



## Information about the subject

**Degree:** Bachelor of Science Degree in Human Nutrition and Dietetics

**Faculty:** Faculty of Medicine and Health Sciences

**Code:** 1312002 **Name:** Attention in Community Health

**Credits:** 6,00 **ECTS** **Year:** The course is not offered this academic year **Semester:** 1

**Module:** Eligibility Module

**Subject Matter:** Community Health Care **Type:** Elective

**Department:** Biostatistics, Epidemiology and Public Health

**Type of learning:** Classroom-based learning

**Languages in which it is taught:**

**Lecturer/-s:**



## Module organization

### Eligibility Module

Subject Matter	ECTS	Subject	ECTS	Year/semester
ICT	6,00	ICTs	6,00	4/1
Community Health Care	6,00	Attention in Community Health	6,00	This elective is not offered in the academic year 23/24
Functional Foods and Nutraceuticals	6,00	Functional and Nutraceutical Food	6,00	4/1
Food microbiology	6,00	Food Microbiology	6,00	4/1

## Recommended knowledge

Not applicable

## Learning outcomes

At the end of the course, the student must be able to prove that he/she has acquired the following learning outcomes:

- R1 Understanding and assimilation of the concepts included in the course content.
- R2 Ability to solve problems related to these contents using different resources.
- R3 Understanding and proper use of language, as well as correct writing and presentation of data.



## Competencies

Depending on the learning outcomes, the competencies to which the subject contributes are (please score from 1 to 4, being 4 the highest score):

BASIC		Weighting			
		1	2	3	4
CB2	Students know how to apply their knowledge to their work or vocation in a professional way and possess the skills that are usually demonstrated through the elaboration and defense of arguments and the resolution of problems within their area of study.			X	
CB3	Students have the ability to gather and interpret relevant data (usually within their area of study) to make judgements that include reflection on relevant social, scientific or ethical issues.			X	
GENERAL		Weighting			
		1	2	3	4
CG22	Students collaborate in the planning and development of food, nutrition and food security policies based on the needs of the population and the protection of health.			X	
CG25	Students participate in the management, organization and development of food services.		X		
SPECIFIC		Weighting			
		1	2	3	4
CE24	To collaborate in consumer protection within the framework of food safety.			X	
CE50	Design and carry out nutritional assessments to identify the needs of the population in terms of food and nutrition, as well as to identify the determinants of nutritional health			X	



## Assessment system for the acquisition of competencies and grading system

Assessed learning outcomes	Granted percentage	Assessment method
R1, R3	10,00%	Evaluation of the use of the practical classes in the classroom, of problems or computers, seminars and tutorials. Through attendance, and participation in the different activities proposed.
R2, R3	60,00%	Written evaluation of the knowledge and skills obtained. The test may consist of a series of open-ended or multiple-choice questions on the theoretical content of the subject and/or practical exercises (problem solving).
R1, R2	30,00%	Evaluation of individual or group practices or activities, in which information related to each of the subjects must be sought and structured, and cases or problems resolved. This is done through a system of continuous evaluation throughout the course, which involves the delivery and / or exposure of work, whose objectives and content will be proposed by the teacher.

### Observations

#### MENTION OF DISTINCTION:

The mention of Distinction will be awarded to students who have achieved a score equal to 9,5. The number of Distinctions granted will not exceed 5% of students enrolled in a subject in the corresponding academic year unless enrollment is under 20, in which case only one Distinction may be granted. (Royal Decree 1125/2003).

In order to pass the course it is necessary to have obtained 50% of the score in the THEORETICAL PART OF THE EXAM and in the PRACTICAL PART OF THE EXAM IN THE SAME CALL. When a student does not pass one of the two parts of the exam, the grade that will appear in the minutes will be the one corresponding to the part not passed.

**AS THE EXAMINATION IS A UNIT, NO SEPARATE PARTS ARE KEPT FROM ONE SITTING TO THE NEXT.**

#### Evaluation criteria:

In order to pass the subject, it will be compulsory:

To pass with a 5 (five) both the theoretical part of the exam and the practical part of the exam.



