

**COURSE DATA****DATA SUBJECT****Code:** 42711**Name:** Developments in speech therapy: case studies**Cycle:** Master's Degree**ECTS Credits:** 20**Academic year:** 2026-27**STUDY (S)**

Degree	Center	Acad. year	Period
2119 - Master's Degree in Speech Therapy Intervention Specialisation	Facultat de Psicologia i Logopèdia	1	Annual

**SUBJECT-MATTER**

Degree	Subject-matter	Character
2119 - Master's Degree in Speech Therapy Intervention Specialisation	Developments in speech therapy: case studies	COMPULSORY

**COORDINATION**

YGUAL FERNANDEZ DESAMPARADOS

**SUMMARY**

The course `Advances in Speech Therapy Intervention: Case Studies is a compulsory course taught in the Master's Degree in Speech Therapy Intervention. It consists of 20 credits and is both theoretical and practical in nature.

The course provides an in-depth look at scientific advances in intervention procedures for people with neurodevelopmental disorders, hearing loss, neurodegenerative disorders and central etiology. It also introduces the possibilities of speech therapy in the field of prevention.

The aim of the course is for students to gain an in-depth understanding of the latest scientific advances in the aforementioned fields, to learn about their practical implications and to be able to apply them in real life, both in their professional speech therapy practice and in their research

**PREVIOUS KNOWLEDGE****RELATIONSHIP TO OTHER SUBJECTS OF THE SAME DEGREE**

There are no specified enrollment restrictions with other subjects of the curriculum.

**OTHER REQUIREMENTS**



In order to successfully complete the course, students are recommended to have basic knowledge of the etiology, signs and assessment of neurodevelopmental disorders, hearing loss, neurodegenerative disorders and disorders of central etiology that affect language.

## COMPETENCES / LEARNING OUTCOMES

### 2119 - Master's Degree in Speech Therapy Intervention Specialisation

Adoptar un compromiso ético con los derechos humanos, la igualdad de oportunidades y la no discriminación por razones de género, edad, creencias, discapacidad o por otras razones.

Analizar, decidir, comunicar y ejecutar acciones terapéuticas en equipos de trabajo interdisciplinarios.

Comprender y valorar las producciones científicas que sustentan el desarrollo profesional de la Logopedia.

Diseñar y llevar a cabo los tratamientos logopédicos individuales y colectivos, estableciendo objetivos, etapas, actividades y procedimientos de mejora con los métodos, técnicas y recursos avanzados en pacientes aquejados de trastornos degenerativos y otros trastornos de etiología central.

Diseñar y llevar a cabo los tratamientos logopédicos individuales y colectivos en poblaciones con trastornos del neurodesarrollo, estableciendo objetivos, etapas, actividades y procedimientos específicos para esta población valorando críticamente los métodos, técnicas y recursos, implementando nuevas metodologías avanzadas y adaptadas a esta población.

Identificar pautas de detección temprana de trastornos de la comunicación en poblaciones de niños y adultos.

Implementar los últimos avances en tratamientos logopédicos individuales y colectivos en poblaciones de pacientes con alteraciones acústicas y de la voz en niños y adultos, estableciendo una valoración crítica y autónoma de objetivos, etapas, actividades y procedimientos de mejora con los métodos, técnicas y recursos avanzados para esta población.

Planificar y difundir estrategias y programas de prevención en poblaciones de alto riesgo.

Students should apply acquired knowledge to solve problems in unfamiliar contexts within their field of study, including multidisciplinary scenarios.

Students should demonstrate self-directed learning skills for continued academic growth.

Students should possess and understand foundational knowledge that enables original thinking and research in the field.

## DESCRIPTION OF CONTENTS

### 1. Advanced speech therapy intervention in neurodevelopmental disorders.

Update on the use of augmentative communication systems in neurodevelopmental disorders: Case



studies.

Intervention in animal-assisted communication.

Speech therapy intervention specialising in speech processing disorders.

- Advanced exploration of speech processing.

- Advanced treatments focusing on articulatory, production, perceptual and metacognitive aspects.

Intervention in verbal dyspraxia. Case studies.

Communication and language intervention programmes using parents as intervention agents: Case studies.

Myofunctional intervention in severe neurodevelopmental disorders: Case studies.

Preventive measures.

**2. Advanced speech therapy intervention in neurodegenerative disorders and disorders of central etiology.**

Treatment of patients with dysphagia in the context of neurodegenerative disorders and central aetiology. Examination protocol. Treatment planning. Case analysis. Clinical case studies.

Treatment of patients with dysarthric symptoms in the context of neurodegenerative disorders and central aetiology. Clinical case studies.

Treatment of patients with language and communication disorders in the context of neurodegenerative disorders and central aetiology. Clinical case studies.

**3. Advanced aural intervention. Technology and prosthetic treatment for hearing loss.**

Pròtesis auditives no implantables i implantables: indicacions, adaptació i rehabilitació.

2. Rehabilitació del xiquet amb implant coclear.

3. Rehabilitació de l'adult amb implant coclear.

4. Anàlisi de casos clínics.

**4. Advanced intervention in the treatment of voice disorders.**

Advances in speech therapy intervention in voice disorders: Introduction.

Foundations and techniques of speech therapy treatment for vocal disorders based on scientific evidence:

a. Taxonomy of treatments by Van Stan et al. (2015).

b. Functionalist perspective based on motor learning theories applied to the voice.

i. the relationships between body gestures and vocal gestures

ii. modification of supraglottic pressure

iii. activation of laryngeal muscle patterns

iv. tissue regeneration techniques after benign laryngeal surgery.

Speech therapy treatment of vocal disorders in singers.

**WORKLOAD**

**PRESENCIAL ACTIVITIES**

Activity	Hours
Tutorials	16,00



Theory	90,00
Laboratory	45,00
Classroom practices	49,00
<b>Total hours</b>	<b>200,00</b>

### NON PRESENCIAL ACTIVITIES

Activity	Hours
Attendance at other activities	10,00
Individual or group project	50,00
Independent study and work	100,00
Preparation of lessons	0,00
Preparation for assessment activities	70,00
Resolution of case studies	70,00
<b>Total hours</b>	<b>300,00</b>

### TEACHING METHODOLOGY

Given the theoretical and practical or applied nature of the skills to be acquired, the distribution of the 20 ECTS credits for the module according to types of training activities will follow the following model:

- Theoretical classes with presentations by the lecturer and student participation.
- Seminars and practical activities supervised by the teacher (viewing and resolution of cases, classroom exercises, computer applications, presentation of assignments)
- Teamwork, study and individual work, personal tutoring and assessment.

### EVALUATION

Students will receive a grade ranging from 0 to 10 points based on their assessment.

These grades represent: 5 points or above, pass; pass 7 points or above, 9 points or above, A; 10 points, an A proposed for honours.

This course consists of several modules which are taught by different teachers who are experts in their respective subjects. The final grade for the course will be the average of the grades obtained in its various modules.

In each module, the teacher will set the student a form of assessment consisting of:

- a theoretical-practical test in accordance with the subject matter (60% of the mark),
- assignments and/or practical case studies and other types of practical activities carried out during the classes (30% of the mark)
- an assessment of the student's participation in the scheduled activities (10%). Each teacher will grade the level achieved by each student on a scale of 0 to 10.

The final mark for the course will be the average of the marks obtained in the various modules. To pass the course at the first attempt, it is necessary to pass each module separately. If a student fails to submit any



assessment work, it will be considered not submitted. In the second attempt, the average of the marks obtained in each module will be calculated, as well as the total number of modules passed.

The Master's degree is classroom-based, and students must attend at least 80% of classes to pass the course. Absence must be due to well-documented reasons of force majeure, such as sudden illness, the death of an immediate family member, a court summons, an official examination or the need to accompany a first-degree relative for medical reasons.

Content and activities carried out in face-to-face classes can be made up through specific assignments, except for activities requiring instruments, techniques, materials, or content that cannot be repeated or simulated (e.g. videos, audio recordings, and other materials forming part of real clinical cases).

Each module coordinator will inform students which content can and cannot be recovered, and how and when this will happen.

Obtaining honours is subject to taking an extraordinary oral exam if two students have the same grade and only one mark can be awarded. This exam will not result in a lower grade under any circumstances.

## REFERENCES

### Referencias Básicas

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(Los profesores podrán indicar bibliografía complementaria para cada tema que estará a disposición de los alumnos en el aula virtual)