



Information about the subject

Degree: Bachelor of Science Degree in Speech and Language Therapy

Faculty: Faculty of Psychology

Code: 1170308 **Name:** Speech and language therapy in speech disorders and nonverbal oral functions

Credits: 6,00 **ECTS Year:** 3 **Semester:** 1

Module: Impairments, disorders and speech and language intervention

Subject Matter: Deficit in the basic tools for the reception and production of language **Type:**

Compulsory

Field of knowledge: Speech and Language Therapy

Department: Speech Therapy

Type of learning: Classroom-based learning

Languages in which it is taught: Spanish

Lecturer/-s:

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Module organization

Impairments, disorders and speech and language intervention

Subject Matter	ECTS	Subject	ECTS	Year/semester
Language pathology	18,00	Language Pathologies I	6,00	1/1
		Language Pathologies II	6,00	1/2
		Learning difficulties	6,00	2/2
Deficit in the basic tools for the reception and production of language	24,00	Speech and language intervention in diglossias and dysarthrias	6,00	3/1
		Speech and language intervention in hearing deficiencies	6,00	3/2
		Speech and language intervention in voice disorders	6,00	3/1
		Speech and language therapy in speech disorders and nonverbal oral functions	6,00	3/1
Neuro-psycho-linguistic disorders	18,00	Speech and language intervention in aphasia and related disorders	6,00	3/2
		Speech and language intervention in autism spectrum disorders and in mental deficiency	6,00	3/2



Neuro-psycho-linguistic disorders		Speech and language intervention in specific disorders of language development	6,00	2/2
Fluency Disorders	6,00	Speech and language intervention in dysphemia and other disorders with psychosocial implications	6,00	3/1
Alternative Communication	6,00	Alternative Communication	6,00	3/2

Recommended knowledge

Knowledge of phonetic-phonological development.
Anatomical knowledge of the stomatognathic system.

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 explore, evaluate, and diagnose patients with specific instruments
- R2 To know how to choose and apply different models, methodologies, procedures, techniques, instruments and rehabilitation materials for the different types of pathology and patient profiles.
- R3 To know how to plan, elaborate and carry out the most suitable intervention programme for each patient based on their diagnosis and the information obtained during the exploration.
- R4 To acquire the technical and professional skills necessary to be able to apply speech therapies.



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
CE10 To carry out an evaluation after the intervention.		X		
CE11 Know the classification, terminology and description of communication disorders, language, speech, and voice, in addition to hearing and nonverbal oral functions			X	
CE12 To know, recognize and discriminate between the variety of alterations: specific developmental language disorders, specific language disorders, language delays, phonetic and phonological disorders; communication and language disorders associated with auditory and visual deficits, attention deficit, mental impairment, pervasive developmental disorder, autism spectrum disorders, infantile cerebral palsy and multiple impairments; specific written language disorders; dyscalculias; alterations in language development due to social deprivation and those associated with multicultural and multilingual contexts; disorders of speech fluency; aphasia and associated disorders; dysarthria; dysphonia; dysglosia; alterations of language in ageing and degenerative disorders; alterations of language and communication in mental illnesses; mutism and language inhibitions; alterations of non-verbal oral functions: atypical swallowing, dysphagia and tubal alterations.			X	
CE16 Knowing the different characteristics of speech therapy intervention in family, school, health and clinical care contexts		X		
CE21 Know how to design and write speech therapy reports		X		
CE26 To acquire practical knowledge for speech-language evaluation.			X	
CE34 Design, implement and evaluate actions to prevent communication and language disorders			X	



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CE35	Explore, evaluate, diagnose and issue forecasts on the evolution of communication and language disorders from a multidisciplinary perspective	X		
CE36	To use the techniques and tools of exploration specific to the profession, and record, synthesize and interpret the data provided by integrating them into the set of information.			X
CE37	Master the terminology that allows one to interact effectively with other professionals			X
CE41	Work in school environments, health care and part of a professional team. Advise on the development, implementation of care and education policies on issues related to speech therapy	X		
CE43	Knowing the limits of competencies and knowing when interdisciplinary treatment is necessary	X		
CE44	Explain and support the selected treatment			X
CE45	Promote communication skills in the general population		X	
CE47	Know and be able to integrate the biological (anatomical and physiological), psychological (and evolutionary development processes), linguistic and pedagogical foundations of speech therapy intervention in communication, language, speech, hearing, speech and non-verbal oral functions	X		
CE48	Being familiar with communication disorders, language, speech, hearing, speech and nonverbal oral functions			X
CE49	Know and critically evaluate the techniques and tools for evaluation and diagnosis in speech therapy, as well as speech therapy intervention procedures			X
CE51	Communicate orally and in writing one's observations and conclusions to the patient, their families and other professionals involved in treatment, adapting to the sociolinguistic characteristics of the environment			X
CE52	Develop and prepare reports for examination, diagnosis, monitoring, termination and referral			X
CE53	Have adequate speech production, structure of language and voice quality	X		
CE54	Manage communication technologies and information	X		



TRANSVERSAL		Weighting			
		1	2	3	4
CT1	Use the techniques of verbal and nonverbal communication in order to optimize relevant communicative situations	x			
CT2	Critically evaluate own job performance and that of other professionals to improve results	x			
CT3	Have the flexibility to work within teams integrated by other professionals belonging to the same field		x		
CT5	Recognize, analyze and obtain solutions to ethical problems in professional practice situations	x			
CT6	Adapt to new situations arising in their profession		x		
CT7	Having an open and flexible attitude to lifelong learning			x	
CT8	Know and use of technical advances in the exercise of their profession			x	



Assessment system for the acquisition of competencies and grading system

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

Observations

·Note: In order to pass the subject the student must pass both the theoretical and the practical content separately.

·MENTION OF DISTINCTION: The mention of Distinction will be awarded to students who have achieved a score equal to or greater than 9.5. The number of Distinctions granted will not exceed 5% of students enrolled in a subject in the corresponding academic year unless enrollment is under 20, in which case only one Distinction may be granted. (Royal Decree 1125/2003).

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, R4	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, R4	12,00	0,48
GROUP WORK EXHIBITION. Application of multidisciplinary knowledge M7	R1, R2, R3, 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. M5, M6, M7	R1, R2, R3, R4	9,00	0,36
ASSESSMENT. Set of oral and/or written tests used in initial, formative or additive assessment of the student M5, M6, M7	R1, R2, R3, R4	9,00	0,36
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	R1, R2, R3, R4	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
Part 1: Speech Sound Disorders	<p>Chapter 1. Psicolinguistic framework of speech processing.</p> <p>Chapter 2. Concept of Speech Sound Disorders and semiology.</p> <p>Chapter 3. Speech perception programs.</p> <p>Chapter 4. Programs for improvement of phonologic development.</p> <p>Chapter 5. Programs for improvement of speech output.</p> <p>Chapter 6. Verbal dyspraxia</p> <p>Chapter 7. Practice. Design intervention programs based on data from the evaluation of patients with phonological disorders and speech.</p>
Part 2: Oral Motor Disorders	<p>Chapter 8. Introduction</p> <p>Chapter 9. Orofacial system</p> <p>Chapter 10. Orofacial system disorders</p> <p>Chapter 11. Logopedic evaluation</p> <p>Chapter 12. Myofunctional therapy</p> <p>Chapter 13. Specific disorders: atypical swallowing, tubaric dysfunction.</p>

Temporary organization of learning:

Block of content	Number of sessions	Hours
Part 1: Speech Sound Disorders	15,00	30,00
Part 2: Oral Motor Disorders	15,00	30,00



References

PARTE 1

1. Allen, M. M. (2013). Intervention efficacy and intensity for children with speech sound disorder. *Journal of Speech, Language, & Hearing Research*, 56, 865-877.
2. Álvarez, A., & Graciano, C. (2009). *El enfoque fonológico en las alteraciones del habla infantil*. Dunken.
3. Borregón, S. (2010). *Los trastornos de la articulación. Exploración, prevención, diagnóstico y tratamiento*. Cepe.
4. Susanibar, F., Dioses, A., Marchesan, I., Guzmán, M., Leal, G., Guitar, B., Junqueira Bohnen, A. (2016). *Trastornos del Habla. De los fundamentos a la evaluación*. EOS.
5. Bowen, C. (2015). *Children's speech sound disorders (2nd ed.)*. Wiley Blackwell.
6. Cervera J.F., & Ygual A. (2003). La intervención logopédica en los trastornos fonológicos desde el paradigma psicolingüístico del procesamiento de habla. *Revista de Neurología*, 36(Sup 1), S39-S53.
7. Dodd, B. (2005). *Differential diagnosis and treatment of children with speech disorder (2nd ed.)*. Whurr Publishers.
8. Miccio, A. W. (2005). A treatment program for enhancing stimulability. In A. G. Kamhi & K. E. Pollock (Eds.), *Phonological Disorders in Children* (pp.163-173). Paul H. Brookes Publishing Co.
9. Miccio, A. W., & Williams, A. L. (2010). Stimulability intervention. In A. L. Williams, S. McLeod, & McCauley, R. J. (Eds.), *Interventions for speech sound disorders in children* (pp. 179-202). Brookes Publishing Co.
10. Rvachew, S., & Brosseau-Lapré, F. (2010). Speech perception intervention. In S. McLeod, L. Williams, & R. McCauley (Ed.), *Treatment of speech sound disorders in children*. Brookes.
11. Rvachew, S., & Brosseau-Lapré, F. (2012). An input-focused intervention for children with developmental phonological disorders. *Perspectives on Language Learning and Education*, 19, 31-35.
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13. Williams, A.L., McLeod, S., & McCauley, R. (Eds) (2010). *Interventions for Speech Sound Disorders in children*. Brookes Publish Co.
14. Ygual-Fernández, A., Cervera-Mérida, J., & Rosso, P. (2008). Utilidad del análisis fonológico en la terapia del lenguaje. *Revista de Neurología*, 46(Sup 1), S97-S100.
15. Rvachew, S., & Brosseau-Lapré, F. (2012). *Developmental phonological disorders. Foundations of clinical practice*. Plural publishing.

PARTE 2

1. Bartuilli, M., Cabrera, P.J., & Periñán, M. C. (2007). *Guía técnica de intervención logopédica. Terapia miofuncional*. Síntesis.



2. Grande, D., & Donato, G. (2008). *Terapia miofuncional. Diagnóstico y tratamiento. Guía práctica*. Ediciones Lebón.
3. Bigenzahn, W. (2004). *Disfunciones orofaciales en la infancia. Diagnóstico, terapia miofuncional y logopedia*. Ars Médica.
4. Queiroz-Marchesan, I. (2002). *Fundamentos de fonoaudiología. Aspectos clínicos de la motricidad oral*. Panamericana.
5. Borrás, S., & Rosell, V. (2006). *Guía para la reeducación de la deglución atípica y trastornos asociados*. Nau Llibres.
6. Peralta, M. E. (2001). *Reeducación de la deglución atípica funcional en niños con respiración oral*. Isep Textos.
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14. Segovia, M. L. (1988). *Interrelaciones entre la odontoestomatología y la fonoaudiología. La deglución atípica (2ª Edición)*. Panamericana.
15. Le Méteyer, M. (1995). *Reeducación cerebromotriz del niño pequeño. Educación terapéutica*. Masson-Aspace Navarra.