

**COURSE DATA****Data Subject**

<b>Code</b>	33018
<b>Name</b>	Community physiotherapy and public health
<b>Cycle</b>	Grade
<b>ECTS Credits</b>	4.5
<b>Academic year</b>	2023 - 2024

**Study (s)**

<b>Degree</b>	<b>Center</b>	<b>Acad. year</b>	<b>Period</b>
1202 - Degree in Physiotherapy	Faculty of Physiotherapy	2	Second term

**Subject-matter**

<b>Degree</b>	<b>Subject-matter</b>	<b>Character</b>
1202 - Degree in Physiotherapy	12 - Legislation, public health and health administration	Obligatory

**Coordination**

<b>Name</b>	<b>Department</b>
FAUBEL CAVA, RAQUEL	191 - Physiotherapy
SEMPERE RUBIO, NURIA	191 - Physiotherapy

**SUMMARY**

- Concept of public health
- Organization of the Spanish Health System
- Social factors that influence the health.
- Concept of epidemiology and evolution.
- Role of Physiotherapy in Primary Care, Community and Labor
- Concept and means of health education in Physical Therapy.



- Environmental cleaning.
- The criteria and indicators to ensure quality service delivery of physiotherapy, using good clinical practice guidelines and professional standards.

## PREVIOUS KNOWLEDGE

### Relationship to other subjects of the same degree

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

### Other requirements

## COMPETENCES (RD 1393/2007) // LEARNING OUTCOMES (RD 822/2021)

### 1202 - Degree in Physiotherapy

- Students must have acquired knowledge and understanding in a specific field of study, on the basis of general secondary education and at a level that includes mainly knowledge drawn from advanced textbooks, but also some cutting-edge knowledge in their field of study.
- Students must be able to apply their knowledge to their work or vocation in a professional manner and have acquired the competences required for the preparation and defence of arguments and for problem solving in their field of study.
- Students must have the ability to gather and interpret relevant data (usually in their field of study) to make judgements that take relevant social, scientific or ethical issues into consideration.
- Students must be able to communicate information, ideas, problems and solutions to both expert and lay audiences.
- Students must have developed the learning skills needed to undertake further study with a high degree of autonomy.
- Incorporate the profession ethical and legal principles as a professional culture.
- Develop planning, management and monitoring activities in the physiotherapy services.
- Recognise diversity, multiculturalism, democratic values and peace culture.
- Work in teams.
- Have the ability to organise and plan work.
- Know and develop health administration and management processes, especially in physiotherapy services.
- Know how to apply the criteria and indicators that guarantee the quality in the provision of the physiotherapy service, by following good clinical practices guides and professional standards.



- Know the ethical, legal and professional conditions of the physiotherapy practice.
- Know the code of ethic of the profession and the legal regulations in the professional sphere.
- Know how to incorporate the ethical and legal principles of the profession into the professional culture.
- Know the main concepts of health, health systems and healthcare levels.
- Know the factors involved in the problems of social inequality and in the health
- Promote healthy lifestyles habits through health education.
- Know the Spanish health system.

## **LEARNING OUTCOMES (RD 1393/2007) // NO CONTENT (RD 822/2021)**

The student will apply the criteria and indicators to ensure the quality of physiotherapy service delivery through the use of clinical practice guidelines and professional standards. Also learn about the fundamental concepts of health, health systems and healthcare, and factors involved in the problems of social inequality and health needs of different social groups.

## **DESCRIPTION OF CONTENTS**

### **1. THEORICAL PROGRAM (35 H)**

#### SECTION I: Introduction to Public Health

- Chapter 1: Concept of Health and Disease
- Chapter 2: Current concept and purposes of Public Health

#### SECTION II: Health determinants

- Chapter 3. Conceptual basis and relevant health determinants
- Chapter 4. Environmental health determinants
- Chapter 5. Social determinants and health inequalities
- Chapter 6. Determinants of gender and culture
- Chapter 7. Determinants of the work environment

#### SECTION III: Strategies and interventions for Public Health and Community Health.

- Chapter 8. Health Promotion and Health Education
- Chapter 9. Health literacy and health communication
- Chapter 10. Evaluation of services and interventions and evidence in Public Health

#### SECTION IV: HealthCare Systems

- Chapter 11. HealthCare Systems planning and organization

#### SECTION V: Community Health on Physiotherapy

- Chapter 12. Primary care and Community Health.
- Chapter 13. Physiotherapy in primary care, community and occupational care and indicators.



