ENGLISH FRIENDLY COURSES (EFC) 2021/2022 – CAMPUS OF GIPUZKOA

Coordinator: enfermeria-ss.internacional@ehu.eus

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

English Friendly Courses taught in SPANISH:

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<th>COURSE</th>
<th>SEMESTER</th>
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<th>SCHEDULE¹</th>
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<tr>
<td>Bachelor’s Degree in Nursing</td>
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<tr>
<td>26443 Sistemas de Información y Análisis de Datos</td>
<td>Sep. 2021- Jan. 2022</td>
<td>6</td>
<td>M</td>
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<tr>
<td>25212 Salud Pública</td>
<td>Sep. 2021- Jan. 2022</td>
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<td>M</td>
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<td>26464 Practicum II</td>
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<td>26457 Elaboración de Proyectos de Enfermería</td>
<td>Jan. 2022- May 2022</td>
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<tr>
<td>26467 Practicum V</td>
<td>Jan. 2022- May 2022</td>
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¹ SCHEDULE: Morning (M)/ Afternoon (A): begins at 13.30.
By clicking the subject’s name, its Syllabus will appear.
The subject Information Systems and Data Analysis is a basic subject of the academic fields. 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).

As the expert Miguel Angel Zabalza indicates, evidence-based science is basic in the development of the academic curriculum, since it is transversal and must be systematized. The first steps in order to achieve it will be taken in this subject.

Throughout the semester students will work on the methodological basis of qualitative and quantitative research, information searches, the use of bibliographic references, the organization of information systems in the field of health sciences, the synthesis of information, data organization and its presentation, basic concepts of demography and biostatistics, care based on scientific evidence and critical reading.

**COMPETENCIES/LEARNING RESULTS FOR THE SUBJECT**

E.1.- To 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.- To analyze the data used for scientific production in the health sciences by interpreting its adequacy and meaning.

E.3.- To 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.

**CONTENIDOS TEÓRICO-PRÁCTICOS**

**Unit 1. - INTRODUCTION TO THE INVESTIGATION**

1.1.- Types of research. Introduction to quantitative and qualitative research. Professional secrecy and Data Protection Law.
1.2.- Information systems in the field of health. CMBD. EDO.
1.3.- Search for information. Data sources in the field of health.
1.4.- Search and bibliographic management: scientific databases and bibliographic management programs.
1.5.- Use of bibliographical references. Vancouver Standards; APA; Harvard; ISO 690 and 690-2.

**Unit 2.- DATA ANALYSIS**

2.1. Descriptive statistics: variables, scales, measures of central tendency and measures of dispersion. Organization of the data and graphic representation.
2.2.- Frequency indicators of the disease.
2.3.- Distributions. Standardized normal curve. Proportions.
2.4.- Inferential statistics. Sampling techniques Law on equality between women and men and sampling. Inference techniques.
2.5.- Statistical tests of contrast.

**Unit 3- SCIENTIFIC EVIDENCE**

3.1.- Introduction to care based on scientific evidence.
3.2.- Critical reading of a clinical trial.
3.3.- Critical reading of a systematic review

**TEACHING METHODS**

Active methodologies and the flipped classroom model (inverted class) will be used. So the students will be responsible for their own learning process, developing all the competences through exercises and activities. In order to integrate the
practical contents in class and in the seminars, the students must read and prepare at home the theoretical and practical content. The students will analyze, understand, summarize and internalize the theoretical concepts.

- In addition to teaching hours, students will work by themselves on the theoretical concepts and the computer tools they will use for their application.

- The seminars will be held by small groups in the computer classroom. In these seminars, the students will work on bibliography search and management, data organization, statistical treatment of the data and critical reading. In all the seminars, the lecturers will guide the first part and in the second part, the students will have to carry out the exercises autonomously.

- Self-evaluation: the students will self-evaluate all their exercises, to be aware of their achievements in the learning process.

- The documentation related to the subject will be available to the students in the Moodle digital platform to follow the theoretical-practical part of the subject as the exercises carried out.

- Tutorials: to solve doubts, make recommendations to prepare the subject or help in the learning process.

