24
		History and Philosophy of the Family	6,00	This elective is not offered in the academic year 23/24
		-Psychology of Religion	6,00	This elective is not offered in the academic year 23/24
		Psychology, and Information and Communication Technologies	6,00	This elective is not offered in the academic year 23/24
		-Qualitative Research Methodology	6,00	This elective is not offered in the academic year 23/24
		Scientific English II	6,00	This elective is not offered in the academic year 23/24
Educational psychology	48,00	-Affective Linkages in the Life Cycle	6,00	This elective is not offered in the academic year 23/24



Educational psychology		Development of Cognitive Skills	6,00	This elective is not offered in the academic year 23/24
		Education for Interculturality	6,00	This elective is not offered in the academic year 23/24
		Educational Intervention for Students with Special Educational Needs	6,00	This elective is not offered in the academic year 23/24
		-Occupational Guidance	6,00	This elective is not offered in the academic year 23/24
		Preventive Intervention and Early Stimulation	6,00	This elective is not offered in the academic year 23/24
		-School Psychology	6,00	2/1
		Strategies and Tools for Effective Learning	6,00	This elective is not offered in the academic year 23/24
Psychology of work and human resources	42,00	-Cooperative Work in Interdisciplinary Teams	6,00	This elective is not offered in the academic year 23/24
		-Intervention Techniques in Human Resources	6,00	This elective is not offered in the academic year 23/24
		Interview and Psychological Counselling	6,00	This elective is not offered in the academic year 23/24



Psychology of work and human resources		Management of the Work Climate in Organisations	6,00	3/1
		Mediation and Intervention in Family Businesses	6,00	This elective is not offered in the academic year 23/24
		-Negotiation and Conflict Resolution	6,00	4/1
		-Psychology of Communication	6,00	2/1
Community psychology and social intervention	54,00	Family and Aid to Dependency	6,00	2/1
		Intervention and Organisation of Socio-cultural Events	6,00	This elective is not offered in the academic year 23/24
		-Psychology of Conflict and Violence	6,00	2/1
		-Psychology of Criminality	6,00	3/1
		-Psychology of Physical Activity and Sport	6,00	2/1
		-Psychology of Social Intervention	6,00	This elective is not offered in the academic year 23/24
		-Psychology of the Media	6,00	This elective is not offered in the academic year 23/24
		Psychosocial Intervention in Disasters and Emergencies	6,00	3/1



Community psychology and social intervention		-Social Support Theory and Strategies	6,00	This elective is not offered in the academic year 23/24
Speech therapy psychology	30,00	Acquisition and Development of Language	6,00	This elective is not offered in the academic year 23/24
		Assessment of Language, Speech and Voice	6,00	0/1
		-Language and Hearing Disorders	6,00	This elective is not offered in the academic year 23/24
		Linguistic Analysis of Language Disorders	6,00	This elective is not offered in the academic year 23/24
		-Speech and Voice Disorders	6,00	This elective is not offered in the academic year 23/24

Recommended knowledge

It is recommended to have taken the subjects of Fundamentals of Neuroscience, Behavioral Biology and Psychophysiology

Prerequisites

El alumno deberá cursar un mínimo de 30 ECTS de Optatividad, entre las asignaturas activadas en el curso académico.



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 Knowing the concepts, theories and main models of psychology in the area of Clinical Psychology and Health Psychology.
- R2 Being able to design psychological prevention plans that are adequate to the specific demands presented in each area based on the learned theoretical models.
- R3 Being able to design psychological prevention plans in the different contexts of the health field.
- R4 Knowing and acquiring the necessary skills for the adequate management of therapeutic relationships.



