



Teaching Guide

Teaching Guide				
Identifying Data				2016/17
Subject (*)	FISIOTERAPIA COMUNITARIA E SAÚDE PÚBLICA		Code	651G01030
Study programme	Grao en Fisioterapia			
Descriptors				
Cycle	Period	Year	Type	Credits
Graduate	1st four-month period	Fourth	Obligatoria	6
Language	SpanishGalician			
Teaching method	Face-to-face			
Prerequisites				
Department	Ciencias da SaúdeFisioterapia			
Coordinador		E-mail		
Lecturers	Martinez Rodriguez, Alicia Saleta Canosa, Jesus Luis	E-mail	alicia.martinez@udc.es jesus.luis.saleta.canosa@udc.es	
Web				
General description	With this subject Comunitary and Public health are addressed from the perspective of Physiotherapy and the Spanish health system, developing tools such as health promotion, prevention and health education, programming, teamwork and epidemiology			

Study programme competences / results

Code	Study programme competences / results
A12	Intervenir en los ámbitos de promoción, prevención, protección y recuperación de la salud.
A13	Saber trabajar en equipos profesionales como unidad básica en la que se estructuran de forma uni o multidisciplinar e interdisciplinar los profesionales y demás personal de las organizaciones asistenciales.
A14	Incorporar los principios éticos y legales de la profesión a la práctica profesional así como integrar los aspectos sociales y comunitarios en la toma de decisiones.
A17	Comprender la importancia de actualizar los conocimientos, habilidades, destrezas y actitudes que integran las competencias profesionales del fisioterapeuta.
A18	Adquirir habilidades de gestión clínica que incluyan el uso eficiente de los recursos sanitarios y desarrollar actividades de planificación, gestión y control en las unidades asistenciales donde se preste atención en fisioterapia y su relación con otros servicios sanitarios.
A19	Comunicarse de modo efectivo y claro, tanto de forma oral como escrita, con los usuarios del sistema sanitario así como con otros profesionales.
C1	Expresarse correctamente, tanto de forma oral como escrita, nas linguas oficiais da comunidade autónoma.
C4	Desenvolverse para o exercicio dunha cidadanía aberta, culta, crítica, comprometida, democrática e solidaria, capaz de analizar a realidade, diagnosticar problemas, formular e implantar solucións baseadas no coñecemento e orientadas ao ben común.
C6	Valorar criticamente o coñecemento, a tecnoloxía e a información dispoñible para resolver os problemas cos que deben enfrontarse.
C7	Asumir como profesional e cidadán a importancia da aprendizaxe ao longo da vida.

Learning outcomes

Learning outcomes	Study programme competences / results		
Understand the fundamental concepts of health and health epidemiology to move the scope of physiotherapy perspective of Community Health and Preventive Medicine and Public Health.	A12 A14 A18		C4 C6
To know the different types of demographics, sources of information and key demographics applications to Public Health.	A12 A14		
To know the epidemiological chain and preventive measures of major communicable diseases.	A12 A14		



To know the epidemiological situation, major risk factors and preventive measures to be taken against various chronic diseases.	A12 A14		
To know the different concepts of organization, management and health administration as well as the various health agencies both nationally and internationally, especially the National Health System and assume the function performed by the physiotherapist in the fields of Primary Care, Specialized and of Occupational Health.	A18		
To improve the capacity of teamwork	A13 A19		
To apply epidemiological knowledge to address any problem and develop an epidemiological study design or in their daily practice	A12 A17		C1 C4 C6 C7
To develop a prevention or health promotion, as well as identify the various fields of action of health education.	A12 A18		C1 C4 C6

Contents	
Topic	Sub-topic
UNIT 1. INTRODUCTION; BASIC CONCEPTS IN COMMUNITY HEALTH AND PUBLIC HEALTH FROM THE PERSPECTIVE OF THE PHYSIOTHERAPY. CONCEPTUAL FRAMEWORK.	
Lesson 1. Concept of health.	Health and their determinants.
Lesson 2. Community physiotherapy and public Health.	Biopsicosocial perspective and his implications. Concept of community health and levels of action. Concept of public Health and actions. Levels of prevention.
Lesson 3. Social organization of healthcare.	Models of healthcare. National system of health. Intervention in formal and informal community environments. Primary attention of health. Domiciliary attention and in working/leisure- community environments. Cooperation.
UNIT 2. EPIDEMIOLOGY AND HEALTH DEMOGRAPHY	Concept. Dinamic and static demography. Taxes adjust.
Lesson 4. Demography.	
Lesson 5. Types of epidemiologic studies.	Criteria for the classification
Lesson 6. Frequency disease measurements.	Incidence and prevalence.
Lesson 7. Cohort studies.	Relative risk. Advantages and limitations
Lesson 8. Case-control studies.	Odds ratio. Advantages and limitations.
Lesson 9. Studies for the evaluation of diagnostic tests.	Sensitivity, specificity and predictive values.
Lesson 10. General epidemiology of communicable diseases.	General basis for their prevention.
Lesson 11. General epidemiology of chronic diseases.	Double burden of disease. Indicators of chronic diseases. Years of disability-adjusted life.
Lesson 12. Vaccines.	Concept. Classification. composition
UNIT 3. TEAM METHODOLOGY AND ACTION IN COMMUNITY PHYSIOTHERAPY.	Team working concept versus working in groups. Functioning, organization and communication.
Lesson 13. Communication and team working.	
Lesson 14. Health Promotion. Health Education.	Concept and methods.
Lesson 15. Health Panning.	Health plans and programs.