### Types of teaching

<table>
<thead>
<tr>
<th>Legend:</th>
<th>M: Lecture-based</th>
<th>S: Seminar</th>
<th>GA: Applied classroom-based groups</th>
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<tr>
<td>TA:</td>
<td>Workshop</td>
<td>TI: Industrial workshop</td>
<td>GCA: Applied fieldwork groups</td>
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<tr>
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<td>Hours of face-to-face teaching</td>
<td>40</td>
<td>10</td>
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### Evaluation methods

- Continuous evaluation
- End-of-course evaluation

### Evaluation tools and percentages of final mark

- Multiple choice test  40%
- Exercises, cases or problem sets  60%

### Ordinary examination period: Guidelines and opting out

In accordance with the Protocol on academic ethics and prevention of dishonest or fraudulent practices in the evaluation tests and in the academic work of the UPV / EHU, the subject's lecturers on the first day of class, in the presentation of the student's guide, will specify as clearly as possible the materials, resources and technological resources, or otherwise, whose use is allowed in the development of the evaluation tests of the subject.

The evaluation will be continued (exercises of the seminars + work + exam test type). 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 To 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%.

E.2.- To 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%.

E.3.- To 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%.

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.

### Final evaluation system:

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. Students interested in this kind of evaluation 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 since 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: To 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 mark: 30%.

E2: To perform a search of quantitative data in health science data sources. Use data 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 mark: 40%.

E3. To complete a questionnaire about care based on scientific evidence and perform a critical reading of an article + questionnaire. Value in the mark: 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.

DISCLAIMER OF THE ORDINARY EVALUATION CALL:
In the case of continuous evaluation, in accordance with the article 12.2 of the regulations of the evaluation of students in the official degrees, if the weight of the final test is equal to or less than 40% of the grade of the subject, students may renounce the call. At least, the resignation must be communicated in a period that will be up to one month before the end date of the teaching period of the subject. This resignation must be submitted written to the responsible of the subject. In the case of the final evaluation, the failure to show up on the test on the official exam date will automatically cancel the corresponding call.

EXTRAORDINARY EXAMINATION PERIOD: GUIDELINES AND OPTING OUT
In order to pass the subject, it is necessary to pass all the competences.

The evaluation of the subjects in the extraordinary calls will be made exclusively through the final evaluation system. The positive results obtained by the students during the course may be retained. So, the students that in the ordinary call have followed the continuous evaluation, in the extraordinary call must perform the tests corresponding to the competences that have not been passed.

Through this final test it will be verified that the students have passed the knowledge and competences of the subject. This final test will consist of 3 exercises to evaluate the competences E1, E2, E3. To overcome this subject it is necessary to pass all the competences.

E1: To 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 mark: 30%.

E2: To perform a search of quantitative data in health science data sources. Use data for the calculation of basic statistics and make a graph with 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 mark: 40%.

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

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

DISCLAIMER TO THE EXTRAORDINARY CALL:
Failure to submit to the test set on the official exam date will automatically waive the corresponding call.

MANDATORY MATERIALS
-Processor of texts (Word)
-Sheet calculation (Excel)
-Statistical program (SPSS)
-Bibliographic manager on-line (Refworks)
-Databases common in the field of health sciences
BIBLIOGRAFÍA

Basic bibliography


-Fresquet J.L. Internet para profesionales de la salud [Internet]. Madrid: Fundación Uriach; 2008 [acceso: 05/05/2015]. Disponible: http://issuu.com/fundacionuriach/docs/monograficos1


-Pastor-Barriuso R. Bioestadística [Internet]. Madrid: Escuela Nacional de Sanidad y Centro de Epidemiología, Instituto de Salud Carlos III; 2012 [acceso: 05/05/2014]. Disponible en: http://gesdoc.isciii.es/gesdoccontroller?action=download&id=03/06/2013-7dd67975c5


Detailed bibliography


-Pineda EB; Alvarado E L; Canales F. Metodología de la investigación. Manual para el desarrollo de personal de salud. 2ªed. Washington DC: OPS. 1994


-Díaz VP. Metodología de la investigación científica y bioestadística para profesionales y estudiantes de Ciencias de la Salud. 2ª ed. Santiago de Chile: RIL. 2009

-Santos FX, Rodríguez CA, Rodríguez R. Metodología Básica de investigación en Enfermería. Madrid: Díaz de Santos; 2004


