

Academic Year/course: 2021/22

## 29308 - Scientific documents in odontology

### Syllabus Information

**Academic Year:** 2021/22

**Subject:** 29308 - Scientific documents in odontology

**Faculty / School:** 229 - Facultad de Ciencias de la Salud y del Deporte

**Degree:** 442 - Degree in Odontology

**ECTS:** 6.0

**Year:** 1

**Semester:** Second semester

**Subject Type:** Optional

**Module:**

### 1. General information

### 2. Learning goals

### 3. Assessment (1st and 2nd call)

### 4. Methodology, learning tasks, syllabus and resources

#### 4.1. Methodological overview

The methodology followed in this course is oriented towards the achievement of the learning objectives. It favors the acquisition of knowledge related to biostatistics, and health services. A wide range of teaching and learning tasks are implemented, such as lectures, practice sessions, assignments, and autonomous work.

Students are expected to participate actively in the class throughout the semester.

Classroom materials will be available via Moodle. These include a repository of the lecture notes used in class, the course syllabus, as well as other course-specific learning materials, including a discussion forum.

Further information regarding the course will be provided on the first day of class.

#### 4.2. Learning tasks

This 6 ECTS course is organized as follows:

- **Lectures** (2.5 ECTS: 20 hours). Sessions of 50 minutes each one with all the students. The professor will explain the theoretical contents, which are available in advance on the virtual platform Moodle.
- **Practice sessions** (1.5 ECTS: 20 hours). Sessions where students work with case studies and problem-solving tasks.
- **Assignments** (1 ECTS: 21 hours). In small groups, students will prepare an essay (which includes bibliographical research, analysis, summary, scientific rigor, coherence of expression and citations). They will submit a written copy at the end of the course and will do an oral presentation.
- **Autonomous work and study** (1 ECTS: 10 hours). Time devoted to study the course contents and prepare the sessions and assignments.

#### 4.3. Syllabus

This course will address the following topics:

1. Lectures:

- Topic 1. Health concept in Medicine. Social inequality and health.
- Topic 2. Scientific and technological system (I+D+i).
- Topic 3. Information sources. Scientific communication. How to find and use scientific information.
- Topic 4. Bibliometric indicators and dissemination of publications.
- Topic 5. The methodology of scientific research (I). Models of change and scientific progress.
- Topic 6. The methodology of scientific research (II). The efficient search of the scientific literature.
- Topic 7. The methodology of scientific research (III). The presentation of scientific communication.
- Topic 8. Structure and theory of the medical act. Scientific language and the technicalities. Dental Classification of Diseases: ICD-OE.
- Topic 9. Itineraries for recovering health. Medical history and research.
- Topic 10. Research in Health Economics. Basic concepts.

2. Practice sessions:

- Session 1. Types of scientific and medical documents and standards Vancouver.
- Session 2. Types of medical journals. Analysis of the structure of the journal articles.
- Session 3. Phases and types of research: analysis of the material and methods and bibliography. Bibliographic information management.
- Session 4. Bibliographic resources of the University of Zaragoza.
- Session 5. Medical databases from Spanish literature (IBECS, ISOC).
- Session 6. International bibliographic databases (PubMed).
- Session 7. Scientific impact databases (WOS/JCR). Webs information searchers (Google).
- Session 8. The computerized Clinical History. Types of documents and data utility. ICD-O coding
- Session 9. Exhibition of the final work

#### 4.4. Course planning and calendar

Further information concerning the timetable, classroom, office hours, assessment dates and other details regarding this course will be provided on the first day of class or please refer to the Faculty of Health and Sports Sciences website and Moodle.

#### 4.5. Bibliography and recommended resources

To consult the bibliography and recommended resources, you must access the *Recommended Bibliography* link.