



Universitat de Lleida

DEGREE CURRICULUM
**REVISIÓN DE LA LITERATURA
Y REDACCIÓN DE
DOCUMENTOS CIENTÍFICO-
TÉCNICOS**

Coordination: VALENZUELA PASCUAL, FRANCESC

Academic year 2022-23

Subject's general information

Subject name	REVISIÓN DE LA LITERATURA Y REDACCIÓN DE DOCUMENTOS CIENTÍFICO-TÉCNICOS			
Code	14096			
Semester	2nd Q(SEMESTER) CONTINUED EVALUATION			
Typology	Degree	Course	Character	Modality
	Master's Degree in Research, Innovation and Health Transfer	1	OPTIONAL	Blended learning
Course number of credits (ECTS)	6			
Type of activity, credits, and groups	Activity type	PRAULA	TEORIA	
	Number of credits	3	3	
	Number of groups	1	1	
Coordination	VALENZUELA PASCUAL, FRANCESC			
Department	NURSING AND PHYSIOTHERAPY			
Important information on data processing	Consult this link for more information.			

Teaching staff	E-mail addresses	Credits taught by teacher	Office and hour of attention
MARTINEZ NAVARRO, ORIOL	oriol.martinez@udl.cat	2	
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Subject's extra information

The subject Review of the literature and writing of scientific-technical documents is an optional subject of 6 ECTS. The subject is aimed at all those who want to delve into the field of reviews and their different methodologies, thus, it is a deepening of the mandatory subject Information Management in the field of health sciences.

Reviews are necessary in health science research and, depending on the objective of the research, it will be necessary to apply the appropriate review methodology, either to make an analysis of what has been published, of the available scientific evidence, of future lines of research or phenomena among others.

The language of instruction is mainly Spanish and, according to the demands of the students, in Catalan and English. The subject is presented in an eminently practical and applied way, although to take advantage of it it is necessary to have passed and achieved with excellence the concepts of the compulsory subject Information Management in the field of health sciences.

This subject is basically a non-face-to-face subject, structured so that each person can progress according to their availability and dedication, with the help of the Virtual Campus and the teaching staff. The Virtual Campus is made available to students with the material and resources necessary to follow the subject, as well as the activities and tests to be carried out and passed. The tutorials are done through videoconference, as well as sessions for the follow-up of the subject and resolution of doubts.

There are face-to-face sessions on the subject scheduled within the days of the master's degree. If in the end the face-to-face sessions could not be carried out, the sessions will be made by synchronous videoconference through the Virtual Campus, or they will be made available to the students in video / presentation format recorded on the Virtual Campus.

The course begins with the introduction of the need to adapt the review to the objective of the research to be carried out. This first approach will allow working on the different concepts and methodologies of the different approaches to reviews. Literature reviews, rapid reviews, scoping reviews, review reviews, qualitative meta-synthesis, and finally systematic reviews. There will be a deepening of the different tools for evaluating the studies according to their design and, therefore, in each of the methodologies of the reviews, the process of extracting the results of the studies that are included will be considered, as well as the presentation of these.

Finally, a deepening of meta-analyzes and meta-syntheses will be carried out.

It is intended that upon passing the subject the student will be able to design, propose and carry out and interpret the procedures related to the different review methodologies.

For the recovery of the studies, the tools learned in the compulsory subject Information management in the field of health sciences will be used, later a detailed explanation of the available bibliographic managers Mendeley,

Endnote and Zotero for bibliography management will be made, As well as for the selection and extraction of the results, the different tools available in the field of bibliographic management will be used.

Learning objectives

- To know and use advanced quantitative and qualitative data analysis techniques.
- To demonstrate proficiency in the use and management of software for data analysis of a study of its own scientific field.
- To know and apply the literature review techniques according to the specific type of review.
- To know the fundamentals and the most frequently used methodological techniques used in the construction, validation and analysis of health questionnaires.
- To have acquired advanced knowledge, in a context of scientific research, a detailed and well-founded understanding of the methodological aspects.

Competences

- **Basic**

CB8 That students are able to integrate knowledge and face the complexity of formulating judgments based on information that, being incomplete or limited, includes reflections on the social and ethical responsibilities linked to the application of their knowledge and judgments.

- **General**

CG2 Consider the gender and equality perspective in the scientific field in Health

CG4 Apply information and computing technologies in the scientific-technical field

- **Specific**

CE4 Use the appropriate techniques to analyze the data and the relationships between variables or categories in qualitative research in health sciences

CE5 Use scientific language in the communication and transfer of health research results

CE7 Apply the bases of scientific evidence in health sciences and recognize the need for innovation and knowledge transfer

Subject contents

- General framework of a literature review
- Type of literature reviews:revisión sistematizada
 - scoping review
 - Umbrella review
 - Systematic review
- Stages of a review
- Quality of investigations
- Main sources of bias

- Tools to evaluate the quality of the studies
- Selection and extraction of information
- Results and Discussion
- Meta analysis
- Meta synthesis

Methodology

The teaching methodology is aimed at the development of student learning through theoretical classes-seminars, cases and activities directed with the participation of students, apart from the work that the student must develop following problems and assumptions raised. The enrolled people work autonomously directed by the teaching staff. There are face-to-face sessions to summarize, clarify the concept and present doubts.

The non-face-to-face dynamics are managed through the CV with the tools of advertisements, messaging, videoconferences and others. Work and follow-up sessions are planned for videoconferencing, as well as tutorials on demand.

If, finally, the face-to-face sessions could not be carried out due to Covidien-19 or other circumstances, the sessions will be done through synchronous videoconference through the CV, or they will be made available to students in video format / presentation recorded in the CV.

Evaluation

For the evaluation of the subject, the evaluation regulations of the UdL are followed.

The tests that make up the evaluation system are: attendance and participation in online videoconferences; attendance and participation in face-to-face activities; group activity and written test.

The statements of the evaluation activities are in Catalan, Spanish and English. The student can write the answer, if applicable, in any of the official languages of the University. The evaluation is continuous and takes place within the defined school period for the subject or subject, in accordance with the academic calendar of the course approved by the Governing Council. No alternative evaluation is foreseen.

The activities and tests will be carried out through the tools of the UdL CV, therefore it is essential to have a computer and access to the CV during the academic year. To carry out the activities, you must handle statistical software either with your own computer or using the computers available at the UdL.

The written exams are scheduled online and the conditions and format of the test will be published a few days before its completion (number of questions, penalty for incorrect answers, ...).

Students who require or plan to require adaptations in the evaluation tests should contact the professor responsible for the subject during the first 15 days from the start of the course to assess their situation.

The final weight of the grade for the evaluation activities is:

- Attendance and participation in online and face-to-face activities: 21%. Exceptional situations of non-attendance will be discussed with the teacher at the beginning of the course.
- Grupal activity: 29%: test, activities, forum, group activity on the contents of the sessions, etc .
- Written test: 50%. In order to pass the subject, a grade higher than 50% of the possible grade must be achieved. This activity is entitled to recovery

It is possible that evaluation activities or results of evaluations are taken into account, which can serve to modulate the grade in specific situations.

To pass the subject, a mark of more than 50% of the possible mark must be achieved in each activity.

The course is approved if the final grade taking into account all the passed evaluative evidence is higher than 5/10.

Rating scale: 0.00-4.99: failure; 5.00-6.99: approved; 7.00-8.99: remarkable; 9.00-10.00: excellent.