-Burns N; Grove SK. Investigación en Enfermería. Madrid:Elsevier; 2004


-Prieto L.; Herranz I. ¿Qué significa estadísticamente significativo?: La falacia del criterio del 5% en la investigación científica. Madrid: DíazSanots; 2005


-Martín A; Luna del Castillo JD. Bioestadística para las ciencias de la salud. Madrid: Norma; 2004

-Livi M. Introducción a la demografía. Barcelona: Ariel; 2000

Journals

-DECS: http://decs.bvs.br/E/homepage.html
-RefWorks: https://www.refworks.com/
-Tripdatabase: http://www.tripdatabase.com/
-EMBASE: http://www.elsevier.com/online-tools/embase
-NHS Evidence: http://www.evidence.nhs.uk/
-Scopus: http://www.scopus.com/
-CINAHL (EBSCOnhost): http://web.b.ebscohost.com/ehost/search/advanced?sid=206218cb-26bc-4738-882c-804e2b069a86%40sessionmgr111&vid=3&hid=125
-Up To Date: http://www.uptodate.com/home
-CSIC: http://bddd.csic.es/8085/index.jsp
-EnFisPo: http://alfama.sim.ucm.es/isishtm/enfispo/
-DOCUMED: http://www.uv.es/~documed/documed/documed.html
-MEDES: https://medes.com/Public/Home.aspx
-MEDICAL IMAGING: http://www.medicalimaging.org/about-mita/medical-imaging-primer/
-IKERE: https://10.ikere.net/Osakidetza/HospitalDonostia/Ikere.php
-PREEVID: https://www.murciasalud.es/preevid.php
Web sites of interest

- BEHAGI: Gipuzkoako gizarte behatokia: http://www.behagi.net/
- EUSTAT: www.eustat.es
- INE: http://www.ine.es/
- OSAKIDETZA: www.osakidetz.net
- MINISTERIO DE SANIDAD http://www.msssi.gob.es/
- Instituto de Salud Carlos III : http://www.isciii.es/
- Guías clínicas del Sistema Sanitario de España: http://portal.guiasalud.es/web/guest/home
- Organización Mundial de la Salud: http://www.who.int/es/
- SSIS: http://www.ssis.net/es/
- SPSS programa: http://www-01.ibm.com/software/analitics/spss/
- FISTERRA: http://www.fisterra.com/formacion/metodologia-investigacion/
- http://www.hrc.es/bioest/M_docente.html
- NANDA: http://nanda.es/
- NNT: http://www.nnnconsult.com/index
- International Committee of Medical Journal Editors: http://www.icmje.org/
- APA: http://www.apastyle.org/
- CASPe: http://www.redcaspe.org/
- Investigación en cuidados: http://www.investigacionencuidados.es/bibliotecametodologica/
- Observatorio de desigualdades sociales en salud: http://www.ods-ciberesp.org/
- Bioestadistica para no estadisticos: http://www.bioestadistica.upc.edu/MaterialDocente
- Salud conectada: http://saludconnectada.com/
- Ebevidencia: http://ebevidencia.com/
- Apuntes de demografía: http://apuntesdedemografia.com/

OBSERVATIONS

ADDENDUM.- ONLINE EVALUATION ORDINARY CALL

If for any reason the evaluation had to be on-line, it would be carried out following the criteria of the EHU edonondik / ebaluazioa document, as follows.

ORDINARY CALL: GUIDELINES AND WAIVER.

If there is continuous evaluation, all the exercises and the exam will be done online through e-gela. On the day of the exam, at any time the student can be asked to activate the camera to identify herself, as stated in the Statute of the university student. In addition, the Blackboard Collaborate program will be open to solve the doubts that arose during that test and look for a solution in case any problem arises. The development will be the same as that of the final test. In the case of continuous evaluation, in accordance with the provisions of art. 12.2 of the Regulatory Regulations for the Evaluation of students in official degree degrees, if the weight of the final test is equal to or less than 40% of the grade for the course, students may waive the call within a period that, At least, it will be up to a month before the end date of the teaching period of the corresponding subject. This resignation must be submitted in writing to the faculty responsible for the subject.

