



IDENTIFYING DATA

(*)O Proceso de Investigación nas Ciencias da Actividade Física e o Deporte

Subject	(*)O Proceso de Investigación nas Ciencias da Actividade Física e o Deporte			
Code	P02M156V01101			
Study programme	(*)Máster Universitario en Investigación en Actividade Física, Deporte e Saúde			
Descriptors	ECTS Credits	Choose	Year	Quadmester
	3	Mandatory	1st	1st
Teaching language	Spanish Galician			
Department				
Coordinator	Gutierrez Sánchez, Águeda Rey Cao, Ana Isabel			
Lecturers	Gutierrez Sánchez, Águeda Rey Cao, Ana Isabel			
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Web				
General description	In the course will facilitate a basic understanding of the characteristics of the scientific knowledge how cultural phenomenon and historical builded. They Will seat the bases for it construcción of investigations with coherence epistemological and methodological.			

Competencies

Code	
A1	Own and understand knowledge that provide a base or an opportunity to be original at the develop or application of ideas, often in a research context.
A2	The students known to apply the acquire knowledge and be able to solve problem in new environment or less known in wider contexts (or multidisciplinary) related with their study area.
A3	The students known to integrate knowledge and confront the complexity of formulate judgments from information that, been incomplete or limited, include reflexions about social and ethics responsibilities linked to the application of their knowledge and judgments.
A5	The students own the ability of learn to continuos studying, in wide range, on a self-directed and autonomous way.
B2	Be able to devise, design, put in to practice and adopt a research process rigorously academics in the physical activity, health and sports study ambit.
B4	Critically analyze, evaluate and synthesize new and complex ideas in the physical activity, health and sports study ambit.
C2	Develop scientific thoughts capacity to research in the physical activity, health and sports study ambit.
C4	Show link attitudes with excellence habits, ethical commitment and quality in the research exercise physical activity, health and sports study ambit
C7	Assess, manage and combine different techniques of physical activity, health and sports sciences research.
C8	Analyze on a critically the methodological options that arise in the physical activity, health and sports study ambit.
C9	Be able to design and implement a research work in the physical activity, health and sports study ambit.
D1	Critically assess the knowledge, the technology and the available information to solve problems.
D3	Be able to promote in academic and professional contexts activities to improve the technological advance, social and cultural, in physical activity, health and sports sciences field.
D4	Use basic tools of information and communication technologies (ICTs) needed for their profession exercise and for the lifelong learning.

Learning outcomes

Expected results from this subject	Training and Learning Results
- Know and know expose a problem of investigation.	A1 A2 B2 C2 C9 D3
- Know and know draft hypothesis of investigation.	A1 A2 B2 C2 C9
- Know and know define the variables of investigation.	A1 A2 A3 B2 B4 C2 C9
- Be able to interpret results, argue them and obtain conclusions of the same.	A1 A2 A3 A5 B2 B4 C2 C4 C9 D1 D3 D4
- Knowledge of the different technical of investigation.	A5 C7 C8 D3 D4

Contents

Topic

1. The investigation in sciences of the physical activity, sport and health.
2. The scientific approach. The cycle of application in the sciences of the physical activity, sport and health.
3. Approach of the problem in the sciences of the physical activity, sport and health.
4. The hypothesis in the scientific investigation in the sciences of the physical activity, sport and health.
5. Variables of investigation in sciences of the physical activity, sport and health.
6. The experimental control in the sciences of the physical activity, sport and health.
7. Collected and analysis of data in the sciences of the physical activity, sport and health.

Planning

	Class hours	Hours outside the classroom	Total hours
Introductory activities	1	0	1
Master Session	8	32	40
Troubleshooting and / or exercises	5	15	20
Autonomous troubleshooting and / or exercises	1	13	14

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

Methodologies	
	Description
Introductory activities	Explanation of the basic procedures of the course and *contextualización of the *asignatura. Evaluation of previous knowledges.
Master Session	In the session *magistral predominates the form *expositiva, of the contents of the *asignatura. It works fundamentally the know (technical competition), although also they work the others know (know do, know be and know be). The educational exerts an essentially active paper. The *alumnado has like function take notes, notes, relate concepts, ask to the educational..
Troubleshooting and / or exercises	Approach, analysis, resolution and debate by part of the *alumnado of problems or exercises related with the thematic of the matter.
Autonomous troubleshooting and / or exercises	Approach, analysis, resolution and debate by part of the *alumnado of problems or exercises related with the thematic of the matter. Realisation of works linked with the matter of the course.

Personalized attention	
Methodologies	Description
Autonomous troubleshooting and / or exercises	Advice and *tutorización for the resolution of the problems proposed in the matter. This time is reserved to attend and resolve the doubts of the *alumnado. The attention will be individual and in groups reduced, in function of the character of the attention. When it was individual will take place in the dispatch of the educational, by videoconference or by mail. These activities have like function orient and guide the process of learning of the *alumnado.

Assessment				
	Description	Qualification	Training and Learning Results	
Master Session	Examination of the contents treated in class. Control of the assistance and critical participation in the face-to-face classrooms.	50	C2	D1 D3
Troubleshooting and / or exercises	Evaluation and correction of the exercises and activities proposed in the face-to-face classroom.	20	C4 C7 C8	D1 D4
Autonomous troubleshooting and / or exercises	Preparation, realisation and correction of the exercises and activities proposed for his realisation had been of the schedule of classroom. Correction of the works proposed linked with the contents of the *asignatura.	30	A1 A2 A3 A5	B2 B4 C2 C4 C7 C8 C9

Other comments on the Evaluation
The evaluation in second announcement will realise exclusively by means of a proof written.

Sources of information

Recommendations
Subjects that continue the syllabus
(*)A Comunicación Científica e Fontes Documentais nas Ciências da Activiade Física e o Deporte/P02M156V01102
(*)Metodoloxía Cualitativa nas Ciências da Actividade Física e do Deporte/P02M156V01106
(*)Metodoloxía Experimental e Cuasiexperimental nas Ciências da Actividade Física e o Deporte/P02M156V01103
(*)Metodoloxía Selectivo Correlacional/P02M156V01104
(*)Revisión Sistemática e Metaanálise/P02M156V01107