In each of the activities, the correctness of the use of language will be evaluated. Spelling mistakes, grammatical inconsistencies and "SMS" language will result in the loss of 10% of the mark given to the exercise.

1. Written theoretical test (equivalent to 60% of the final mark: 40% test type and 20% short development questions):

It will be held at the end of the semester. It will consist of 30 multiple choice questions (multiple choice) and four alternative answers each. The following correction formula will be applied:

Test type = success - (errors/n-1) where n is the number of alternative answers.

The test type will be complemented by 5 short essay questions (equivalent to 2).

The minimum grade for passing the final theoretical test will be 3 out of 6.

2. Practical part of the exam (will have a value of 10% of the final mark):

The practical evaluation will be carried out at the end of the semester by means of a written test which could consist of an exercise in epidemiology and/or demography.

The minimum grade for passing the practical assessment will be 0.5 out of 3.

3. Individual and/or group work (equivalent to 30% of the final mark)

In order to encourage progressive learning by the student and continuous assessment of the subject, various activities will be carried out in the classroom, on the virtual campus or as autonomous work.

They will only be added to the final mark if they have passed the theoretical written test and the practical test.

### **For students enrolling for the 2nd time onwards:**

An ordinary group will be formed if there are 40 or more students registered on second or successive registrations. In the event that the number of students is lower, teaching sessions will be planned. The teacher responsible for the group of failed students (second and successive registrations) will contact the students through the virtual campus, in order to indicate the day and time of the corresponding tutorials.

### **Evaluation criteria:**

To pass the course it will be compulsory:

Pass with a 5 (five), both the final theoretical test and the practical test. If one of the two parts does NOT reach the 5 (minimum), both will be suspended and therefore no other results can be added.

- In each of the activities, correction in the use of language will be evaluated. Spelling mistakes, grammatical inconsistencies and "SMS" language will result in the loss of 10% of the mark given to the exercise.

### **MENTION OF DISTINCTION:**

According to Article 22 of the Regulations governing the Evaluation and Qualification of UCV Courses, the mention of "Distinction of Honor" may be awarded by the professor responsible for the course to students who have obtained, at least, the qualification of 9 over 10 ("Sobresaliente"). The number of "Distinction of Honor" mentions that may be awarded may not exceed five percent of the number of students included in the same official record, unless this number is lower than 20, in which case only one "Distinction of Honor" may be awarded.



## Learning activities

The following methodologies will be used so that the students can achieve the learning outcomes of the subject:

- M1 Exposition of contents by the teacher, analysis of competencies, explanation and demonstration of capacities, skills and knowledge in the classroom. The blackboard, the computer and the cannon will be used to display texts, graphics, etc.
- M2 Resolution of practical exercises and case studies, analysis of evaluation procedures and procedural intervention. All this with the support of the teacher. This aspect can be controlled through attendance and active participation in the practical sessions.
- M5 Student study: individual preparation of readings, essays, problem solving, seminars, papers, reports, etc. for discussion or delivery in electronic format.
- M7 Personalised attention and in small groups. Period of instruction and/or orientation carried out by a tutor with the aim of reviewing and discussing the materials and topics presented in the classes, seminars, readings, completion of assignments, etc. The attendance of the student and his/her level of gradual development in the knowledge of the subjects will be evaluated.
- M8 A set of tests, written or oral, used in the evaluation of the student.
- M9 Group preparation of readings, essays, problem solving, seminars, papers, reports, etc... for discussion or delivery.



## IN-CLASS LEARNING ACTIVITIES

	LEARNING OUTCOMES	HOURS	ECTS
Theoretical lessons M1	R1	33,00	1,32
Practice lessons M2	R2, R3	15,00	0,60
Seminar M2, M9		2,00	0,08
Office Hours M7		8,00	0,32
Evaluation M8	R1, R2, R3	2,00	0,08
<b>TOTAL</b>		<b>60,00</b>	<b>2,40</b>

## LEARNING ACTIVITIES OF AUTONOMOUS WORK

	LEARNING OUTCOMES	HOURS	ECTS
Autonomous work M5	R3	70,00	2,80
Group work M9		20,00	0,80
<b>TOTAL</b>		<b>90,00</b>	<b>3,60</b>



## Description of the contents

Description of the necessary contents to acquire the learning outcomes.

### Theoretical contents:

Content block	Contents
Didactic Unit I: Public Health. Generalities.	<p>Item 1. Public health, historical evolution. Health concepts. Determinants of community health.</p> <p>Item 2. Natural history of the disease. Disease prevention, prevention levels. Health promotion.</p> <p>Influence of the health system on the health of the community.</p> <p>Main health systems</p> <p>Item 3. Influence of the health system on the health of the community. Main health systems</p>
Didactic Unit II: Human ecology and environmental health:	<p>Item 4. Influence of the physical and chemical environment on the health of the community: radiation, air pollution, pesticides. Pollution of drinking water.</p> <p>Item 5. Influence of the socioeconomic environment on the health of the population. Income level. Work activity.</p> <p>Occupational health: company nursing, occupational risks, biological risk in nursing.</p>
Didactic Unit III: Lifestyle and Health.	<p>Item 6. Influence of lifestyle on community health:</p> <ul style="list-style-type: none"><li>- Toxic habits.</li><li>- Sedentarism vs. Physical activity.</li><li>- Accidents.</li></ul>
Didactic Unit IV: Demographics and Epidemiology.	<p>Item 7. Demography and public health. Health information systems. Health determinants. Diagnosis of health in the community: indicators, rates. Health demography. Static and dynamic demography.</p> <p>Item 8. Epidemiology: general concepts, objectives, uses and types. Causality in epidemiology, risk factors.</p> <p>Item 9. Epidemiological studies: descriptive, analytic, experimental and clinical epidemiology.</p>





Didactic Unit V: Epidemiology and prevention of communicable diseases.

Item 10. General aspects. Outbreak, epidemic, pandemic, endemic. Epidemiological Surveillance System, notifiable diseases "ND", epidemiological aspects of international health. Emerging issues.

Item 11. Evolution pattern of infectious disease. Phases of infectious diseases. Infectious agents, epidemiological chain, reservoir, source of infection. Transmission mechanisms. Susceptibility.

Item 12. Infection associated with the health care delivery

Item 13. Epidemiology and prevention of diseases transmitted by air.

Item 14. Epidemiology and prevention of foodborne diseases and fecal and water transmission

Item 15. Epidemiology and prevention of viral hepatitis.

Item 16. Epidemiology and prevention of sexually transmitted diseases. HIV / AIDS.

Item 17. Epidemiology and prevention of vector-transmitted diseases. Zoonoses.

Didactic Unit VI Epidemiology and prevention of chronic conditions and other public health actions.

Item 18. Epidemiology and prevention of cardiovascular disease.

Item 19. Epidemiology and prevention of cancer. Early diagnosis.

Item 20. Family violence and public health.



## Temporary organization of learning:

Block of content	Number of sessions	Hours
Didactic Unit I: Public Health. Generalities.	3,00	6,00
Didactic Unit II: Human ecology and environmental health:	3,00	6,00
Didactic Unit III: Lifestyle and Health.	2,00	4,00
Didactic Unit IV: Demographics and Epidemiology.	9,00	18,00
Didactic Unit V: Epidemiology and prevention of communicable diseases.	9,00	18,00
Didactic Unit VI Epidemiology and prevention of chronic conditions and other public health actions.	4,00	8,00

## References

1. Piédrola, G. Medicina preventiva y salud pública. 12ª Edición. Elsevier Masson. 2016. ISBN (versión electrónica): 978-84-458-2657-7. ISBN (versión impresa): 978-84-458-2605-8
2. Hernández-Aguado I. Lumbreras L. B. Manual de epidemiología y salud pública para grados en ciencias de la salud. 2018. ISBN 9788491101734 3ª edición. 420p.
3. World health organization. OMS. <https://www.who.int/es>
4. Instituto de Salud Carlos III. <https://www.isciii.es/Paginas/Inicio.aspx>