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):

BASIC		Weighting			
		1	2	3	4
CB1	Students must show that they have and understand knowledge in a field of study that is based on general secondary education on a level that, although supported by advanced textbooks, includes also some aspects that involve knowledge belonging to the vanguard of their field of study.		X		
CB2	Students can apply their knowledge to their work or vocation in a professional manner and possess the skills typically demonstrated through devising and sustaining arguments and solving problems within their field of study.		X		
CB3	Students have the ability to gather and interpret relevant data usually within their field of study to inform judgments that include reflection on relevant social, scientific or ethical.		X		
CB4	Students can communicate information, ideas, problems and solutions to both specialist and non-specialist.			X	
SPECIFIC		Weighting			
		1	2	3	4
CE1	Analyzing needs and requests of addressee functions in different contexts.		X		
CE2	Establishing psychological action goals in different contexts, proposing and negotiating the goals with addressees.		X		
CE3	Planning and carrying out interviews.				X
CE4	Analyzing and measuring variables (personality, intelligence and other aptitudes) and cognitive, emotional, psychobiological and behavioral processes .				X
CE5	Identifying differences, problems and needs.				X



CE6	Diagnosing following professional principles.				X
CE7	Analyzing and assessing interaction processes, group dynamics and group and inter-group structures.		X		
CE8	Identifying group and inter-group problems and needs.		X		
CE9	Analyzing and assessing interaction processes, organizational and inter-organizational dynamics and structure.	X			
CE12	Selecting and correctly using tools, products and services and identifying those people and group concerned.				X
CE15	Defining objectives and devising action plans according to action goals. (prevention, treatment, rehabilitation, insertion, support).				X
CE16	Choosing adequate psychological intervention techniques.				X
CE17	Mastering strategies and techniques to get addressees involved.		X		
CE18	Putting into practice direct intervention strategies and methods: psychological advice, therapy, negotiation mediation...				X
CE21	Planning programmes and intervention assessment.				X
CE23	Analyzing and collecting important data for intervention assessments.				X
CE24	Analyzing and interpreting assessment results.				X
CE25	To be able to measure and to collect relevant data for the evaluation of the interventions			X	
CE26	Writing oral and written reports.				X
CE27	Knowing and adapting to the psychology code of ethics.				X
CE34	To know different evaluation methods, psychological diagnoses and treatments in different applied domains of Psychology.				X
TRANSVERSAL		Weighting			
		1	2	3	4
CT1	Capacity to analyze and synthesize.			X	



CT2	Capacity to organize and plan.	x			
CT3	Mastering Spanish oral and written communication.			x	
CT6	Capacity to manage information (capacity to look for and analyze information coming from different types of sources)		x		
CT7	Problem solving.	x			
CT8	Decision making.	x			
CT9	Capacity to work in team.		x		
CT10	Capacity to work in interdisciplinary teams.		x		
CT12	Interpersonal skills.			x	
CT14	Critical capacity.		x		
CT15	Ethics.	x			
CT17	Capacity to adapt to new situations.		x		
CT24	Taking responsibility		x		
CT25	Self-criticism ability: being able to critically assess one's performance.		x		
CT27	Capacity to express feelings.		x		
CT29	Interpreting other's intentions.		x		
CT34	Professional relationships: being able to build and maintain relationships with other professionals and important organizations		x		
CT36	Being able to collect information using different kinds of sources.			x	
CT37	Being able to collect information from other people.				x



Assessment system for the acquisition of competencies and grading system

In-class teaching

Assessed learning outcomes	Granted percentage	Assessment method
R1, R2, R3, R4	60,00%	Oral and/or written tests employed in initial, training and/or summative student assessment.
R2, R3, R4	10,00%	Presentation of practical activities.
R1, R2, R3, R4	20,00%	Attendance and active participation: lessons, group assignments and tutoring sessions. It will be monitored and registered by the teacher.
R2, R3, R4	10,00%	Oral presentation of assignments.

Observations

The performance test on the level of theoretical knowledge acquired by the student will be carried out in the form of an exam with multiple choice multiple choice questions with 3 alternatives. The exam may include a practical case with closed questions referring to the case. It will be necessary to obtain a grade of 5 in this test to pass the subject. In any case, the maximum grade in the test test will be 60% of the overall mark. An Honors Degree will be awarded for every 20 students if levels of excellence have been demonstrated in all competencies and learning outcomes. In the qualification of activities and development questions, both formal and content aspects will be taken into account.

Online teaching

Assessed learning outcomes	Granted percentage	Assessment method
R1, R2, R3, R4	70,00%	Final evaluation consisting of essay questions and hypothetical scenarios.
R1, R2, R3, R4	5,00%	Submitted tasks
R1, R2, R3, R4	25,00%	Attendance and participation in synchronic communication activities.

