In addition to the general offer of courses taught in English, some Centers also offer for incoming students English Friendly Courses (EFC): subjects taught in Spanish, in which the syllabus summary; lecturer tutoring, examinations and/or papers are available in English.

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Semester</th>
<th>Credits</th>
<th>Schedule</th>
</tr>
</thead>
<tbody>
<tr>
<td>26459</td>
<td>Atención en Fin de Vida y Cronicidad</td>
<td>Jan. 2019 - May 2019</td>
<td>6</td>
<td>M</td>
</tr>
</tbody>
</table>

1SCHEDULE: Morning (M)/ Afternoon (A): begins at 13.30. By clicking the subject’s name, its Syllabus will appear.
Description and Contextualization of the Subject:

The subject Information systems and data analysis is a basic subject, of other branches. The curricular decree for bachelor of the Basque Autonomous Community is the starting point. Therefore, previously, students must have the following knowledge:

- Use of new technologies (operating systems, extension of files, email managers, management of files in the cloud, etc.)

- Use of word processors (formats and styles of the document, header and footer, indexes, etc)

- Use of spreadsheets (organization by cells, rows and columns, functions and basic operations, creation and modification of graphics, etc)

- Basic mathematical concepts (basic operations, absolute values, relative, natural numbers, integers, rational, irrational, etc)

- Creation of a technical text. (Using reliable information sources and their corresponding bibliographic references)

Competences to develop:

E.1.- Develop a process of search, selection, recovery, management and use of the literature generated from a research question, demonstrating skill in the management of databases and basic information of the social health field.

E.2.- Analyze the data used for scientific production in the health sciences by interpreting its adequacy and meaning.

E.3.- Perform a critical reading of research articles in Health Sciences, analyzing the methodological quality and the adequacy and interpretation of the statistics in order to assess the quality of the scientific literature.
Evaluation systems:

Continuous Evaluation System

Final Evaluation System

Tools and qualification percentages:

- Test type test (%): 30
- Internship (exercises, cases or problems) (%): 70

The evaluation will be continued (exercises of the seminars + work + exam type test). To pass this subject it is necessary to approve all the competences. The lecturers of the subject will use the following system in the evaluation:

E.1 Carry out a process of search, selection, recovery and bibliographic management, demonstrating skill in the management of basic databases of the field of health. Assessment in the final grade 30%: Seminars 1 and 10 + Work + Test type examination.

E.2.- Analyze the data used in the scientific production interpreting its adequacy and meaning, in order to assess the quality of the literature and its applicability in practice. Assessment in the final grade 40%: Seminars 2; 3.; 4.; 5.; 6. + Test type test.

E.3.- Perform a critical reading of research articles in Health Sciences, in order to discern the quality of scientific production and apply it when appropriate in clinical practice. Assessment in the final grade 30%: Seminars 7; 8.; 9. + Test type test.

If a competence is not passed, the qualification of the competence will be suspended. If two or all three competences are not passed, the average mark of suspended competences will be set.

Evaluation Through Final Test:

In any case, students will have the right to be evaluated through the final evaluation system, regardless of whether or not they have participated in the continuous assessment system. For this, students must submit in writing to the faculty responsible for the subject the waiver of continuous assessment, for which they will have a period of 9 weeks for the four-month subjects, counting from the beginning of the semester, according to the calendar academic center.

Through this final test it will be verified that the student has overcome the knowledge and competences of the subject. This final test will consist of 3 exercises to evaluate the competencies E1, E2, E3.

E1: Complete a questionnaire on the use of bibliographic and data sources and carry out a bibliographic search in the most important databases of the health system, managing this information with computer tools and using bibliographic references in a text + questionnaire. Value in the note: 30%.
E2: Perform a search of quantitative data in health science data sources. Use of the data sought for the calculation of basic statistics and prepare a graph of them. With a given data series, differentiate the variables, identify the hypotheses, choose the appropriate statistical tests of contrast, obtain the results of them and interpret them + questionnaire. Value in the note: 40%.

