



IDENTIFYING DATA

Education: Epistemology of physical activity, sport and physical education science

Subject	Education: Epistemology of physical activity, sport and physical education science			
Code	P02G050V01301			
Study programme	(*)Grao en Ciencias da Actividade Física e do Deporte			
Descriptors	ECTS Credits 6	Choose Basic education	Year 2nd	Quadmester 1st
Teaching language	Spanish Galician			
Department	Special Didactics			
Coordinator	Rey Cao, Ana Isabel Figueira Rodriguez, Alberto			
Lecturers	Figueira Rodriguez, Alberto Rey Cao, Ana Isabel			
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General description	The subject shows the basic notions that university students must to know about construction of the scientific knowledge and the professional ethics. It delimits differentiates science and profession in the field competencial of the qualifications of the Degree in Sciences of the Physical Activity and the Sport, and in the knowledge of the object of studio of the same: motricity, corporality and corporal practices.			

Competencies

Code	
B1	Conceptualization and identification of the object of study of the Sciences of the Physical Activity and the Sport.
B2	Knowledge and comprehension of the scientific literature of the area of the physical activity and the sport.
B9	Knowledge and comprehension of the foundations of the physical exercise, motive game, dance, movement and activities in the nature.
B11	Knowledge and comprehension of the ethical beginning necessary for the correct professional exercise.
B12	Application of the technologies of the information and communication (TIC) to the area of the Sciences of the Physical Activity and of the Sport.
B13	Habits of excellence and quality in the professional exercise.
B25	Skill of leadership, capacity of interpersonal relation and teamwork.
B26	Adjustment to new situations, the resolution of problems and the autonomous learning.

Learning outcomes

Expected results from this subject	Training and Learning Results
Differentiate between the reality and the objects of study. Comprise the function of the epistemology.	B1
Distinguish different types of object of study that can be addressed by CCAFD.	B1
Understand the object of study human motor functions from different perspectives formal and know how to identify their different notes: psychological, somatic, natural, cultural, centripetal and centrifugal.	B9
Understand the existence of paradigms or different approaches in the interpretation of the world and how affect to the scientific knowledge.	B1 B2 B26

Identify the different paradigmatic currents valid in the field discipline of the Sciences of the Physical Activity and the Sport.	B1
Think different perspectives of social and practical understanding on the body and the human motricity, known and unknown, hegemonic and marginals, possible and impossible.	
Comprise the relation between the language, the knowledge and the paradigmatic philosophical/conceptions on the corporality human.	B1 B9
Know, identify, distinguish and nominate the different demonstrations of the human motricity and/or corporal practices.	B1 B9
Identify, select and reach consensus in group to election of an object of study linked to the CCAFD.	B1 B25
Elaborate, present and explain in team a visual presentation on the object of study.	B12 B25 B26
Apply the systemic paradigm to the knowledge of the phenomena linked with the physical activity-sportive and/or human motricity	B1 B26
Identify the basic structure of a memory of investigation.	B2
Comprise and apply with property to scientific language in the academic and professional field.	B2
Elaborate academic works of structured and rigorous form. Know reference the documentation.	B2 B13 B26
Look for information of quality on a question that interest us know.	B1 B12 B26
Understand a scientific document and know extract of the same the information that interests us.	B2
Know what is a profession and his relation with the context partner-economic.	B1
Differentiate the profession of the science. Distinguish the professional and scientific dimensions-humanistic of the university degree.	B13
Know the professional regulation of the field of the physical activity-sportive.	B11
Know the Official School of Graduates in Physical Education and in Sciences of the Physical Activity and of the Sport.	B13
Comprise what is the ethical and the need to incorporate the in the professional and academic practice-scientific.	B11 B13
Read and reflect on the ethical and deontological codes existent in the field of the CCAFD.	
Incorporate the ethical reflection in the academic practice.	
Become aware of the importance of the training continues and of the social commitment with the very common.	
Be receptive/the and reflexionar without prejudices on the questions and dilemmas formulated in the classes.	B11 B13
Be flexible in front of new approaches on the Sciences of the Physical Activity and the Sport.	B26
Take part and interact with the group kind in the dynamic proposals.	B25

