

26706 - Research and new technology

Información del Plan Docente

Academic Year	2016/17
Academic center	104 - Facultad de Medicina 229 - Facultad de Ciencias de la Salud y del Deporte
Degree	304 - Degree in Medicine 305 - Degree in Medicine
ECTS	6.0
Course	1
Period	First semester
Subject Type	Basic Education
Module	---

1. Basic info

1.1. Recommendations to take this course

1.2. Activities and key dates for the course

2. Initiation

2.1. Learning outcomes that define the subject

2.2. Introduction

3. Context and competences

3.1. Goals

3.2. Context and meaning of the subject in the degree

3.3. Competences

3.4. Importance of learning outcomes

4. Evaluation

5. Activities and resources

5.1. General methodological presentation

5.2. Learning activities

5.3. Program

PROGRAM OF THEORETICAL CLASSES: AGENDA

I. Methodology and Documentation

1. Scientific and technological system (I+D+i)

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2. Sources of information. Scientific communication
3. Bibliometric indicators and dissemination of publications
4. Methodology of scientific research (I)
5. Methodology of scientific research (II)
6. Methods of collecting information. Surveys
7. Health information systems. Demographic sources
8. Qualitative research: life stories

II. History and theory of medicine

09. Origin and distribution of diseases
10. Historical evolution of health care
11. Structure and function of the hospital: main models
12. Historical genealogy of the health professions
13. Professional profile of the doctor: a gender perspective
14. Models of teaching and learning medicine
15. The morphological sciences
16. The functional sciences
17. The science of pathology and clinical
18. The therapeutic sciences
19. Scientific and social structure of physician-patient relations
20. Scientific language and medical terminology
21. Patterns of the change and progress in science

III. Health system

22. Medicine as social and cultural system
23. Alternative Medicines: scientific and cultural structure
24. Coexistence of medical systems in developed societies
25. Itineraries for recovering health
26. Medical history and research
27. Health concept in Medicine
28. Social inequality and health
29. Rationality and decision making: MBE, guidelines and protocols.
30. Medical registers and social inequality (I)
31. Medical registers and social inequality (II)

PROGRAM WORKSHOPS (2 hours / session)

Methodology and scientific and medical documentation

1. Types of scientific and medical documents and standards Vancouver
2. Types of medical journals. Analysis of the structure of the journal articles
3. Stages and types of research: analysis of the material and methods and bibliography
4. Global analysis of a journal article and bibliographic information management
5. Data processors I: Excel
6. Data processors II: SPSS
7. Bibliographic resources of the University of Zaragoza.
8. Medical databases from Spanish literature
9. International bibliographic databases
10. Scientific impact databases (WOS). Webs' information searchers (Google)
11. Clinical records. Document types and usefulness of the data.

5.4.Planning and scheduling

5.5.Bibliography and recommended resources