



## Information about the subject

**Degree:** Bachelor of Science Degree in Psychology

**Faculty:** Faculty of Psychology

**Code:** 292026 **Name:** -Psychopharmacology

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

**Module:** OPTIONAL

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

**Field of knowledge:** Ciencias de la salud

**Department:** Personality Psychology, Treatments, and Methodology

**Type of learning:** Classroom-based learning / Online

**Languages in which it is taught:** Spanish

**Lecturer/-s:**

OPP16 [Ana Perez Villalba](#) (**Responsible Lecturer**)

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## Module organization

### OPTIONAL

Subject Matter	ECTS	Subject	ECTS	Year/semester
Health psychology	84,00	-Clinical Neuropsychology	6,00	0, 4/1
		-Disorders of Eating Behavior	6,00	4/1
		-Health Psychology	6,00	3, 4/1
		-Legal Psychology	6,00	0, 4/1
		-Main Models of Intervention in Psychotherapy	6,00	This elective is not offered in the academic year 24/25
		Mediation and familiar orientation	6,00	3/1
		-New Directions in Psychotherapy	6,00	This elective is not offered in the academic year 24/25
		-Prevention and Treatment of Addictive Behavior	6,00	0, 2, 3/1
		-Psychogerontology	6,00	This elective is not offered in the academic year 24/25
		-Psychology of the Chronic Disease and of Rehabilitation	6,00	This elective is not offered in the academic year 24/25
		-Psychology, Grieving and Palliative Care	6,00	4/1



Health psychology		-Psychopharmacology	6,00	4/1
		Sleeping disorders	6,00	4/1
		-Therapy Techniques and Behavior Modification	6,00	This elective is not offered in the academic year 24/25
Transversal psychology	42,00	Anthropology of the Person and Health	6,00	This elective is not offered in the academic year 24/25
		Basic Social and Emotional Skills for Professional Practice of Psychology	6,00	This elective is not offered in the academic year 24/25
		History and Philosophy of the Family	6,00	This elective is not offered in the academic year 24/25
		-Psychology of Religion	6,00	This elective is not offered in the academic year 24/25
		Psychology, and Information and Communication Technologies	6,00	This elective is not offered in the academic year 24/25
		-Qualitative Research Methodology	6,00	This elective is not offered in the academic year 24/25
		Scientific English II	6,00	This elective is not offered in the academic year 24/25



Educational psychology	48,00	-Affective Linkages in the Life Cycle	6,00	This elective is not offered in the academic year 24/25
		Development of Cognitive Skills	6,00	This elective is not offered in the academic year 24/25
		Education for Interculturality	6,00	This elective is not offered in the academic year 24/25
		Educational Intervention for Students with Special Educational Needs	6,00	This elective is not offered in the academic year 24/25
		-Occupational Guidance	6,00	This elective is not offered in the academic year 24/25
		Preventive Intervention and Early Stimulation	6,00	2/1
		-School Psychology	6,00	2, 3/1
		Strategies and Tools for Effective Learning	6,00	This elective is not offered in the academic year 24/25
		Psychology of work and human resources	42,00	-Cooperative Work in Interdisciplinary Teams
	-Intervention Techniques in Human Resources	6,00		This elective is not offered in the academic year 24/25



Psychology of work and human resources		Interview and Psychological Counselling	6,00	This elective is not offered in the academic year 24/25
		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 24/25
		-Negotiation and Conflict Resolution	6,00	0, 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 24/25
		-Psychology of Conflict and Violence	6,00	2/1
		-Psychology of Criminality	6,00	3/1
		-Psychology of Physical Activity and Sport	6,00	This elective is not offered in the academic year 24/25
		-Psychology of Social Intervention	6,00	This elective is not offered in the academic year 24/25
		-Psychology of the Media	6,00	This elective is not offered in the academic year 24/25



Community psychology and social intervention		Psychosocial Intervention in Disasters and Emergencies	6,00	3/1
		-Social Support Theory and Strategies	6,00	This elective is not offered in the academic year 24/25
Speech therapy psychology	30,00	Acquisition and Development of Language	6,00	This elective is not offered in the academic year 24/25
		Assessment of Language, Speech and Voice	6,00	0/1
		-Language and Hearing Disorders	6,00	0/1
		Linguistic Analysis of Language Disorders	6,00	This elective is not offered in the academic year 24/25
		-Speech and Voice Disorders	6,00	This elective is not offered in the academic year 24/25

## Recommended knowledge

Basic knowledge of Psychobiology and Neurosciences

## 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      Being able to design psychological prevention plans in the different contexts of the health field.



## 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
CE6 Diagnosing following professional principles.			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	
CE18 Putting into practice direct intervention strategies and methods: psychological advice, therapy, negotiation mediation...		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
CT3 Mastering Spanish oral and written communication.		X		
CT10 Capacity to work in interdisciplinary teams.			X	
CT16 Capacity to develop and update competences, skills and knowledge following professional standards.			X	
CT34 Professional relationships: being able to build and maintain relationships with other professionals and important organizations			X	





## Assessment system for the acquisition of competencies and grading system

### In-class teaching

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

### Observations

To pass the subject, the student must separately pass the different evaluation systems (active participation, practices and theoretical-practical exam). The final evaluation test will consist of a theoretical-practical exam with 3-alternative multiple choice questions and open-response exercises. The tutor will grant MH to students who show evidence of levels of excellence in all competencies and learning outcomes.

### Online teaching

Assessed learning outcomes	Granted percentage	Assessment method
	70,00%	Final evaluation consisting of essay questions and hypothetical scenarios.
	5,00%	Submitted tasks
	5,00%	Periodical assessment through questionnaires
	20,00%	Attendance and participation in synchronic communication activities.

### Observations

To pass the subject, the student must separately pass the different evaluation systems (active participation, practices and theoretical-practical exam). The final evaluation test will consist of a



theoretical-practical exam with 3-alternative multiple choice questions and open-response exercises. The tutor will grant MH to students who show evidence of levels of excellence in all competencies and learning outcomes.

In accordance with the regulations governing the assessment and grading of subjects in force at UCV, the distinction of "Matrícula de Honor" (Honours with Distinction) may be awarded to students who have achieved a grade of 9.0 or higher. The number of "Matrículas de Honor" (Honours with Distinction) may not exceed five percent of the students enrolled in the group for the corresponding academic year, unless the number of enrolled students is fewer than 20, in which case a single "Matrícula de Honor" (Honours with Distinction) may be awarded.

Exceptionally, these distinctions may be assigned globally across different groups of the same subject. Nevertheless, the total number of distinctions awarded will be the same as if they were assigned by group, but they may be distributed among all students based on a common criterion, regardless of the group to which they belong. The criteria for awarding "Matrícula de Honor" (Honours with Distinction) will be determined according to the guidelines stipulated by the professor responsible for the course, as detailed in the "Observations" section of the evaluation system in the course guide.

## 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
<b>ON-CAMPUS CLASS</b> Teacher presentation of contents, analysis of competences, explanation and in-class display of skills, abilities and knowledge. M1, M3, M4	R1	25,00	1,00
<b>PRACTICAL CLASSES</b> 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	R1	17,50	0,70
<b>SEMINAR</b> Supervised monographic sessions with shared participation. M1, M4, M8	R1	5,00	0,20
<b>GROUP WORK EXHIBITION</b> Application of multidisciplinary knowledge. M2, M3, M4	R1	5,00	0,20
<b>OFFICE ASSISTANCE</b> 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	5,00	0,20
<b>ASSESSMENT</b> Set of oral and/or written tests used in initial, formative or additive assessment of the student. M7	R1	2,50	0,10
<b>TOTAL</b>		<b>60,00</b>	<b>2,40</b>



## LEARNING ACTIVITIES OF AUTONOMOUS WORK

	LEARNING OUTCOMES	HOURS	ECTS
<b>GROUP WORK</b> 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 M8	R1	40,00	1,60
<b>INDEPENDENT WORK</b> 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. M8, M9	R1	50,00	2,00
<b>TOTAL</b>		<b>90,00</b>	<b>3,60</b>



