



Information about the subject

Degree: Bachelor of Science Degree in Speech and Language Therapy

Faculty: Faculty of Psychology

Code: 1171201 **Name:** Research Methodology

Credits: 6,00 **ECTS Year:** 2 **Semester:** 1

Module: Basic Training

Subject Matter: Psychology **Type:** Basic Formation

Field of knowledge: Psychology

Department: Speech Therapy

Type of learning: Classroom-based learning

Languages in which it is taught: Spanish

Lecturer/-s:

1172A [Carlos Mañez Carvajal](#) (Responsible Lecturer)

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Module organization

Basic Training

Subject Matter	ECTS	Subject	ECTS	Year/semester
Physiology	12,00	Functional anatomy of the organs of speech and hearing II	6,00	1/2
		Fundamentals of Neuroscience	6,00	1/2
Anatomy	6,00	Functional anatomy of the organs of speech and hearing I	6,00	1/1
Psychology	36,00	Basic Psychological Processes	6,00	1/1
		Developmental psychology	6,00	1/1
		Psycholinguistics	6,00	2/1
		Psychology of Education	6,00	2/2
		Psychology of language development	6,00	1/2
		Research Methodology	6,00	2/1
Clinical linguistics	6,00	Linguistics applied to speech and language therapy	6,00	1/1

Recommended knowledge

Not required.



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 apply the different existing elements and tools at each stage of the research process .
- R2 To identify and characterize the sources of scientific and technical information.
- R3 To design and implement strategies to retrieve relevant information from sources of scientific and technical information.
- R4 To prepare bibliographic references in APA and Vancouver style.
- R5 To identify, design and communicate the different research designs of the quantitative and qualitative paradigm.



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
CE5 Understand and integrate the methodological foundations for research in Speech Therapy				X
CE37 Master the terminology that allows one to interact effectively with other professionals			X	
CE46 Being able to develop skills such as regulating one's own learning, solving problems, thinking critically and adapting to new situations		X		
CE50 Understand and critically evaluate the terminology and specific methodologies used in speech therapy research				X
CE54 Manage communication technologies and information			X	

TRANSVERSAL	Weighting			
	1	2	3	4
CT5 Recognize, analyze and obtain solutions to ethical problems in professional practice situations		X		
CT6 Adapt to new situations arising in their profession		X		



Assessment system for the acquisition of competencies and grading system

Assessed learning outcomes	Granted percentage	Assessment method
R1, R2, R3, R4, R5	50,00%	Written exam
R1, R2, R3, R4, R5	30,00%	Practical work assignments assessment
R1, R2, R3, R4, R5	20,00%	Attendance and participation of in-person formative activities

Observations

Students must have a minimum mark (50% of the total) on the written test and the group work so that it can be accumulate to the final grade.

MENTION OF DISTINCTION: Those who obtain a higher note 9.5 are eligible for a screening test for obtaining honors. Obtaining this mention will depend on the mark obtained in the screening test and the maximum number of distinctions that may be awarded.

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 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	R1, R2, R3, R5	24,00	0,96
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	R1, R2, R3, R5	12,00	0,48
GROUP WORK EXHIBITION. Application of multidisciplinary knowledge M7	R5	6,00	0,24
SEMINAR. Supervised monographic sessions with shared participation M3	R4	6,00	0,24
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	R1, R2, R3, R4, R5	9,00	0,36
ASSESSMENT. Set of oral and/or written tests used in initial, formative or additive assessment of the student M1	R1, R2, R3, R4, R5	3,00	0,12
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 M6	R5	36,00	1,44
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 M5	R1, R2, R3, R4	54,00	2,16
TOTAL		90,00	3,60



Description of the contents

Description of the necessary contents to acquire the learning outcomes.

Theoretical contents:

Content block	Contents
Introduction to scientific research	Fundamentals of research Research process
Scientific communication and information retrieval	Sources of information Search strategy methodology
Research Manuscript	Key sections APA & VANCOUVER Style
Qualitative and quantitative methodologies	Research Designs Data analysis

Temporary organization of learning:

Block of content	Number of sessions	Hours
Introduction to scientific research	5,00	10,00
Scientific communication and information retrieval	8,00	16,00
Research Manuscript	3,00	6,00
Qualitative and quantitative methodologies	14,00	28,00



References

Abadal Falgueras, E. y Codina Bonilla, LI. (2009). Bases de datos documentales: características, funciones y método. Madrid: Síntesis.

American Psychological Association (2020). Publication Manual of the American Psychological Association (Spiral Bound). Washington: American Psychological Association.

Botella Ausina, J. y Sánchez Meca, J. (2015). Meta-análisis en ciencias sociales y de la salud. Madrid: Síntesis.

Castellanos López, M. A., Pérez Moreno, E. y Simón López, T. (2018). Métodos de investigación en logopedia. Madrid: Síntesis.

Cordón García, J. A., López Lucas, J. y Vaquero Pulido, J. R. (2001). Manual de investigación bibliográfica y documental: teoría y práctica. Madrid: Pirámide.

García García, A. M. y Fernández Muñoz, E. (2013). Publicación y lectura crítica de artículos científicos. Barcelona: Signo.

Pardo, A., Ruiz, M. A. y San Martín, R. (2015) Análisis de datos en ciencias sociales y de la salud (Vol I). Madrid: Síntesis.

Pardo, A., Ruiz, M. A. y San Martín, R. (2015) Análisis de datos en ciencias sociales y de la salud (Vol II). Madrid: Síntesis.

Somoza Fernandez, M. (2015). Búsqueda y recuperación de información en bases de datos de bibliografía científica. Gijón: Trea.

Villarino, A., Rodríguez-Miñón, P; Reales, J.M y Macía, M.A. (2015). Diseños de Investigación y Análisis de Datos. Ejercicios y Problemas. Ed: Sanz y Torres.