Observations

The performance test on the level of theoretical knowledge acquired by the student will be carried



out in the form of an exam with multiple choice multiple choice questions with 3 alternatives. The exam may include a practical case with closed questions referring to the case. It will be necessary to obtain a grade of 5 in this test to pass the subject. In any case, the maximum grade in the test will be 70% of the overall mark. An Honors Degree will be awarded for every 20 students if levels of excellence have been demonstrated in all competencies and learning outcomes. In the qualification of activities and development questions, both formal and content aspects will be taken into account.

Learning activities

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

- M1 Teacher presentation of contents, competency analysis, explanation and demonstration of capacities, abilities and knowledge in the classroom (presential modality).
- M2 Teacher-supervised groupwork sessions: case studies, diagnostic tests, problems, fieldwork, IT room, visits, data searches, libraries, web, Internet, etc. Building knowledge significantly through interaction and student activities (presential modality).
- M3 Supervised monographic sessions with shared participation.
- M4 Application of interdisciplinary knowledge.
- M6 Personalized attention in small groups. Training and/or orientation period by a teacher aimed at revising and discussing the materials and topics presented in the lessons, seminars, lectures, assignments, etc.
- M7 Set of oral and/or written tests employed in initial, training or summative assessment of the student.
- M8 Group preparation of readings, essays, problem resolution, seminars, assignments, reports, etc. to be presented or handed in during theory lessons, practical lessons and/or tutoring sessions in small groups. Tasks done on the platform or other virtual spaces.
- M9 Students' independent study: individual preparation of readings, essays, problem resolution, seminars, assignments, reports, etc. to be presented or handed in during theory lessons, practical lessons and /or small-group tutoring sessions. Tasks on the platform or other virtual spaces.



- M11 Teacher presentation of contents, competencies analysis, explanation and demonstration of capacities, abilities and knowledge on the virtual classroom.
- M12 Group work sessions via chat moderated by the teacher. Case studies –both real and fictional– aimed at building knowledge through interaction and students' activities . Critical analysis of values and social commitment.
- M13 Monographic sessions throughout the course, focused on current aspects and applications of the subject.
- M14 Set of oral and/or written tests employed in initial, training or summative assessment of the student.
- M15 Student's individual study: individual preparation of readings, essays, problem resolution, seminars, assignments, reports, etc. to be discussed or turned in in electronic format.
- M16 Individualized attention for the monitoring and orientation in the learning process, performed by a tutor in order to revise and discuss the materials and topics, seminars, readings and assignments, etc.
- M17 Group preparation of readings, essays, problem resolution, seminars, assignments, reports, etc. to be discussed or handed in.
- M18 Participation and contributions to discussion forums related to the subject and moderated by the module's teacher.
- M19 Problem resolution, comments, reports to be handed in according to the deadlines throughout the course.



IN-CLASS LEARNING

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	R1, R2, R3, R4	45,00	1,80
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. M2, M3	R2, R3	10,00	0,40
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. M6	R1, R2, R3, R4	2,50	0,10
ASSESSMENT Set of oral and/or written tests used in initial, formative or additive assessment of the student. M7	R1, R2, R3, R4	2,50	0,10
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, M8	R1, R2, R3, R4	15,00	0,60
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. M9	R1, R2, R3, R4	75,00	3,00
TOTAL		90,00	3,60



ON-LINE LEARNING

SYNCHRONOUS LEARNING ACTIVITIES

	LEARNING OUTCOMES	HOURS	ECTS
Virtual session (distance learning) M11	R1, R2, R3, R4	25,00	1,00
Virtual practical session (distance learning) M12	R1, R2, R3, R4	18,75	0,75
In-person or virtual assessment (distance learning) M14	R1, R2, R3, R4	2,50	0,10
Individual tutoring sessions (distance learning) M16	R1, R2, R3, R4	7,50	0,30
Discussion forums (distance learning) M18	R1, R2, R3, R4	5,00	0,20
Continuous assessment activities (distance learning) M14, M19	R2, R3	6,25	0,25
TOTAL		65,00	2,60

ASYNCHRONOUS LEARNING ACTIVITIES

	LEARNING OUTCOMES	HOURS	ECTS
Individual work activities (distance learning) M12	R1, R2, R3, R4	60,00	2,40
Teamwork (distance learning) M12	R1, R2, R3, R4	25,00	1,00
TOTAL		85,00	3,40



Description of the contents

Description of the necessary contents to acquire the learning outcomes.