## ON-LINE LEARNING

### SYNCHRONOUS LEARNING ACTIVITIES

	LEARNING OUTCOMES	HOURS	ECTS
Virtual session (distance learning) M11, M12, M13, M14	R1	30,00	1,20
Virtual practical session (distance learning) M13, M14, M16, M18, M19	R1	10,00	0,40
Seminar and virtual videoconference (distance learning) M13, M14	R1	4,00	0,16
In-person or virtual assessment (distance learning) M14	R1	2,00	0,08
Individual tutoring sessions (distance learning) M16	R1	8,00	0,32
Discussion forums (distance learning) M12	R1	2,00	0,08
Continuous assessment activities (distance learning) M14	R1	4,00	0,16
<b>TOTAL</b>		<b>60,00</b>	<b>2,40</b>

### ASYNCHRONOUS LEARNING ACTIVITIES

	LEARNING OUTCOMES	HOURS	ECTS
Individual work activities (distance learning) M15, M17, M19	R1	60,00	2,40
Teamwork (distance learning) M17	R1	30,00	1,20
<b>TOTAL</b>		<b>90,00</b>	<b>3,60</b>



## Description of the contents

Description of the necessary contents to acquire the learning outcomes.

### Theoretical contents:

Content block	Contents
History, Methodology and basic concepts	History, Methodology and basic concepts UNIT 1. HISTORY AND CONCEPT OF PSYCHOPHARMACOLOGY. UNIT 2. RESEARCH METHODOLOGY. UNIT 3. BASIC CONCEPTS IN PSYCHOPHARMACOLOGY. UNIT 4. NEUROTRANSMISSION AND RECEPTORS
Pharmacology associated with Depression and Anxiety disorders	Pharmacology associated with Depression and Anxiety disorders UNIT 5. BIOLOGICAL BASIS OF DEPRESSION AND ANTIDEPRESSANTS. UNIT 6. MOOD STABILIZERS. UNIT 7. BIOLOGICAL BASES OF ANXIETY AND ANSIOLYTIC AGENTS. UNIT 8. PHARMACOLOGY OF PANIC DISORDERS, POST-TRAUMATIC STRESS, OBSESSIVE-COMPULSIVE DISORDERS, PHOBIC DISORDERS
Hypnotics, Neuroleptics and Substances of Abuse	Hypnotics, Neuroleptics and Substances of Abuse UNIT 9. HYPNOTICS. UNIT 10. BIOLOGICAL BASES OF SCHIZOPHRENIA AND OTHER PSYCHOSIS. UNIT 11. ANTIPSYCHOTICS OR NEUROLEPTICS. UNIT 12. PSYCHOPHARMACOLOGY OF SUBSTANCES OF ABUSE.



Pharmacology associated with  
Neurodegeneration

Pharmacology associated with Neurodegeneration  
UNIT 13. BIOLOGICAL BASIS OF COGNITIVE  
DISORDERS. COGNITIVE ENHANCERS AND  
NEUROPROTECTIVE AGENTS.  
UNIT 14. PHARMACOLOGY APPLIED TO  
NEURODEGENERATIVE DISORDERS.

Psychopharmacology today

Psychopharmacology today  
UNIT 15. DIFFERENT APPROACHES ON CURRENT  
PSYCHIATRY (and the neurobiology of mental illnesses).

## Temporary organization of learning:

Block of content	Number of sessions	Hours
History, Methodology and basic concepts	8,00	16,00
Pharmacology associated with Depression and Anxiety disorders	8,00	16,00
Hypnotics, Neuroleptics and Substances of Abuse	8,00	16,00
Pharmacology associated with Neurodegeneration	4,00	8,00
Psychopharmacology today	2,00	4,00

## References

- STAHL S.M., "Psicofarmacología esencial de Stahl"
- Goodman & Gilman's. The pharmacological basis of Therapeutics
- D. Charney and E.J. Nestler. Neurobiology of Mental Illness.

### WEB PAGES:

<https://pubmed.ncbi.nlm.nih.gov/>

<https://cima.aemps.es/cima/publico/home.html>

<https://www.clinicaltrials.gov/>