REGULAR CALL: FINAL TEST

All the tests of the extraordinary call will be carried out on the e-Gela platform and the E1, E2 and E3 competences will be evaluated. In all competitions, in the week prior to the exam date, an exercise (asynchronous evaluation) must be carried out and on the day and during the exam time, the test questionnaire corresponding to each competition (synchronous evaluation). At any time, the student can be asked to activate the camera to identify herself, as stated in the Statute of the university student. In addition, the Blackboard Collaborate program will be open to solve the doubts that arose during that test and look for a solution in case any problem arises.
E1 competence: value in the final grade 30%.

In the week prior to the exam date: carry out this exercise in the e-classroom. Carry out the bibliographic search in the indicated health databases, manage the information sought through RefWorks and include those bibliographic references sought in a given text (15%).

The day and time of the exam: on e-gela, complete a test questionnaire about bibliographic search and use of bibliography (15% - 30m).

E2 competence: value in the final grade 40%.

In the week prior to the exam date: carry out the following exercise on e-gela: search for the indicated quantitative data in one of the health data sources, calculate with these data the corresponding basic statistics and create the indicated graph (15%).

On the day and at the exam schedule: complete an e-gel test questionnaire on descriptive statistics, hypotheses and the use of statistical contrast tests: (% 25-45m.).

E3 competence: value in the final grade 30%.

In the week prior to the exam date: critical reading of an article on e-gela (15%)

The day and time of the exam: complete an e-gel test questionnaire on care based on scientific evidence (15% - 30m.).

If a competition is not passed, the note of the suspended competition will be placed. If two or three have not been exceeded, the average grade of the suspended competitions will be assigned.

Failure to take the test set on the official exam date will automatically waive the corresponding call.

EXTRAORDINARY CALL: GUIDELINES AND WAIVER.

To pass the course, you must pass all the competences.

The evaluation of the subjects in the extraordinary calls will be carried out exclusively through the final evaluation system. The positive results obtained by the students throughout the course will be preserved. That is to say, the students who have carried out the continuous evaluation in the ordinary call must carry out in the extraordinary call only the tests of the competences not passed.

All the tests of the extraordinary call will be carried out on the e-Gela platform and the E1, E2 and E3 competences will be evaluated. In all competitions, in the week prior to the exam date, an exercise (asynchronous evaluation) must be carried out and on the day and during the exam time, the test questionnaire corresponding to each competition (synchronous evaluation). At any time, the student can be asked to activate the camera to identify herself, as stated in the Statute of the university student. In addition, the Blackboard Collaborate program will be open to solve the doubts that arose during that test and look for a solution in case any problem arises.

The development will be the same as that of the final test.
COURSE GUIDE 2021/22

Faculty 252 - Faculty of Medicine and Nursing. Gipuzkoa Department
Degree GENFER20 - Bachelor’s Degree in Nursing
Cycle Not Applicable
Year First year

COURSE 25212 - Public Health
Credits, ECTS: 6

COURSE DESCRIPTION
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.

CONTENIDOS TEÓRICO-PRÁCTICOS
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

TEACHING 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

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<thead>
<tr>
<th>Types of teaching</th>
<th>M</th>
<th>S</th>
<th>GA</th>
<th>GL</th>
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<th>GCL</th>
<th>TA</th>
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<th>GCA</th>
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Legend: M: Lecture-based  S: Seminar  GA: Applied classroom-based groups
TA: Workshop  TI: Industrial workshop  GCA: Applied fieldwork groups
### Evaluation methods

- Continuous evaluation
- End-of-course evaluation

### Evaluation tools and percentages of final mark

- Written test, open questions  35%
- Multiple choice test  25%
- Teamwork assignments (problem solving, Project design)  30%
- Oral presentation of assigned tasks, Reading  10%

### ORDINARY EXAMINATION PERIOD: GUIDELINES AND OPTING OUT

In accordance with the provisions of the Protocol on academic ethics and prevention of dishonest or fraudulent practices in the evaluation tests and the academic work of the UPV / EHU, the subject's teachers on the first day of class, in the presentation of the student's guide will specify as clearly as possible, the materials, resources and technological resources or others, whose use is allowed in the development of the evaluation tests of the subject.