Theoretical contents:

Content block	Contents
UNIT 1.INTRODUCTION TO CLINICAL NEUROPSYCHOLOGY	Definition and object of study of Neuropsychology. Origins and historical development of Neuropsychology as a scientific discipline. Areas of action.
UNIT 2.NEUROPSYCHOLOGICAL EVALUATION	Objectives and characteristics of the neuropsychological evaluation. Evaluation areas. Neuroimaging techniques. Registration techniques. Neuropsychological tests
UNIT 3. AMNESIA AND MEMORY ALTERATIONS	Introduction: Memory location. Types of amnesias. Memory disorders in aging and in neurological diseases
UNIT 4. LANGUAGE ALTERATIONS	Neural bases of language (models). Semiology of aphasias. Alexias and agafias. Aprosodias
UNIT 5. AGNOSIA	Concept and types. Visual agnosias: separation of systems. Visuo-perceptual and visuospatial dissociation. Visual disturbances. Visuospatial alterations. Visuoconstructive alterations. Auditory agnosias. Somatognosias
UNIT 6. THE APRAXIES	Concept and background. The diagnosis of apraxia. Ideomotor apraxia. Explanatory models. Basal ganglia and apraxia. Other apraxia
UNIT 7. THE FRONTAL LOBE	Introduction. Anatomy of the frontal lobes. Functions. Frontal lobe syndromes
UNIT 8. AGING, DEMENCIES AND OTHER NEURODEGENERATIVE PROCESSES	Normal aging: Brain and cognitive changes Mild cognitive impairment Dementias: Overview Alzheimer's disease Lewy body dementia. Frontotemporal dementias. Vascular dementias. Subcortical dementias. Prion dementias



UNIT 9.AGING, DEMENTIA AND DEGENERATIVE PROCESSES

Normal Aging: Brain and Cognitive Changes. Mild cognitive impairment. Dementias: types. Non-pharmacological treatment in dementias

UNIT 10.REHABILITATION OF FUNCTIONS

General considerations

Temporary organization of learning:

Block of content	Number of sessions	Hours
UNIT 1.INTRODUCTION TO CLINICAL NEUROPSYCHOLOGY	2,00	4,00
UNIT 2.NEUROPSYCHOLOGICAL EVALUATION	6,00	12,00
UNIT 3. AMNESIA AND MEMORY ALTERATIONS	3,00	6,00
UNIT 4. LANGUAGE ALTERATIONS	3,00	6,00
UNIT 5. AGNOSIA	1,00	2,00
UNIT 6. THE APRAXIES	2,00	4,00
UNIT 7. THE FRONTAL LOBE	2,00	4,00
UNIT 8. AGING, DEMENCIES AND OTHER NEURODEGENERATIVE PROCESSES	2,00	4,00
UNIT 9.AGING, DEMENTIA AND DEGENERATIVE PROCESSES	7,00	14,00
UNIT 10.REHABILITATION OF FUNCTIONS	2,00	4,00



References

BASIC BIBLIOGRAPHY

Junqué C. y Barroso J. (2009). Manual de Neuropsicología. Madrid: Síntesis.

Tirapu, J., Ríos, M, y Maestú, F. (2011). Manual de Neuropsicología. Barcelona: Editorial Viguera (2ª Edición).

Tirapu-Ustároz, J, García-Molina J., Rios-Lago, M., Ardila, R. (2012). Neuropsicología de la corteza prefrontal y las funciones ejecutivas

RECOMMENDED BIBLIOGRAPHY

Arnedo, M. (Coord) (2012). Neuropsicología: Casos prácticos. Medica-Panamericana

Kolb B. y Whishaw I.Q. (2006). Fundamentos de Neuropsicología Humana. Madrid: Médica Panamericana.

Peña-Casanova J. (2007). Neurología de la conducta y neuropsicología. Madrid: Médica Panamericana.



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:



ONLINE 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: