

26020 - Public health

Syllabus Information

Academic year: 2023/24

Subject: 26020 - Public health

Faculty / School: 127 - Facultad de Ciencias de la Salud

Degree: 276 - Degree in Occupational Therapy

ECTS: 6.0

Year: 3

Semester: Annual

Subject type: Compulsory

Module:

1. General information

The subject and the expected results respond to the following approaches and objectives:

- To provide knowledge to understand the health-disease relationship and the factors that modify it.
- To provide students with knowledge that will help them understand and apply health research and intervention methods.
- To provide the necessary knowledge to participate in the development and evaluation of strategies, plans and health programs in the field of occupational therapy.

These approaches and objectives are aligned with the SDGs of the 2030 Agenda in such a way that the learning results provide training and competencies to contribute, to some extent, to the achievement of SDG 3: Health and wellness; 4: Quality education and 10: Reduction of inequalities.

2. Learning results

Upon completion of the subject, the student will be able to:

1. Analyse the main determinants of health in different population groups
2. Know the applications of epidemiology in the practice of Occupational and Public Health Therapy
3. Obtain and use epidemiologic data and assess trends and risks for health decision making
4. Assume their role in the actions of prevention and protection against diseases, injuries or accidents and in the maintenance and promotion of health, both at the individual and community levels.
5. Know the organization of the Health System and the environments and conditioning factors of the different health systems
6. Know the organization of the Health System and the impact of social and health policies on professional practice
7. Know, critically evaluate and know how to use clinical and biomedical information sources to obtain, organize, interpret and communicate scientific and health information.
8. Recognize and enhance the role of the Occupational Therapist in health promotion and disease prevention activities.

3. Syllabus

Block I: Introduction to Public Health

1. Health and disease. Determinants and inequalities
2. Assessment of health status
3. Concept and functions of Public Health

Block II: Epidemiology and Methodology of Occupational Therapy Research

4. Concept and applications of epidemiology
5. Frequency measures in epidemiology
6. Measures of association and potential impact
7. Descriptive and cross-sectional studies
8. Cohort studies
9. Case-control studies
10. Intervention studies
11. Diagnostic test studies
12. Bibliographic search and review of scientific literature.

Block III. Health Services and Management. Health Programs

13- Health care. Social system and health system

14- Spanish healthcare system. Characteristics and organization

15- Health management information systems

Block IV. Prevention of Health Problems of Interest in Occupational Therapy

16 . Epidemiology and prevention of communicable diseases

17- Epidemiology and prevention of non-communicable diseases.

4. Academic activities

The learning process designed for this subject is based on the development of the following activities:

A- Face-to-face

Master class (40 h): expository and participative type (3 hours/week)

Practical classes and seminars in small groups (20 h). There are 10 mandatory practical sessions based on problem solving and case studies.

Group and/or individual tutoring.

B- Non-face-to-face

Teaching assignments and other activities (27 h)

Self-study and evaluation (63 h): theoretical and practical contents

Attendance to and participation in the scheduled classroom sessions is recommended, as well as the completion of the individual work scheduled. In previous years we have seen how learning and the achievement of the results is clearly favoured with the follow-up and use of the proposed activities.

Key dates and all complementary information will be available in the subject's ADD.

This is a compulsory annual subject adapted to the modular structure of the third year of the degree in OT.

5. Assessment system

1. There will be a **final written test** on the contents of the program (**60% of the overall grade**).

Format: 30 multiple-choice questions on the theoretical and practical contents of the classroom sessions and 10 multiple-choice/short questions related to the problems and cases studied in the subject. A minimum grade of 15 points in the theoretical part and 5 points in practical content is required . Both parts must be passed . Errors on the test will subtract 0.25 points.

July call: identical characteristics.

2. Resolution of **exercises, reports and other works proposed in the term (30% of the overall grade)**

The material presented, the ability to search and synthesize information, bibliographic consultation and selection of relevant websites will be evaluated.

3. In addition, **participation in different voluntary activities** that will be carried out throughout the term, both face-to-face and non-face-to-face, will be valued : completion of the self-evaluation activities before the corresponding theoretical class, collaboration in activities in theoretical classes, attendance to voluntary seminars... Depending on the activities programmed for each term, this grade increase will be a maximum of 10% additional to the final grade.

Students who do not attend the proposed training activities and those who are not satisfied with the grade obtained may sit for a global test that will allow to verify that they have achieved the expected learning results