**ORDINARY EVALUATION: GUIDANCE AND WAIVER**

The mixed assessment proposed by course faculty is as follows:

a) Continuous evaluation:
- E1: 10% (written exam)
- E2: 20% (15% written exam and 5% group works)
- E3: 60% (55% written exam and 5% group works)

**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:
- E1: 10% (written exam)
- E2: 20% (written exam)
- E3: 60% (written exam)

**TRANSVERSE COMPETENCE:** 10% (oral exposition)

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 not presented.
- In the case of continuous evaluation, in accordance with the provisions of art. 12.2 of the Regulatory Regulation of the Evaluation of the students in the official degree programs, if the weight of the final test is greater than 40% of the qualification of the subject, for the resignation of the call will be sufficient with not submitting to said final test for that the final grade of the subject is not presented or not presented.
- 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 EXAMINATION PERIOD: GUIDELINES AND OPTING OUT

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

### MANDATORY MATERIALS
<table>
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<tr>
<th>Bibliografía</th>
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<tbody>
<tr>
<td>Basic bibliography</td>
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Detailed bibliography


SOCIEDAD ESPAÑOLA DE MEDICINA PREVENTIVA, SALUD PÚBLICA E HIGIENE. Estudio de prevalencia de las infecciones nosocomiales en España. EPINE

Journals

ATENCIÓN PRIMARIA.
CRITICAL PUBLIC HEALTH.
ENFERMEDADES INFECCIOSAS Y MICROBIOLOGÍA CLÍNICA.
ENFERMERÍA ACTUALIDAD.
ENFERMERÍA CIENTÍFICA.
GACETA SANITARIA.
INDEX DE ENFERMERÍA.
METAS DE ENFERMERÍA.
PUBLIC HEALTH
REVISTA ESPAÑOLA DE SALUD PÚBLICA.
COMUNIDAD.

Web sites of interest

https://www.euskadi.eus/gobierno-vasco/departamento-salud/inicio/ GOBIERNO VASCO, DEPARTAMENTO DE SALUD
https://www.osakidetza.euskadi.eus/portada-profesionales/ OSAKIDETZA, PARA PROFESIONALES
https://www.un.org/es NACIONES UNIDAS
https://www.un.org/sustainabledevelopment/es/objetivos-de-desarrollo-sostenible/
https://www.who.int/es OMS
https://www.mscbs.gob.es MINISTERIO DE SANIDAD, CONSUMO Y BIENESTAR SOCIAL
https://sespas.es SOCIEDAD ESPAÑOLA DE SALUD PÚBLICA Y ADMINISTRACIÓN SANITARIA
https://www.enfermeriacomunitaria.org ASOCIACIÓN DE ENFERMERÍA COMUNITARIA
https://www.ikuspegi.eus OBSERVATORIO VASCO DE INMIGRACIÓN
https://www.euskadi.eus/informacion/boletin-salud-poblacional-saludando/web01-a2osagin/es/ BOLETÍN SALUDANDO
https://obsaludasturias.com/obsa/ OBSERVATORIO NACIONAL DE SALUD DE ASTURIAS
http://www.cdc.gov/spanish/ CENTRO PARA EL CONTROL Y LA PREVENCIÓN DE LAS ENFERMEDADES (EEUU)
http://www.nih.gov/ INSTITUTOS NACIONALES DE SALUD (EEUU)
https://www.seeipemicologia.es/ SOCIEDAD ESPAÑOLA DE EPIDEMIOLOGÍA
http://seimc.org/ SOCIEDAD ESPAÑOLA DE ENFERMEDADES INFECCIOSAS Y MICROBIOLOGÍA CLÍNICA
http://www.isciii.es/htdocs/index.jsp INSTITUTO DE SALUD CARLOS III
http://www.icn.ch/spanish.htm. CIE

OBSERVATIONS
**COURSE GUIDE 2021/22**

**Faculty** 252 - Faculty of Medicine and Nursing. Gipuzkoa Department  
**Degree** GENFER20 - Bachelor’s Degree in Nursing  
**Cycle** Not Applicable  
**Year** Third year

### COURSE

<table>
<thead>
<tr>
<th>CODE</th>
<th>Description</th>
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<tbody>
<tr>
<td>26457</td>
<td>Development of Nursing Projects</td>
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### COURSE DESCRIPTION

Brief description

This subject aims to facilitate the knowledge regarding the instruments, methods and material to develop research projects, develop evidence-based nursing, as well as contribute to the development of the body of knowledge in nursing.

### COMPETENCIES/LEARNING RESULTS FOR THE SUBJECT

- **E1:** To identify the stages of scientific research and design of a research project.
- **E2:** To describe the relevance of research in nursing as a means of developing its body of knowledge.
- **E3:** To analyse the advantages and disadvantages of the different designs and methods.
- **E4:** To know the ethical aspects of research.

### CONTENIDOS TEÓRICO-PRACTICOS

**Unit 1.** - RESEARCH IN NURSING

- 0. Introduction to the subject
- 1. Final Degree Project
- 2. Research in Nursing

**Unit 2.** - DEVELOPMENT OF A RESEARCH PROJECT

- 3. Identification and development of the topic
- 4. Search and assessment of the available literature
- 5. Schedule and working plan
- 6. Literature review
- 7. Quantitative research
- 8. Qualitative research
- 9. Sampling

**Unit 3.** - OTHER RELEVANT ASPECTS RELATED TO RESEARCH

- 10. Ethics
- 11. Funding

### TEACHING METHODS

Methodological activities:

- Oral presentation.
- Analysis and comment on readings and videos.
- Group discussion.
- Design of a project.
### TYPES OF TEACHING

<table>
<thead>
<tr>
<th>Types of teaching</th>
<th>M</th>
<th>S</th>
<th>GA</th>
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<tbody>
<tr>
<td>Hours of face-to-face teaching</td>
<td>40</td>
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Legend:
- **M**: Lecture-based
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- **GCA**: Applied fieldwork

### Evaluation tools and percentages of final mark

- **End-of-course evaluation**

### ORDINARY EXAMINATION PERIOD: GUIDELINES AND OPTING OUT

The mixed assessment proposed by course faculty is as follows:
- **E1**: 40%
- **E2, E4**: 45%
- **E3**: 15%

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 as set out in the academic calendar.

Should evaluation be online, the activities planned face-to-face will be turned into online modalities.

### EXTRAORDINARY EXAMINATION PERIOD: GUIDELINES AND OPTING OUT

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

Should evaluation be online, the activities planned face-to-face will be turned into online modalities.

### MANDATORY MATERIALS

### BIBLIOGRAFÍA

**Basic bibliography**

**Detailed bibliography**

**Journals**
- International Journal of Nursing Studies
- Journal of Advanced Nursing
- Journal of Clinical Nursing
Scandinavian Journal of Caring Sciences

**Web sites of interest**

- [http://youtube.com/watch?v=aDR3VjwXvEo&feature=related](http://youtube.com/watch?v=aDR3VjwXvEo&feature=related)
- [http://youtube.com/watch?v=aoPs-bsMB7g&NR=1](http://youtube.com/watch?v=aoPs-bsMB7g&NR=1)
- [https://www.youtube.com/watch?v=6wWeeCBBik4](https://www.youtube.com/watch?v=6wWeeCBBik4)
- [https://www.youtube.com/watch?v=v50FZmYqvVIY](https://www.youtube.com/watch?v=v50FZmYqvVIY)
- [http://www.isciii.es/Investen](http://www.isciii.es/Investen)

**OBSERVATIONS**
# COURSE GUIDE

**Faculty** 252 - Faculty of Medicine and Nursing. Gipuzkoa Department  
**Cycle** Not Applicable  
**Degree** GENFER20 - Bachelor’s Degree in Nursing  
**Year** Third year  
**Credits, ECTS:** 6

## COURSE DESCRIPTION

This elective subject aims to provide skills to develop nursing leadership, critical ability to analyze our environment and care, management tasks at different levels of responsibility of health organizations from the perspective of Holistic care and Patient Safety Culture. In order to do this, work will be done through the acquisition of knowledge, the union of theory and practice, the development of a socio-critical view of our reality, the improvement of work systems and the optimization and quality assurance of human resources, materials and procedures that contribute to continuous improvement in the management of care and the quality and safety of patients. In summary, this elective subject is closely linked to the management and quality and safety of nursing care, basing it on knowledge, assessment of the environment and clinical judgments to offer higher quality and safety care.

This subject is part of project nr. IKDi3-21-04 authorized within the Call for projects 2021-2022 of Innovation IKDI3 of the Vice-Rector's Office for Innovation, Social Commitment and Cultural Action (UPV-EHU). The subject is oriented to the cooperative and dynamic learning model IKD (UPV-EHU Agreement, April 2010).

## COMPETENCIES/LEARNING RESULTS FOR THE SUBJECT

### Competences to be developed:

CE 1.- Identify the principles of Quality management and Risk Management in the Health sector, for the provision of safe and quality care, contributing to the improvement of the management of own resources to take responsibility for their learning and work autonomous.

CE 2.- Use the various methodologies and improvement tools to facilitate decision-making in the caregiver role.

### Instruments for the management of nursing care. Patient-centered electronic medical record. Tools to be used Osabide-Global and Osanaia.

CE 3.- Show the importance of informing, registering and documenting, using the appropriate technologies, to achieve continuous improvement through the evaluation and investigation of the care offered. Patient Safety. Health Risk Management. Risk Management Tools.

### LEARNING OUTCOMES (RA) TO BE DEVELOPED:

RA.1. Analyze personal, organizational and contextual factors that influence nursing care.

RA.2. Apply theory and scientific evidence to creatively and insightfully solve problems of practice.

RA.3. Use reflective learning and critical analysis as tools aimed at improving nursing care.

RA.4. Creatively propose innovative solutions that contribute to the quality and safety of nursing care.

RA.5. Demonstrate evaluative and critical ability to identify strengths and weaknesses of nursing practice.

RA.6. Apply to a personal and professional innovation project, concepts and procedures typical of Quality Management and Risk Management, making the necessary changes and adaptations, demonstrating understanding them.

RA.7. Use reflective learning and critical analysis as tools aimed at personal and professional improvement.

RA.8. Demonstrate evaluative and critical ability to identify opportunities and threats in the academic and professional career.

RA.9. Systematically design the work plan to follow to achieve the previously established objectives.

RA.10. Identify and analyze personal, organizational and contextual factors that influence the Quality of Care and Patient Safety.

RA.11. Identify the consequences of precision in the transmission of information, records and use of technologies.

RA.12. Use a tool aimed at managing health risks.

RA.13. Actively participate with a thoughtful and respectful attitude and shows commitment to their learning

### IKD MODEL - Sustainable development goals (ODS, Agenda 2030, UN) and transversal competences UPV-EHU (2019):

**SDG-3: WELLNESS AND HEALTH.**

Transversal competences (UPV-EHU, catalog 2019), oriented to SDG-3:

- **AA01:** Self-confidence and Motivation.
- **BE04:** Resilient attitude to difficulties.
- **PK15:** Relate knowledge from different areas to give an interdisciplinary answer.
- **TL13:** Collaborate with other teams in the construction of an interdisciplinary network.
- **IF08:** Organize the information of the interdisciplinary work in online platforms for its retrieval, consultation and later use.

**SDG-5: GENDER EQUALITY.**

Transversal competences (UPV-EHU, catalog 2019), oriented to SDG-3:

- **GK06:** Incorporate principles of gender equality and temporary accessibility.
- **EE01:** Act respectfully in professional practice without discriminating by gender.
SDG-10: REDUCTION OF INEQUALITIES.
Transversal competences (UPV-EHU, catalog 2019), oriented to SDG-3:
GK01: Identify behaviors of social inequality.
GK04: Propose ways to overcome inequalities and behaviors to serve underprivileged groups
EE01: Act respectfully in professional practice without discriminating for sociocultural reasons.

CONTENIDOS TEÓRICO-PRÁCTICOS
Unit 1.- ELEMENTS AND CIRCUMSTANCES OF HEALTHCARE ASSISTANCE AND PROFESSIONAL EXERCISE OF NURSING IN HEALTH ORGANIZATIONS
Unit 1.1. The challenges of healthcare.
Unit 1.2. Patient Centered Care (ACP): The relationship of care, Holistic and Invisible Care, culture and gender.
Unit 1.3. The regulation of professional behaviour.

