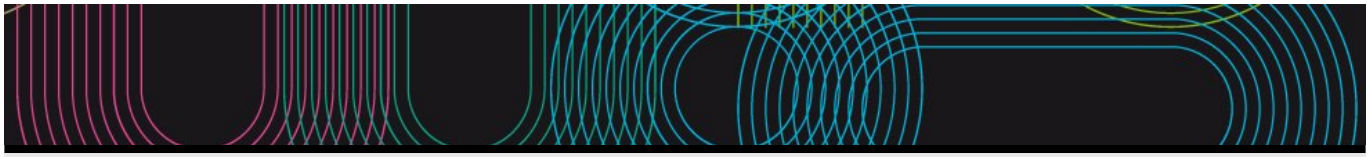

IDENTIFYING DATA				
Observation Designs Applied to Sports Research				
Subject	Observation Designs Applied to Sports Research			
Code	P02M156V01105			
Study programme	Máster Universitario en Investigación en Actividad Física, Deporte y Salud			
Descriptors	ECTS Credits	Choose	Year	Quadmester
	3	Mandatory	1st	1st
Teaching language	Spanish Galician			
Department				
Coordinator	Gutierrez Santiago, Alfonso			
Lecturers	Gutierrez Santiago, Alfonso Prieto Lage, Iván			
E-mail	ags@uvigo.es			
Web	http://https://investigacionesobservacionales.blogspot.com/			
General description	(*)Este Curso pretende dotar ao alumnado dun coñecemento básico acerca da metodoloxía observacional co obxectivo de conseguir investigadores capaces de aplicar as distintas posibilidades desta metodoloxía e de analizar críticamente traballos de investigación que utilicen estas técnicas.			

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	
Topic	
Observational methodology. Basic concepts and applications	Observational methodology. Basic concepts and applications
Observational designs	Observational designs
Phases of the process in the observational investigation	Delimitation of the aims. Collected and optimisation of data. Analysis of data. Interpretation of results.
Instruments of Register	Lince
Polar Coordinate Technique and Sequential Analysis	Polar Coordinate Technique and Sequential 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 for guidance only and does not take into account the heterogeneity 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

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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**, 1º 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