- Chapter 14. Community Physiotherapy throughout life

**SECTION VI: Demography and epidemiological methodology**

- Chapter 15. Epidemiology
- Chapter 16. Demography and health

**SECTION VII: Disease epidemiology and prevention on some health problems**

- Chapter 17. Communicable Diseases
- Chapter 18. Sexually transmitted infections and HIV
- Chapter 19. Injuries and violence

## 2. PRACTICAL PROGRAM (10H)

Practice 1: Community Health

Practice 2: Epidemiology and Communicable Diseases

Practice 3: Public health through cinema

Practice 4: Health agents. About the case: Female genital mutilation in Spain

Practice 5: Intervention projects

## WORKLOAD

ACTIVITY	Hours	% To be attended
Theory classes	35,00	100
Classroom practices	10,00	100
Development of individual work	30,50	0
Study and independent work	6,00	0
Preparation of evaluation activities	21,00	0
Preparing lectures	10,00	0
<b>TOTAL</b>	<b>112,50</b>	

## TEACHING METHODOLOGY

The course consists of a theoretical and practical.

During the theoretical sessions will use a teaching-learning methodology based on participatory lecture. Also, within this same block will raise certain activities for the study and resolution of cases related to the subject taught, as well as various cooperative learning exercises. Students know in advance the issues in order to clarify doubts, concepts and encourage their participation. Be conducted by media for easy explanation.

In the practical classes are conducted simulation exercises and will present different practical proposals developed by the students. Student work will be guided and reflected in previous activities. Besides theoretical issues will be strengthened with dynamic and general intervention procedures contained in this course through simulation exercises, audiovisuals, case studies and small group work.



The presence at practices is mandatory, you can miss only 20%, with justification.

**“The teaching program may be modified during the development of the course if the teacher under teacher quality criteria and assimilation of knowledge by the student, it deems appropriate”.**

## EVALUATION

### 1. THEORY PROGRAM (65% of final mark)

**1.1 TEST 1.** Exam Type Test (90%): with 30 multiple choice questions, with correct one of four response options. Score= [successes – (failures/options-1)] x (highest score/number of questions).

**1.2 TEST 2.** Test 2. Short answer exercise (10%). Orthographic errors will be penalized.

### 2. PRACTICAL PROGRAM (35% of final mark)

**2.1 TEST 1.** Intervention project on community physiotherapy. Assesment through rubric (80%).

**2.2 Attendance.** The attendance at practical classes is mandatory (15%).

**2.3 CONTINUOUS ASSESSMENT ACTIVITIES.** Delivery of three activities proposed during the course (5%).

The final grade for the course will be averaged provided that the student has obtained at least 5 of 10 in each of the parties, theory and practice.

It should be taken into account the following practical considerations:

- To pass the practical program is necessary to deliver the intervention project and to attend 80% of practices including participation and being active during the practice.
- Orthographic errors will be penalized. Plagiarism in the intervention project implies the fail of the subject.
- Intervention project is a group work. It cannot be developed as an individual task.
- Missed attendance to practical classes –with justifiable cause- could be retaken with a test about practical concepts.
- Continuous assessment activities that are not delivered within the established period will not be recoverable. At the beginning of the course in the virtual classroom there will be a document with more details.





## REFERENCES

### Basic

- Martínez González, MA. Conceptos de salud pública y estrategias preventivas: un manual para ciencias de la salud. 2ª edición. Ed. Elsevier. Barcelona, 2018
- Martín Zurro A; Jodar Solá, G. Atención familiar y salud comunitaria: conceptos y materiales para docentes y estudiantes. 2ª edición. Ed. Elsevier. Barcelona, 2018.
- Hernández Aguado, I.; Lumbreras B. Manual de Epidemiología y Salud Pública para grados en ciencias de la salud.. (3ª ed). Ed. Panamericana. Madrid, 2018
- Seco Calvo, J / Burgos Alonso, N. Fisioterapia Comunitaria y Salud Pública Gestión, Administración Sanitaria y Educación para la Salud. Ed. Panamericana, 2022.

### Additional

- Piedrola Gil, Medicina preventiva y salud pública (12ª ed.) Ed. Elsevier Masson, 2016.
- Martín Zurro, A / Cano Pérez, J.F. Atención Primaria. Conceptos, organización y práctica. Volumen I y II 5ª Ed. Elsevier España. Barcelona, 2003.
- Pérez RM, Sáez S. El grupo en la promoción y la educación para la salud. Ed. Milenio, 2005.
- Frías Osuna, A. Salud Pública y Educación para la Salud. Ed. Masson, S.A. Barcelona, 2004.