Unit 2.- MANAGEMENT OF QUALITY IN THE PROVISION OF CARE
Unit 2.1. Evolution of the concept of quality care in the nursing discipline.
Unit 2.2. The Advanced Management Model for the provision of quality care.
Unit 2.3. Nursing leadership.

Unit 3.- RISK MANAGEMENT IN THE PROVISION OF CARE
Unit 3.1. The determinants of patient safety.
Unit 3.4. Prevention of adverse events and management of healthcare risk.
Unit 3.5. Patient Safety Culture. Good practices: safe nursing care and attention.
Unit 3.7. Research in Patient Safety.

TEACHING METHODS
Methodological activities:
- Oral presentation by the teacher, analysis, synthesis and assimilation of the concepts worked on in the classroom.
- Seminars with small groups.
- Group and / or individual works: viewing of videos, improvement plans, etc.
- Group preparation of cases and / or practical exercises.
- Implementation of active methodologies * in the classroom, IKD model:
  -- Case Method and Problem Solving.
  -- IBL Inquiry-Based Learning.
  - Historical knowledge and management of the evolution of patients on a platform interdisciplinary (Health Sciences).

TYPES OF TEACHING

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Evaluation methods
- Continuous evaluation
- End-of-course evaluation

Evaluation tools and percentages of final mark
- Individual assignments 65%
- Teamwork assignments (problem solving, Project design) 10%
- Oral presentation of assigned tasks, Reading 5%
- Active participation with reflective attitude and commitment to learning process 20%

ORDINARY EXAMINATION PERIOD: GUIDELINES AND OPTING OUT
Continuous evaluation system:
Continuous evaluation system:
CE 1: 40% [Individual work (30%) and active participation (10%)]


CE 2: 20% [Individual work (10%) and Active participation (10%)].
CE 3: 40% [Individual work (25%), Group work (10%) and presentation of works (5%)].

It will be an essential requirement to obtain the final grade for the course that all the specific competences are passed with a grade equal to or greater than 5.

Final evaluation system: The students have the right to be evaluated through the final evaluation system, whereas they participated in the evaluation system proposed by the professor or no. To do so, the student must hand in a written resignation to participate in the proposed evaluation system to the professor responsible of the subject, for which they will have 9 weeks since the beginning of the semester, according to the academic calendar of the center. The final evaluation will have the following grading system:
CE1: 40% (Written test)
CE2: 20% (Written test)
CE3: 40% (Written test)

CALL RESIGNATION:
The resignation to the official call will entail the grade of "not shown". In the case of the continuous evaluation system, the student will be able to resign at least until one month before the end of the subject. This resignation must be handed in writing to the professor that teaches the subject. In the case of the final evaluation system, the failure to show up to the test in the official date of the exam will entail the resignation to the call.

EXTRAORDINARY EXAMINATION PERIOD: GUIDELINES AND OPTING OUT
The evaluation of the subject in the extraordinary call will be carried out exclusively through the final evaluation system. This will be carried out by means of a written test with the same characteristics as that described in the ordinary call. The note of those competitions that have been approved in the ordinary call will be taken into account.

CALL RESIGNATION:
Failure to take the test set on the official exam date will automatically resign the call.

MANDATORY MATERIALS

BIBLIOGRAFÍA
Basic bibliography

Detailed bibliography

Journals
-Revista de la Asociación Española de Directivos de Enfermería (AENDE).
-Revista de Administración Sanitaria siglo XXI.
-Revista Española de Comunicación en Salud.
-Revista de calidad asistencial.

Web sites of interest
- Asociación española de Gestión de Riesgos Sanitarios: http://www.aebris.org/
- Cátedra de Calidad de la UPV/EHU: www.kalitate-katedra@ehu.es
- Fundación Vasca para la Calidad: www.euskalit.net
- Ministerio de Sanidad, Servicios Sociales e Igualdad: http://www.msps.es/
- National Institute for Health and Clinical Excellence: http://www.nice.org.uk/
- Sociedad Española de Calidad Asistencial: http://www.secalidad.org/
OBSERVATIONS

At the beginning of the course, the teaching guide and the timetable of the subject will be made available to the students, specifying the most fundamental aspects.