

**Methodological Resources for Developing the
Bachelor's Degree Final Project**

Code: 104141
ECTS Credits: 6

Degree	Type	Year	Semester
2500893 Speech therapy	OT	4	1

Contact

Name: José María Losilla Vidal
Email: JosepMaria.Losilla@uab.cat

Use of Languages

Principal working language: catalan (cat)
Some groups entirely in English: No
Some groups entirely in Catalan: Yes
Some groups entirely in Spanish: No

Teachers

Eduardo Doval Diéguez
Jaume Vives Brosa

Prerequisites

There are no specific prerequisites.

Objectives and Contextualisation

The general objective of this course is to offer students the necessary skills to carry out in a methodologically correct way Bachelor's degree final project aimed at the scientific production in the field of communication and language.

To achieve this general objective, the student must be able to:

- Understand the structure and methodological contents of prototypical research papers published in the field of communication and language.
- Learn to write scientific reports based on the prototypical patterns that are provided.

Competences

- Demonstrate an understanding and correct use of the terminology and methodology of speech-therapy research.
- Evaluate the scientific production that supports speech therapists professional development.
- Find, evaluate, organise and maintain information systems.
- Managing communication and information technologies.
- Reflect on and research into language and its treatment so as to help develop the profession.

Learning Outcomes

1. Argue suitably using within the framework of statistical thought.

2. Assess the usefulness of various theoretical models of language pathology, and methods and tools derived from each of these.
3. Critically and thoughtfully evaluate scientific literature, placing it within an epistemological framework.
4. Discriminate between applied research using different research methods and techniques to search for evidence in speech therapy.
5. Draw reasoned conclusions on the advantages and limitations of different methodological approaches to addressing applied problems.
6. Explain critically and in a reflective manner the characteristics, advantages and limitations of scientific methodology in the field of speech therapy.
7. Explain the application of the scientific method for obtaining and accumulating evidence in speech therapy.
8. Formulate and test hypotheses about the demands and needs of recipients, and concerning research.
9. Interpret the content and scope of a claim by scientific evidence and the most adequate type of study to address this.
10. Managing communication and information technologies.
11. Properly identify the key components that are involved and participate in the process of scientific research.
12. Search, evaluate, organise and maintain information systems.
13. Set out reasoned proposals on methods of acquiring new evidence in speech therapy.
14. Use strategies pertaining to scientific method in the search for evidence in speech therapy.

Content

The course reviews the fundamental methodological aspects of the three main types of Bachelor's degree final project aimed at scientific production:

- Revision works: systematic reviews with narrative and basic metanalytic results analysis.
- Empirical works that involve data collection and statistical analysis: experimental, quasi-experimental, single-case or observational (survey, ex-post facto or systematic observation).
- Creation or adaptation of tests and questionnaires.

All the contents are presented through prototype published searches and standardized reporting structures.

Methodology

Traditional didactic techniques are combined with other resources aimed at encouraging meaningful learning

Activities

Title	Hours	ECTS	Learning Outcomes
Type: Directed			
Directed: Presentations and activities in the classroom	36	1.44	12, 4, 5, 6, 7, 13, 8, 11, 9, 1, 14, 10, 3, 2
Type: Supervised			
Supervised: Tutoring	7.5	0.3	4, 5, 8, 11, 9, 1, 3, 2
Type: Autonomous			
Autonomous: Reading texts and articles, conceptual abstracts, preparation and completion of work and personal study.	100.5	4.02	12, 4, 5, 6, 7, 13, 8, 11, 9, 1, 14, 10, 3, 2

Assessment

In this course the assessment is intended to fulfill a pedagogical function and not just accreditation, and all the evidences are programmed so that they can achieve the corresponding formative return.

Below are the learning evidences that the student will have to contribute, their type and weight in the final qualification:

- Evidence 1. (Week 5). Individual Moodle examination. Contents: Scientific documentation and systematic reviews. Up to 3 points.

- Evidence 2. (Week 10). Individual classroom examination. Contents: Creation and adaptation of tests and questionnaires. Up to 3,5 points (week 10).

- Evidence 3. (Week 15). Individual classroom examination. Contents: Data analysis. Up to 3,5 points.

Assessable students: a student is considered assessable when he/she has presented evidences of learning with a weight greater than or equal to 4 points; otherwise it will appear in final grade sheets as "Not Assessable (NA)".

Course passed: students has passed the course when they have obtained a minimum score of 5 points and all the proposed learning evidences have been assessed.

Resit examination: for those students that have not achieved the established criteria to pass the course and who have previously been assessed on a set of activities whose weight equals to a minimum of two thirds of the total score of the course and have obtained a minimum total score of 3,5 points.

<https://www.uab.cat/web/estudiar/graus/graus/avaluacions-1345722525858.html>

Assessment Activities

Title	Weighting	Hours	ECTS	Learning Outcomes
Evidence 1. (Week 5). Individual Moodle examination. Contents: Scientific documentation and systematic reviews	3 points	2	0.08	12, 4, 1, 14, 10, 3, 2
Evidence 2. (Week 10). Individual classroom examination. Contents: Creation and adaptation of tests and questionnaires	3,5 points	2	0.08	6, 13, 8, 2
Evidence 3. (Week 15). Individual classroom examination. Contents: Data analysis	3,5 points	2	0.08	5, 6, 7, 13, 8, 11, 9

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