E3. Complete a questionnaire about care based on scientific evidence and perform a critical reading of an article + questionnaire. Value in the note: 30%.

If a competence is not passed, the qualification of the competence will be suspended. If two or all three competences are not passed, the average mark of suspended competences will be set
### TEACHING GUIDE 2018/19

**Centre** 252 - Faculty of Medicine and Nursing. Gipuzkoa Department  
**Plan** GENFER20 - Bachelor’s Degree in Nursing  
**Cycle** Indiferente  
**Year** First year

### SUBJECT

25212 - Public Health  
**ECTS Credits:** 6

### DESCRIPTION & CONTEXTUALISATION OF THE SUBJECT

SUBJECT Public Health (6 ECTS) Degree in Nursing  
1st year  
Faculty of Medicine and Nursing. Gipuzkoa Section

### COMPETENCIES/LEARNING RESULTS FOR THE SUBJECT

E1: Describe the concept of individual and collective health within the framework of Public and Community Health, to understand the Health Plans  
E2: Identify environmental, social and biological health factors that influence the level of health of individuals.  
E3: Explain the infectious process, recognizing the transmission mechanisms and the prevention steps.  
TRANSVERSE COMPETENCE: oral communication. Communicate orally ideas and knowledge through a clear, organized and synthesized exposition using different resources and adapting to the characteristics of the situation and the audience.

### THEORETICAL/PRACTICAL CONTENT

UNIT 1: INTRODUCTION TO PUBLIC HEALTH  
UNIT 2: ENVIRONMENTAL DETERMINANTS OF HEALTH  
UNIT 3: SOCIAL DETERMINANTS OF HEALTH  
UNIT 4: BIOLOGICAL DETERMINANTS OF HEALTH  
Microbiology and immunity  
Bacteriology, virology and parasitology  
UNIT 5: EPIDEMIOLOGY AND PREVENTION OF COMMUNICABLE DISEASES  
Demography and epidemiology  
Epidemiological chain  
Vaccines  
Healthcare-associated Infections (HAI)  
Disease registry  
Most prevalent communicable diseases according to transmission models: Airborne Transmission  
Water and food transmission  
Contact and sexual transmission  
Vector-borne transmission

### METHODS

- Oral presentation by the teacher  
- Analysis of articles and documentaries:  
- Reading or watching  
- Answer the questions  
- Oral exposition  
- Individual or group works  
- Practical lab classes

### TYPES OF TEACHING

<table>
<thead>
<tr>
<th>Type of teaching</th>
<th>M</th>
<th>S</th>
<th>GA</th>
<th>GL</th>
<th>GO</th>
<th>GCL</th>
<th>TA</th>
<th>TI</th>
<th>GCA</th>
</tr>
</thead>
<tbody>
<tr>
<td>Classroom hours</td>
<td>40</td>
<td>12</td>
<td>8</td>
<td></td>
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</tr>
<tr>
<td>Hours of study outside the classroom</td>
<td>55</td>
<td>20</td>
<td>15</td>
<td></td>
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</tbody>
</table>

**Legend:**  
M: Lecture  
S: Seminario  
GA: Pract. Class. Work  
GL: Pract. Lab Work  
GO: Pract. Computer Work  
GCL: Clinical Practice  
TA: Workshop  
TI: Ind. Workshop  
GCA: Field Workshop
ASSESSMENT SYSTEMS

- Continuous assessment system
- Final assessment system

TOOLS USED & GRADING PERCENTAGES

- Extended written exam 80%
- Team work (problem solving, project design) 10%
- Exposition of work, readings, etc. 10%

ORDINARY EVALUATION: GUIDANCE AND WAIVER

The mixed assessment proposed by course faculty is as follows:

a) Continuous evaluation:
   E1: 10% (written exam)
   E2: 20% (10% written exam and 10% group works)
   E3: 60% (written exam)

TRANSVERSE COMPETENCE: 10% (oral exposition)

Attendance to seminars is mandatory. An ability to pass the course all exam and works must be achieved independently.

b) Final test evaluation:

The weighting of the score will be the same as in continuous evaluation.

Students have the right to be assessed through a final evaluation, regardless of whether they have participated in continuous evaluation.

To this end, students must submit a written waiver to the course teaching staff. They must do so within the first 9 weeks of term-long courses and 18-weeks of year-long courses as set out in the academic calendar.

- Waving an evaluation will return a mark of deferral.
- In the case of continuous evaluation, students can waive an evaluation up to one month before the end date of the teaching part of the course. This waiver must be submitted in writing to the faculty responsible for the subject.
- In the case of a final evaluation, failure to show up to the exam on the official exam date will automatically waive the evaluation in question.

EXTRAORDINARY EXAM CALL: GUIDELINES & DECLINING TO SIT

For extraordinary exams, students will be examined only for those competences they have failed in the ordinary evaluation, maintaining the above percentages.

COMPULSORY MATERIALS

BIBLIOGRAPHY

Basic bibliography

Basic bibliography
HERNÁNDEZ AGUADO, GIL, DELGADO, BOLUMAR
DE LA ROSA M, PRIETO J., NAVARRO J.M.

In-depth bibliography

In-depth bibliography
DÍAZ R. Y COLS.
EVANS A.S., BRACHMAN P.S.
FORBES BA, SAHM DF, WEISSFELD AS.
MANDELL G.L., BENNETT J.E., DOLIN R.
MURRAY P.R., BARON E.J., JORGENSEN J.H., LANDRY M.L., PFALLER M.A., YOLKEN R.H.
TORTORA GJ, FUNKE BR, CASE CL.

Journals

BOLETÍN DE ENFERMERÍA COMUNITARIA.
ATENCIÓN PRIMARIA.
BOLETÍN EPIDEMIOLÓGICO DE LA COMUNIDAD AUTÓNOMA DEL PAÍS VASCO.
BOLETÍN DE ENFERMERÍA COMUNITARIA.
ATENCIÓN PRIMARIA.
BOLETÍN EPIDEMIOLÓGICO DE LA COMUNIDAD AUTÓNOMA DEL PAÍS VASCO.
CENTRO DE SALUD.
ENFERMERÍA CIENTÍFICA.
CULTURA DE LOS CUIDADOS.
ENFERMEDADES INFECCIOSAS Y MICROBIOLOGÍA CLÍNICA.
ENFERMERÍA CLÍNICA.
ENFERMERÍA ACTUALIDAD.
GEROKOMOS.
GACETA SANITARIA.
HIADES.
INDEX MÉDICO ESPAÑOL.
INDEX DE ENFERMERÍA.
MEDIFAM.
INFORME DE SALUD PÚBLICA DE LA COMUNIDAD AUTÓNOMA VASCA.
SALUD 2000.
METAS DE ENFERMERÍA.
REVISTA ESPAÑOLA DE SALUD PÚBLICA.
REVISTA ROL DE ENFERMERÍA.
COMUNIDAD.

Useful websites

Useful websites
http://www.icn.ch/spanish.htm. CIE
http://nelle.mc.duke.edu/standadr/termcode/nanda.htm. NANDA
http://www.who.org/ OMS
http://www.msp.es/ MINISTERIO DE SANIDAD POLITICA SOCIAL E IGUALDAD
www.johannesburgsummit.org NACIONES UNIDAS
www.greenpeace.org GREENPEACE
http://www.seei.efenet.ua.es Asociación española de Diagnósticos de Enfermería
http://www.fut.es/amelero/index.htm Asociación Española de Enfermería del Trabajo y Salud Laboral
http://www.ub.es/aentde/welcome.htm Asociación Española de Nomenclatura, Taxonomía y Diagnósticos de Enfermería
http://www.interbook.net/colectivo/seden/ Organización Colegio de Enfermería
http://wwwenfermeriacomunitaria.org Asociación de Enfermería Comunitaria
http://www.cdc.gov/spanish/ (center for diseases control. USA)
http://www.who.int/es/ (organización mundial de la salud)
http://www.nih.gov/ (Nationale Institutes of Health. USA)
http://www.mae.es/mae/index.jsp (Ministerio de asuntos exteriores. España)
http://seim.org/ (Sociedad española de Enf. Infecciosas y Microbiología Clínica)
http://www.osasun.ejgv.euskadi.net/r52-2536/es/ (Información sanitaria del Gobierno Vasco)
http://www.isciii.es/htdocs/index.jsp (Instituto de salud Carlos III, Centro Nacional de Microbiología y Centro Nacional de Epidemiología)
http://www.seaic.es/ (Sociedad española de alergología e inmunología clínica)
http://www.kcom.edu/faculty/chamberlain/Website/gallery.htm (galería de imágenes de bacterias)
http://www.microbisome.com/busca/Imagenes/inicio.htm (buscador de imágenes de microorganismos)
**End-of-life and chronic care**

**COMPETENCES**

E 1. An ability to understand the Hospice Philosophy to incorporate it into health care practice.
E 2. An ability to be able to identify, describe and integrate the needs of people with disabilities and/or chronic or terminal illnesses, in order to adapt and complement nursing care both in a hospital setting and in Primary Care.
E3. An ability to reflect on informal care by identifying its social-assistance functions and the people who provide it, to support them in their functions and integrate them into the health care practice.

**Learning outcomes**

- An understanding of the theoretical basis of the Hospice Philosophy.
- An understanding of the processes of chronic diseases and of terminal illnesses together with the needs these create.
- An understanding of the following terms: dying process, palliation, advanced disease, terminal illness, symptom control, bad news, conspiracy of silence, mourning process, emotional support, limitation of therapeutic effort, terminal sedation, euthanasia, assisted suicide and agony.
- Training to provide care, ensuring the right to dignity, privacy, confidentiality and decision-making capacity of the patient and family.
- An understanding of care and informal caregivers.
- Analysis of clinical cases.

**THEORETICAL-PRACTICAL CONTENT**

Topic Unit 1: DISEASE, VITAL RISK AND PSYCHOLOGICAL IMPACT

Topic Unit 2: COMMUNICATION IN CLINICAL RELATIONS - PROFESSIONAL RISK: BURN-OUT.

Topic Unit 3: CHRONICITY AND DISABILITY


Topic Unit 5: GENDER AND CARE
TYPES OF TEACHING

Classroom teaching hours: 45 (M) and 15 (S).
Out-of-classroom student activity hours: 42 (M) and 45 (S). M: master classes; S: seminars.

SCORING TOOLS AND PERCENTAGES

Continuous evaluation system

- E1. 20% Multiple-choice test (10%) and individual work (10%)
- E2. 60% Multiple-choice test (35%) and individual work (25%)
- E3. 20% Multiple-choice test (15%) and individual work (5%)

Requirements for obtaining the final course mark:
1. Take and pass a multiple-choice test
2. Submit individual and teamwork
3. Attend scheduled tutorials for monitoring learning.

Final evaluation system:

Students have the right to be assessed through a final evaluation, regardless of whether they have participated in continuous evaluation as proposed by teaching staff. To this end, students must submit a written waiver to the course teaching staff. They must do so within the first 9 weeks of the term as set out in the academic calendar.

The single final multiple-choice exam will be weighted as follows: E1 20%, E2 60% and E3 20%

WAIVER OF EVALUATION:

Waving an evaluation will result in a mark of “deferral”. In the case of continuous evaluation, students can waive an evaluation up to one month before the end date of the teaching part of the course. This waiver must be submitted in writing to the faculty teaching the subject. In the case of a final evaluation, failure to show up to the exam on the official exam date will automatically waive the evaluation.