COURSE DATA

DATA SUBJECT

Code: 43023
Name: Sources of information, scientific and social communication in the context of health
Cycle: Master's Degree
ECTS Credits: 7
Academic year: 2025-26

STUDY (S)

Degree	Center	Acad. year	Period
2138 - Master's Degree in Research in and Rational Use of Medicines	Facultat de Farmàcia i Ciències de L'alimentació	1	First quarter

SUBJECT-MATTER

Degree	Subject-matter	Character
2138 - Master's Degree in Research in and Rational Use of Medicines	Sources of information, scientific and social communication in the context of health	COMPULSORY

COORDINATION

BENEDITO MONLEON MARIA DESAMPARADOS

LUCAS DOMINGUEZ RUTH

MONTESINOS MEZQUITA MARIA CARMEN

SUMMARY

The topic is an obligatory subject in the master. This course is geared to the student to access and appreciate the quality of scientific information, especially related to drugs. Also introduced into the characteristics required of scientific communication both orally and in writing. It is a basic subject for the further development of materials which are required to consult and develop and manage research papers scientific literature, but also essential to guide the clinician in finding information and its transmission to the patient or other health professionals . It is complemented by the acquisition of basic communication skills that every professional should have, for better user interaction within the field of health. Its instrumental nature allows fitting in with the other subjects providing a valuable tool to facilitate learning and professional performance.

PREVIOUS KNOWLEDGE

RELATIONSHIP TO OTHER SUBJECTS OF THE SAME DEGREE

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

OTHER REQUIREMENTS

There is no registration restriction

COMPETENCES / LEARNING OUTCOMES

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

Students should be able to integrate knowledge and address the complexity of making informed judgments based on incomplete or limited information, including reflections on the social and ethical responsibilities associated with the application of their knowledge and judgments.

DESCRIPTION OF CONTENTS

1. Drug information sources

Item 1. Drug information sources. Biomedical databases.
Item 2.Resumen issue of the technical characteristics of the drugs and prospects.
Item 3. The information provided by the pharmaceutical industry.
Item 4. Analysis and critical interpretation of the scientific literature.
Item 5. Drug information centers.
Item 6. Active information and passive information.
Item 7. The methodology in drug selection.
Item 8. Quality Indicators: Evidence-Based Medicine

2. Scientific Communication

Item 9. Communication and development of information on topics of drugs.
Item 10. Design, methodology and quality of scientific communication.
Item 11. Oral communication skills: communication in congress, conference, debate, etc.
Item 12. Techniques for scientific writing, research projects and reports.

3. Social skills for health professionals

Item 13. The interaction between health professional and patient: aspects that regulate interpersonal relationship in the context of health.
Item 14. Improving communication skills with patients: skills training in communication skills.
Item 15. Improving compliance with the requirements of the patient treatment.

WORKLOAD

PRESENCIAL ACTIVITIES

Activity	Hours
Tutorials	5,00
Theory	25,00
Seminar	20,00
Group work	20,00
Total hours	**70,00**

NON PRESENCIAL ACTIVITIES

Activity	Hours
Attendance at other activities	0,00
Individual or group project	55,00
Independent study and work	0,00
Preparation of lessons	20,00
Preparation for assessment activities	0,00
Resolution of case studies	30,00
Total hours	**105,00**

TEACHING METHODOLOGY

During the activities, both theoretical and practical, the applications of the subject contents in relation to the Sustainable Development Goals (SDG) will be indicated. This is intended to provide knowledge, skills and motivation to understand and address these SDGs, while promoting reflection and criticism.

Lectures. Aimed to obtaining basic skills. The dogmatic method combined with the heuristic method will be used for the presentation of the fundamental concepts and the most relevant contents of the subject, using the audiovisual media necessary for their development.

Expert Conferences and Seminars. Different problems are proposed, to be solved by the students and discussed in face-to-face sessions under the supervision of the teacher, which will imply an active participation of the student.

Group work. Approach of different group works to implement and develop the content of the topics and techniques studied. There will also be discussions on real situations and current issues. In these debates it is the students who have to contribute arguments, defend them and agree on solutions.

Tutorials. The tutorials are organized in small groups of students, according to the established calendar. In them, the teacher will individually or collectively ask specific questions of greater complexity than those solved in ordinary seminars according to the needs of the students. Likewise, the tutorials will serve to solve the doubts that may have arisen throughout the theoretical classes and to advise students on the strategies to follow to avoid the difficulties that may arise.

Discussions and other activities. To complete teaching, students will carry out, exhibit and discuss written works, oral presentations and various scientific communication and dissemination activities, which will be

reviewed by their peers, analyzing key items to ensure good communication. These activities can be carried out through the virtual classroom, such as tasks, videoconferences, forum, chat, etc.

EVALUATION

There will be a formative assessment throughout the course, based on the resolution of problems and issues (30%), jobs (30%) and oral presentations (35%).

It will also make a final test (5%)

To pass the course will require attendance at 80% of the sessions and obtaining a score greater than or equal to 50% in each section evaluated.

Evidence of copying or plagiarism in any of the assessable tasks will result in failure to pass the subject and in appropriate disciplinary action being taken. Please note that, in accordance with article 13. d) of the Statute of the University Student (RD 1791/2010, of 30 December), it is the duty of students to refrain from using or participating in dishonest means in assessment tests, assignments or university official documents.

In the event of fraudulent practices, the "**Action Protocol for fraudulent practices at the University of Valencia**" will be applied (ACGUV 123/2020): https://www.uv.es/sgeneral/Protocols/C83sp.pdf

REFERENCES

- -Cabello López J.B. Lectura crítica de la evidencia clínica. Madrid, Elsevier, 2015. -Ferragud C, Vidal A, Bertomeu JR, Lucas R. Documentación y metodología en ciencias de la salud. Valencia: Nau Llibres; 2017. -Fuentes de información de medicamentos. INFAC 2011: 19(6). Disponible en: http://www.chospab.es/biblioteca/Fuentes_de_Informacion_de_Medicamentos.pdf -Guyatt G. et al. User's guide to the medical literature. A manual for evidence-based clinical practice, 3ª ed., McGraw-Hill, Columbus, EE.UU., 2015. -Mabrouki K, Bosch F. Redacción científica en biomedicina: lo que hay que saber CUADERNOS DE LA FUNDACIÓN DR. ANTONIO ESTEVE Nº9, Fundación Dr. Antonio Esteve 20010 http://www.esteve.org - Serés E, Rosich L, Bosch F. Presentaciones orales en biomedicina. Aspectos a tener en cuenta para mejorar la comunicación. Cuadernos de la Fundación Dr. Antonio Esteve Nº20. Barcelona: Fundación Dr. Antonio Esteve 2010, http://www.esteve.org - Materiales CASPe. Lectura crítica. Disponible en http://www.redcaspe.org