

**Public Health**

Code: 101809  
ECTS Credits: 6

Degree	Type	Year	Semester
2500891 Nursing	OB	2	1

**Contact**

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**Use of Languages**

Principal working language: catalan (cat)

Some groups entirely in English: No

Some groups entirely in Catalan: Yes

Some groups entirely in Spanish: No

**Teachers**

Andrea Moreu Valls

Josep Maria Manresa Domínguez

**Prerequisites**

There are no official prerequisites.

**Objectives and Contextualisation**

GENERAL OBJECTIVE

Acquire competences to intervene in the areas of Health promotion, prevention, protection and recovery from the nurse practice's approach.

SPECIFIC OBJECTIVES

- Describe the health-illness process.
- Explain the natural history of the disease (prepatogenic, pathogenic and resolution period).
- Analyze the determinants of human health: biological, psychological, social and cultural, throughout the whole life.
- Analyze health inequalities according to the main axes of inequality.
- Interpret and use the main epidemiological measures to assess the state of health of the population or assess the impact of interventions.
- Identify the most relevant risk factors and behaviors that condition people's health.
- Describe the main measures of protection, prevention and promotion of health.
- Recognize the characteristics of different health systems.
- Describe the characteristics and organization of the Spanish and the Catalan Health System (levels of care).

**Competences**

- Acquire and use the necessary instruments for developing a critical and reflective attitude.

- Analyse and synthesise complex phenomena.
- Base nursing interventions on scientific evidence and the available media.
- Demonstrate knowledge of health information systems.
- Demonstrate that the interactive behaviour of the person is understood according to their gender, social group or community, within a social and multicultural context.
- Design systems for curing aimed at people, families or groups and evaluate their impact, making any necessary changes.
- Develop critical thinking and reasoning and communicate ideas effectively, both in the mother tongue and in other languages.
- Develop independent learning strategies.
- Promote healthy life styles, self-treatment, giving support to the maintenance of preventative and therapeutic conducts.
- Protect the health and welfare of people or groups attended guaranteeing their safety.
- Respect diversity in ideas, people and situations.
- Respect the environment and promote sustainable development.

## Learning Outcomes

1. Acquire and use the necessary instruments for developing a critical and reflective attitude.
2. Analyse and synthesise complex phenomena.
3. Analyse for different situations the available health and social health resources.
4. Analyse the factors involved in the health and welfare of people, families and groups attended to and ensure their safety.
5. Apply scientific evidence in planning nursing care.
6. Compare the characteristics of the main health information systems.
7. Design and modify cure plans according to the needs of people, families and groups.
8. Develop independent learning strategies.
9. Identify peoples welfare and ensure their safety.
10. Propose programmes that encourage healthy habits in adolescents.
11. Respect diversity in ideas, people and situations.
12. Respect the environment and promote sustainable development.

## Content

Public Health is the discipline that safeguards the health and well-being of the entire population through individual or collective interventions regarding health prevention, promotion and protection.

The general contents of the subject are:

- Concept of health
- Natural history of disease. Prevention and care levels.
- Determinants of health and inequalities in health
- Epidemiology: concept, frequency, association and impact measures.
- Static and dynamic demography
- Health information systems
- Health prevention, promotion and protection.
- Epidemiology of communicable diseases. Prevention and control measures.
- Epidemiology of noncommunicable diseases. Prevention and control measures.
- Occupational health
- Health systems. The Health System of Spain and Catalonia

## Methodology

### Lectures

The lectures will present the topics and general aspects of the subject.

## Specializes seminars

The methodology will be carried out in face-to-face sessions tutored by a teacher where a situation / problem will be analyzed. Through this situation / problem, students acquire skills to analyse problems, prioritize and search for information, make decisions and evaluate their activity.

The role of the student is active because they are responsible for their learning process. The role of the teacher is that of facilitator and guide in the learning process.

Each situation is worked on in two small group's sessions (approximately 20-25 students):

- In the first session (1 hour) the situation / problem is presented for its analysis and students retrieve their previous knowledge. Students revise and identify what they need to learn, creating a list of questions related to the problem. The next step consists of prioritizing taking into account the learning outcomes of the program. To finish a group work plan is elaborated and possible sources of information are identified.
- In the second session (4 hours), the sources of information used and the sections of the work plan are discussed among all the components of the group. Everyone must have the opportunity to explain what they have learned. When putting in common students evaluate and correct their prior knowledge. A summary is made with the main concepts.