Contents

Topic	
1. The science. Conceptual appearances.	1.1. The epistemology and the science.
Contents Degree Verifica: 1. General notions and epistemological vocabulary: concept of Science and main currents of the epistemology.	1.2. The knowledge and the scientific knowledge.
Foundations of the knowledge of the reality. 2. Epistemology and science. Epistemology and sociology of the science.	1.3. Characteristics of the scientific knowledge.
	1.4. The object of study.
	1.5. The scientific investigation.
	1.6. The classifications of the sciences.
	1.7. The paradigms. The systemic paradigm.
	1.8. Feminist epistemology and gender.
2. Epistemology and science. Epistemology and sociology of science.	2.1. Characteristics of scientific knowledge.
	2.2. The object of study.
	2.3. Scientific research.
	2.4. The ratings sciences.
	2.5. The paradigms. The systemic paradigm.
	2.6. Feminist epistemology and gender theory.
3. Object of study, consideration scientific, epistemological paradigms and history of Physical Education and Sciences of Physical Activity and Sport.	3.1. The object of study of the Physical Activity and the Sport.of Sciences
4. Matrix disciplinary Sciences Physical Activity and Sport. Scientific theories and fundamentals on motor skills, physical activity and sport.	4.1. The configuration disciplinary Sciences of Physical Activity and Sport.
	4.2. The semantic definition of the object: physical activity to the motor.
	4.3. An analysis of systemic human motor functions.

5. Ethics and profession. Ontology of Sciences of Physical Activity and Sport.

5.1. ethics

5.1.1 Ethics and profession.

5.1.2. CODE OF ETHICS.

5.1.3. The aims of the physical education and professional practice linked to the expressions drive.

5.1.4. Moral dilemmas.

5.2. profession

5.2.1. The profession.

5.2.2. A professional regulation.

5.2.3. The Professional Association of Licensed / as in Physical Education and Science of Physical Activity and Sport.

Planning			
	Class hours	Hours outside the classroom	Total hours
Lecturing	10	20	30
Group tutoring	2	2	4
Supervised work	7	21	28
Case studies	12	24	36
Classroom jobs	13	13	26
Debate	5	5	10
Essay questions exam	2	14	16

*The information in the planning table is for guidance only and does not take into account the heterogeneity of the students.

Methodologies	
	Description
Lecturing	- Oral exhibition with audiovisual support of the conceptual contents
Group tutoring	Resolution of doubt, query and tracking of works.
Supervised work	Preparation of a scholarly work. Delimitation of a subject, context, search for resources using databases, and writing the essay. Application of APA style manual.
Case studies	- Analysis and comprehensive reading of academic and scientific documentation. - Compilation and analysis of common knowledge about physical activity and sport through different media. - Analysis of the systemic professional field. - Analysis of the systemic configuration of academic degree.
Classroom jobs	-Resolution in group of problems presented by the teacher related to the subject taught. -Use of group work techniques, role play games, search for reviews or news contests.
Debate	- Discussion programmed on relative situations the scientific delimitation and discipline of the Sciences of the Physical Activity and of the Sport. - Discussion programmed on terminological situations and epistemological identity. - Critical of news linked with problematic epistemological of the Sciences of the Physical Activity and of the Sport

Personalized attention

Methodologies	Description
Supervised work	Supervision and discussion in group and individual tutorials on the work to be performed by students. Discussion and critical reading scheduled.
Group tutoring	Resolution of doubts, consultation and supervision of works.