Lesson 16. Qualitative research.	Concept and phases. techniques of information collection (individual and by group ones).
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Planning				
Methodologies / tests	Competencies / Results	Teaching hours (in-person & virtual)	Student's personal work hours	Total hours
Guest lecture / keynote speech	A12 A14 A18	16	4	20
Directed discussion	A13 A14 A19 C1 C4 C6	16	32	48
Collaborative learning	A12 A13 A14 A17 A18 A19 C1 C4 C6 C7	16	32	48
Mixed objective/subjective test	A12 A13 A14 A18 A19 C1 C4 C6	3	30	33
Personalized attention		1	0	1
(*)The information in the planning table is for guidance only and does not take into account the heterogeneity of the students.				

Methodologies	
Methodologies	Description
Guest lecture / keynote speech	Oral presentation complemented by the use of media and the introduction of some questions to the students, in order to improve the knowledge and facilitate learning. to this effect, some can be used interactively.
Directed discussion	Community physiotherapy module Analysis and discussion of materials (publications and articles, brochures, audiovisual materials, news, etc.) related to community physiotherapy, health promotion and prevention, or closely related concepts (determinants of health and health equity, social organization for health care, bioethics, qualitative research, etc). Public Health module Presentation for discussion and resolution of different types of exercises in which the type of epidemiological study and identify appropriate risk measure is calculated
Collaborative learning	Community physiotherapy module Community Program physiotherapy, prevention or health promotion (team). Have a part of oral exposure. Public Health Module To develop in group a type of epidemiological study, describing their objectives, methodology and data analysis.
Mixed objective/subjective test	The exam will consider the content and skills worked in theoretical classes (lectures) and directed discussions (interactive classes) and in collaborative learning (practical classes and self-working)

Personalized attention	
Methodologies	Description
Collaborative learning	The monitoring of the student work performed by teams will be done.

Assessment



Methodologies	Competencies / Results	Description	Qualification
Mixed objective/subjective test	A12 A13 A14 A18 A19 C1 C4 C6	<p>Community physiotherapy module</p> <p>Examination will consist of multiple choice questions, open questions and analysis of a text, in order to evaluate the skills of this module. Account for up to 30% of the final grade, provided that the student has succeed in public health part.</p> <p>Public Health module</p> <p>To assess the knowledge acquired in the part of the subject taught by the teacher Saleta, students must pass a written exam consisting of multiple choice questions, short questions and exercises that will require calculation. To take the exam will need to meet two requirements for the course: one is that the student should not have missed practical lessons more than once, and the other is that it should work in the research group. In the event that during the course you could not participate in the work, you must submit the work on your own, for July . This written examination equivalent to 40% of the final grade, provided they have succeed in Community physiotherapy part.</p> <p>Will be essential to overcome each of the modules of the course and to approve and make half with the other module.</p>	70
Collaborative learning	A12 A13 A14 A17 A18 A19 C1 C4 C6 C7	<p>Community physiotherapy module</p> <p>Design and presentation of a program of community physiotherapy, health promotion or prevention, in teams of about 5 people. It will represent up to 20% of the final grade.</p> <p>Public health module.</p> <p>Evaluation of research work to be conducted in groups of approximately 10 students. He counted up to 10% of the final grade.</p>	30

Assessment comments

The mean mark only will be done if both modules are overcome.

To pass the part of the subject taught by the teacher Saleta is essential attend practical classes and participate with the rest of the peer group in conducting a research. If more than one practical class is missed or don't participate in the research WILL CONSTITUTE A FAILURE OF THE PART TAUGHT BY PROFESSOR. For subsequent calls will be indispensable to present a research work individually, if you have not participated in group work during the course.

Sources of information



Basic	<ul style="list-style-type: none">- Argimón Pallás JM, Jiménez Villa J (1997). Diseño de investigaciones en ciencias de la salud. Barcelona: Signo- Hernández-Aguado I et al. (2011). Manual de epidemiología y salud pública para grados en ciencias de la salud. Madrid: Editorial Médica Panamericana- Lemus JD, Aragües y Oroz V, Lucioni MC (2008). Epidemiología y salud comunitaria. Rosario: Corpus- Malagón-Londoño G, Moncayo Medina A (2011). Salud pública. Perspectivas. Bogotá: Editorial Médica Panamericana- Martínez Rodríguez, A. (2008). Fisioterapia en atención primaria . Madrid: Síntesis- Piédrola Gil (2008). Medicina Preventiva y salud pública. Barcelona: Elsevier Masson- Sánchez Moreno A et al. (2000). Enfermería comunitaria 1. Concepto de salud y factores que la condicionan. Madrid: McGraw-Hill Interamericana- Sánchez Moreno A et al. (2000). Enfermería comunitaria 3. Actuación en enfermería comunitaria. Sistemas y programas de salud. . Madrid: McGraw-Hill Interamericana
Complementary	

Recommendations
Subjects that it is recommended to have taken before
MARCO TEÓRICO DA FISIOTERAPIA E A REHABILITACIÓN FÍSICA/651G01006 PSICOLOXÍA/651G01012 ESTANCIAS CLÍNICAS I/651G01035
Subjects that are recommended to be taken simultaneously
DOCUMENTACIÓN E ESTADÍSTICA SANITARIA/651G01028 LEXISLACIÓN E ADMINISTRACIÓN SANITARIA/651G01029
Subjects that continue the syllabus
TRABALLO FIN DE GRAO/651G01034
Other comments
To organize the work to go manage the study and implementation of selfworking activities throughout the whole semester, in order to facilitate learning and success in the evaluation.

(*)The teaching guide is the document in which the URV publishes the information about all its courses. It is a public document and cannot be modified. Only in exceptional cases can it be revised by the competent agent or duly revised so that it is in line with current legislation.