The situation ends with a self-evaluation, a peer evaluation and a teacher evaluation, which will be done electronically by means of a rubric.

## Teamwork

In groups of 5-6 students there will be an oral presentation focused on a case / problem.

## Activities

Title	Hours	ECTS	Learning Outcomes
Type: Directed			
SPECIALIZED SEMINARS (SESP)	25	1	1, 3, 4, 2, 5, 6, 8, 7, 9, 10, 12, 11
TEAMWORK	5	0.2	1, 3, 4, 2, 5, 6, 8, 7, 9, 10, 12, 11
THEORY (TE)	22	0.88	1, 3, 4, 2, 5, 6, 8, 7, 9, 10, 12, 11
Type: Autonomous			
PERSONAL STUDY	89.5	3.58	1, 3, 4, 2, 5, 8, 7, 9, 10, 12, 11

## Assessment

The subject's evaluation takes into account the following sections:

- 50% of the final grade will be of the formative evaluation of specialized seminars. A rubric will be used that includes criteria of responsibility, learning abilities, communication and teamwork. Self-evaluation and peer evaluation will have a weight of 10% of this section's mark, provided they have a difference with that of the teacher smaller than 1.5 points. The characteristics of the competences that are evaluated in the specialized seminars make it difficult to retake. If a student does not pass them, the most appropriate strategy will be assessed depending on the non-achieved competences.
- 40% of the final grade will be obtained from the written evaluation by means of objective tests to evaluate the knowledge acquisition. Students who do not pass this test will be able to submit to a retake test scheduled for this purpose in the exam calendar.

- 10% of the final grade will be obtained from the evaluation of the oral presentation of a group project. If a student does not pass this section, the most appropriate strategy will be assessed depending on the non-achieved competences.

Obtaining the final grade: In order to obtain the final grade, it is necessary for students to obtain a minimum grade of 5.

It will be considered non-evaluable when students miss 30% of specialized seminars or when there is no evidence of the rest of the assessment activities.

According to agreement 4.4 of the Board of Governors 17/11/2010 of the regulations of evaluation, the qualifications will be:

- From 0 to 4.9 = Fail
- From 5.0 to 6.9 = Pass
- From 7.0 to 8.9 = Good
- From 9.0 to 10 = Excellent

The student has the right to review the evaluation tests, for this purpose a date will be specified on the virtual campus.

The assessment of special and particular situations will be evaluated by an evaluation committee set up for this purpose.

Retake exam

Each section of the assessment explains how the retake exam will be performed.

## Assessment Activities

Title	Weighting	Hours	ECTS	Learning Outcomes
Evaluation of the seminars through case studies and problem solving	50%	5	0.2	1, 3, 4, 2, 5, 6, 8, 7, 9, 10, 12, 11
Presentation of written work	10%	1	0.04	1, 3, 4, 2, 5, 6, 8, 7, 9, 10, 12, 11
Written evaluation through objective tests: multiple choice questions	40%	2.5	0.1	1, 3, 4, 2, 5, 6, 8, 7, 9, 10, 12, 11

## Bibliography

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- Piedrola Gil. Medicina preventiva y salud pública. 12ª ed. Barcelona: Masson; 2016.
- Martínez F., Antó, J. M., Castellanos, P. L., Gili, M., Marset, P., Navarro, V. Salud pública. Madrid: McGraw-Hill/Interamericana de España; 1998.
- Hernández-Aguado, I. et al. Manual de epidemiología y salud pública: para grados en ciencias de la salud. 2ª ed. Madrid: Médica Panamericana; 2011.
- Gordis, L. Epidemiología. 3ª ed. Barcelona: Elsevier; 2005.
- Frías Osuna, A. Salud pública y educación para la salud. Barcelona: Masson; 2000.
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- Martín Zurro, A. et al. Atención Primaria. Conceptos organización y práctica clínica. 7ª ed. Barcelona: Doyma; 2014.
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