Universida_{de}Vigo

Subject Guide 2023 / 2024

IDENTIFYIN	G DATA				
Observatio	n Designs Applied to Sports	s Research			
Subject	Observation				
	Designs Applied to				
	Sports Research				
Code	P02M156V01105				
Study	Máster				
programme	Universitario en				
	Investigación en				
	Actividad Física,				
	Deporte y Salud				
Descriptors	ECTS Credits		Choose	Year	Quadmester
	3		Mandatory	1st	1st
Teaching	Spanish				
language	Galician				
Department					
Coordinator	Gutierrez Santiago, Alfonso				
Lecturers	Gutierrez Santiago, Alfonso				
	Prieto Lage, Iván				
E-mail	ags@uvigo.es				
Web	http://https://investigacioneso	observacionales.blogsp	ot.com/		
General	(*)Este Curso pretende dotar	ao alumnado dun coñe	ecemento básico ac	erca da metodo	oloxía observacional co
description	obxectivo de conseguir investigadores capaces de aplicar as distintas posibilidades desta metodoloxía e de				
-	analizar críticamente traballo	os de investigación que	utilicen estas técn	icas.	
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Training and Learning Results

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.
- B1 Recognize and learn the study field of physical activity, health and sports, acquiring enough of abilities and methods of researching en these areas.
- 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.
- 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.
- D2 Effectively communicate in academic and informative ambits ideas and concepts linked with the physical activity, health and sports studies.
- 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.

Expected results from this subject

Expected results from this subject

Training and Learning Results

Know and know realise a proposal of observational study applied to the investigation in the sport.	A1
	A2
	A3
	A5
	B1
	B2
	C8
	C9
	D1
	D2
	D3
	D4
Know analyse the results and interpret them.	A1
	A2
	A3
	A5
	B1
	B4
	C7
	C9
	D2
	D3
	D4
Contents	
Торіс	
Observational methodology. Basic concepts and Observational methodology. Basic concepts and applications	plications

applications			
Observational designs	Observational designs		
Phases of the process in the observational	Delimitation of the aims.		
investigation	Collected and optimisation of data.		
-	Analysis of data.		
	Interpretation of results.		
Instruments of Register	Lince		
Polar Coordinate Technique and Sequential	Polar Coordinate Technique and Sequential Analysis		
Analysis			
Sequential analysis	T-Pattern		

Planning			
	Class hours	Hours outside the classroom	Total hours
Mentored work	0	50	50
Problem solving	5	0	5
Lecturing	10	0	10
Objective questions exam	0	9	9
Presentation	0	1	1
*The information in the planning table is	s for guidance only and does no	ot take into account the het	erogeneity of the students.

Methodologies	
	Description
Mentored work	The students has to develop of autonomous form the analysis and resolution of the problems and/or exercises
Problem solving	Activities in which they formulate problems and/or exercises related with the matter
Lecturing	Exhibition of the main theoretical contents of the matter with help of audiovisual means

Personalized assistance			
Methodologies	Description		
Lecturing	Personalised attention during the development of the master sessions. Provide the necessary didactic materials.		
Mentored work	Attention to the demands of the studentes to be able to develop his autonomous work for the preparation of the work.		
Problem solving	Individualized attentiona during the development of the tasks posed in the face-to-face sessions. Provide the tools and necessary software for the development of the exercises.		

Assessment					
	Description	Qualification	Training and Learning Results		
Mentored work	It will value the development of a practical case by means of the delivery of a tutored work compulsory.	40	B1 B2 B4	C7 C8	D1 D2 D3 D4
Problem solving	It will value the development of the tasks posed to develop in the classroom	20	B1 B2	C7 C8	D4
Lecturing	It will realise a control of assistance to the same.	10	B1 B4	C8	D1
Objective questions exam	It will value the examination type test	0	B1 B4	C7 C8	
Presentation	The defence of the practical case study developed in the compulsory tutored work will be assessed.	30	B1 B2 B4	C7 C8	D1 D2 D3 D4

Other comments on the Evaluation

The above qualification criteria are for students who attend at least 80% of the sessions, and who therefore can undergo a **CONTINUOUS EVALUATION**.

For students who do NOT attend 80% of the sessions (**GLOBAL OR NON-CONTINUOUS EVALUATION**), in order to be eligible for the highest grade, the qualification criteria will be as follows:

- Development of a practical case through the delivery and defense of a supervised work: 70%
- Test type examination: 30%.

The official dates of the exams will be available on the website of the master "Teaching. Exams".

If the subject is not passed, students will be assessed in the July exam using the GLOBAL or NON CONTINUOUS assessment system.

Sources of information

Basic Bibliography

Anguera,A.; Blanco-Villaseñor, A.; Losada, J.L., & Portell, M, Pautas para elaborar trabajos que utilizan la metodología observacional, 2018

ANGUERA, M.T., BLANCO, A., HERNÁNDEZ, A y LOSADA, J.L., **Diseños observacionales: ajuste y aplicación en** psicología del deporte, 2011

ANGUERA, M.T. y BLANCO-VILLASEÑOR, A., ¿Cómo se lleva a cabo un registro observacional?, 2006

ANGUERA, M.T., BLANCO-VILLASEÑOR, A., LOSADA, J. L. y HERNÁNDEZ MENDO, A., La metodología observacional en el deporte: Conceptos básicos, 2000

Anguera, M.T y Hernández Mendo, A., La metodología observacional en el ámbito del deporte, 2013

Gutiérrez, A.; Isorna, M.; Prieto, I. & Alacid, F., La investigación en las ciencias de la actividad física y del deporte: piragüismo, 1º Edición, 2.0 Editora, 2011

Hernández Mendo, A., Psicología del deporte (Vol. II): Metodología, 1º Edición, Wanceulen, 2005

Complementary Bibliography

ANGUERA, M.T., Manual de prácticas de observación, 1º Edición, Trillas, 1983

ANGUERA, M.T., Metodología de la observación en las ciencias humanas, 1º Edición, Cátedra, 1992

ANGUERA, M.T., Metodología observacional en la investigaciónpsicológica (Vol. I), 1º Edición, P.P.U., 1991

ANGUERA, M.T., BLANCO-VILLASEÑOR, A., & LOSADA, J.L., **Diseños Observacionales, cuestión clave en el proceso de** la metodología observacional, 2001

BAKEMAN, R., & QUERA, V., Analyzing interaction: Sequential analysis using SDIS and GSEQ, 1^o Edición, Cambridge University Press, 1995

Gutiérrez-Dávila, M. y Oña, A., **Metodología en las ciencias del deporte**, 1º Edición, Sintesis, 2005 León, O. y Montero I., **Diseño de investigaciones**, 2º edición, McGraw-Hill, 1997

Recommendations

Subjects that continue the syllabus Final Year Dissertation/P02M156V01206

Subjects that are recommended to be taken simultaneously

Exploratory Data Analysis and Inferential Analysis/P02M156V01108