

Elective Subject

(Academic Course 2025-2026)

Subject title: Communication of Research Results in Health Care

Code: 609362

Subject: Elective

Responsibility Center: Faculty of Nursing, Physiotherapy and Podiatry

Credits: 3 ECTS

Number of places offered:

	Total (30% attendance)	Theory	Seminars	Practices	Others
Classroom activities	24	24			

Course schedule: (semester, day and schedule): 2nd-Thursday-/GROUP 16-20 hours

STUDENT PROFILE (University degrees for which they are offered, if applicable)

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BRIEF DESCRIPTOR

This course aims to teach students the most effective techniques to prepare: research abstracts, posters and infographics, oral and written communications and press releases and other documents oriented to scientific dissemination and popularization.

OBJECTIVES

The general objective of this course is to know and apply health sciences communication methodologies applied to health care. At the end of the course, students should be able to disseminate research results in scientific and non-scientific fields.

KNOWLEDGE, SKILLS AND COMPETENCES

KNOWLEDGE

To design the structure of the summary and produce the abstract in oral communication, poster and scientific article.

To synthesize the content of a research study through the writing and elaboration of highlights and plan the design and writing of the section, associated to the abstract, "what is known, what does it contribute".

To develop the fundamentals for the presentation of effective oral communication and design the audiovisual material.

To transform, through scientific knowledge, the research problem into a scientific poster and its presentation to the public.

To execute the transfer of knowledge in scientific media through the realization of the scientific article, in the context of the editorial process and identify the critical points in the writing of

articles.

To elaborate the transfer of knowledge in non-scientific media by means of communication with scientific dissemination units, elaboration of press releases and material in social networks.

SKILLS

To know how to handle and use information and telecommunication technologies.

To be able to effectively communicate orally or in writing, in order to disseminate both research projects and results, in academic, clinical, industry or informative settings.

To Know how to implement evidence-based practice in health care.

Ability to integrate knowledge and face the complexity of making judgments based on incomplete or limited information, including reflections on the social and ethical responsibilities linked to the application of their knowledge and judgments.

To be able to defend and communicate the conclusions and the knowledge and ultimate reasons that support them, to specialized and non-specialized audiences, in a clear and unambiguous way.

COMPETENCES

Ability to solve problems in new or unfamiliar environments.

Finding solutions and making a fixed and decisive determination to solve a doubt or problem in complex situations.

Ability to organize and plan. Knowing how to set the steps to follow and/or structure to achieve an objective, conveniently distributing the material and human resources available, assigning specific functions to each one.

Communication and teamwork skills. Knowing how to communicate the reasons for their ideas and conclusions clearly to specialized and non-specialized audiences.

Collaborate and cooperate with others, contributing the best of their skills to the achievement of team results. Accept and value the competencies of others and seek to synergize with colleagues. Value differences and build relationships of respect and growth

LEARNING OUTCOMES

The student should be able, at the end of the course, to:

- Perform effective oral or written communications. Design and develop effective oral and written communications (CG4, CT5).
- Disseminate both research projects and results, in academic, clinical, industry or informative settings (CE12).

TEACHING ACTIVITIES (theoretical, practical, seminars, workshops, etc.)

Theoretical classes (24 hours):

Four-hour sessions where a master class is held and the aspects covered during the theoretical class are put into practice.

Autonomous work (35 hours):

Throughout the course, the student will carry out individual and group work on the communication of results in health research.

CONTENT TOPICS**1.- The abstract.**

- The abstract in the oral communication, the poster and the scientific article.
- Design of the graphic abstract.
- Drafting and elaboration of highlights.
- Design and writing of the section, associated to the abstract, "what is known, what does it contribute".

2.- Audiovisual media.

- Oral scientific communication. Fundamentals for the presentation of the communication: the audiovisual material
- the poster.
- Public disclosure of the research problem.

3.-The transfer of knowledge.

3.1. The transfer of knowledge in scientific media:

- The scientific article in the context of the editorial process.
- Critical points in article writing.

3.2. Knowledge transfer in non-scientific media:

- Communication with scientific dissemination units.
- Detection of target audience.
- Elaboration of press releases.
- Social networks.

EVALUATION

REGULAR CONVOCAION			
EVALUATION ACTIVITY	WEIGHTING	REMARKS	MAXIMUM SCORE
Participation in theoretical classes and virtual debates, as well as the completion of tasks carried out through the Virtual Campus	10%		1
Elaboration and presentation of the works proposed in the classroom	50%		5
. Final objective test (25 out of 4 options,1 valid)	40%		4
EXTRAORDINARY CALL			
EVALUATION ACTIVITY	WEIGHTING	REMARKS	MAXIMUM SCORE
Final objective test (25 out of 4 options,1 valid)	100%		10

Bibliography:

- Belcher, WL. **Cómo escribir un artículo académico en 12 semanas: guía para publicar con éxito**. México: Flasco; 2010.
- Day RA, Gastel B. **Cómo escribir y publicar artículos científicos**. 4ª ed. Washington. Organización Panamericana de la Salud; 2008.
- Ferragud C, Vidal A, Bertomeu JR, Lucas R. **Documentación y tecnología en Ciencias de la Salud**. Valencia: Nau Llibres; 2017
- Jiménez Villa J, Argimon Pallàs JM, Martín Zurro A, Vilardell Tarrés M, editores. **Publicación científica biomédica. Cómo escribir y publicar un artículo de investigación**. 2ª ed. Barcelona: Elsevier; 2015.
- Joubert PH, Rogers SM. **Strategic Scientific and Medical Writing. The Road to Success**. Berlin Heidelberg: Springer-Verlag; 2015
- Montes S, Navarro , editores. **Hablar, persuadir, aprender: manual para la comunicación oral en contextos académicos**. Chile: Universidad de Chile; 2019
- Parejo Cuéllar M, Martín Pena D, Vivas Moreno A. **La divulgación científica. Estructura y prácticas en las universidades**. Barcelona: Gedisa Editorial; 2017

INTERNET Resources:

<https://www.ncbi.nlm.nih.gov/pmc/>

<https://www.scopus.com/>

TEACHING STAFF *(It should be indicated whether teachers have completed all their teaching dedication or not)

Teacher Responsible (coordinator): Lucía Cea Soriano

Department: Public Health and Maternal-Child Health

Teaching dedication:

Teachers:

- Name: Lucía Cea Soriano
Department: Public Health and Maternal-Child Health
- Name: José Pulido Manzanero
Department: Public Health and Maternal-Child Health
- Name: Luis Sordo del Castillo
Department: Public Health and Maternal-Child Health