Assessment			
	Description	Qualification	Training and Learning Results
Supervised work	Attending classes C for the supervision and monitoring of the labor ward.	30	B2 B12 B25 B26
Case studies	Analysis sistémico of different problematic vencelladas with the matriz discipline and professional of the titulación. Recopilación And critical of news vencelladas with problematic epistemológicas in torno the physical activity and when deposing you.	20	

Classroom jobs	Assistance and active participation in the practices of laboratory. Presentation of the summaries or aim of each session.	20	B1 B2 B9 B11 B12 B13 B25 B26
Essay questions exam	Questions of development on the contained keys of the matter. Understanding and critical perspective.	30	B9 B11 B26

Other comments on the Evaluation

To surpass the asignatura is indispensable to manage a calificación minimum of 5 points.

The students "No assistant" will owe to realize the metodologías of "Work Tutelado" and to "Exame of questions of development".

Of not having surpassed the subject in the first announcement, the no purchased competitions will be evaluated in the announcement of July.

In the corresponding announcements it a same academic course, consérvense the qualifications obtained pole students. It will be necessary to repeat the necessary methodologies to achieve a minimum of 5 points.

The titorías are presenciales. It will not realize attention titorial by mail electronic.

The official dates of the exame be able to consult in the web of the empower in the ligazón <http://fcced.uvigo.es/are/docencia/examenes>

Sources of information

Basic Bibliography

Rey Cao, Ana, **Ciencia y motricidad. Epistemología de las ciencias de la actividad física y el deporte.**, 1ª ed., Dykinson., 2014

Rey Cao, Ana, **¡Protestar es cardio! La no ideología ideológica en el campo de las prácticas físico-deportivas.**, 2014

Complementary Bibliography

Agencia Nacional de Evaluación de la Calidad y Acreditación., **Libro blanco. Título de grado en ciencias de la actividad física y el deporte. Recuperado de**http://www.aneca.es/media/150296/libroblanco_deporte_def.pdf, ANECA, 2004

Barbero González, José Ignacio, **La escolarización del cuerpo: reflexiones en torno a la levedad de los valores del capital cuerpo en educación física.**, 2005

Cagigal, José Mª., **José María Cagigal. Obras selectas. Volumen II. Deporte, pulso de nuestro tiempo. El deporte en la sociedad actual. Cultura intelectual y cultura física.**, 1ª ed., Comité Olímpico Español; Ente de Promoción Deportiva, 1996

Devís Devís, J. Martínez Moya, P y Villamon Herrera, J., **La profesionalización de la Educación Física: caracterización y evolución del conocimiento científico. En S. García (Coord.) Congreso Internacional de Historia de la Educación Física. (pp. 149-156).**, 1ª ed., Universidad de Salamanca y Gymnos., 2002

Martín Acero, Rafael, González Valeiro, Miguel (eds.), **Educación física e deporte no século XXI. VI Congreso Galego de Educación Física. Vol.1: Simposio Internacional de consenso José María Cagigal.**, 1ª ed., A Coruña: Universidade da Coruña. Disponible en h, 1998

Oña, Antonio, **La ciencia en la actividad física: viejos y nuevos problemas.**, 2002

Red Internacional de investigadores en motricidad humana, **La ciencia de la motricidad humana (CMH) como área autónoma de conocimiento: Trayectorias desde la Red Internacional de Investigadores en Motricidad Humana.**, 2006

Rey Cao, Ana y Canales Lacruz, Inma, **Discurso epistémico para una ciencia de la motricidad.**, 2007

Sergio, Manuel, **Um corte epistemológico.**, 1ª ed., Instituto Piaget, 1999

Vicente Pedraz, Miguel, **Teoría pedagógica de la actividad física.**, 1ª ed., Gymnos, 1987

Vicente Pedraz, Miguel, **La educación física como ideología del poder: la construcción de las creencias pedagógicas en torno a las enseñanzas escolares del cuerpo.**, 2009

Recommendations

Subjects that continue the syllabus

Statistics: Research methodology and statistics in physical activity and sport/P02G050V01302

Other comments

Assistance of continuous form the class.

Reading of the bibliography recommended.

Attitude and predisposition to the critical and analytical thought.
