



IDENTIFYING DATA

(*)Actividades Acuáticas, Salvamento e Socorrismo

Subject	(*)Actividades Acuáticas, Salvamento e Socorrismo			
Code	P02M156V01205			
Study programme	(*)Máster Universitario en Investigación en Actividade Física, Deporte e Saúde			
Descriptors	ECTS Credits	Choose	Year	Quadmester
	20	Optional	1st	2nd
Teaching language	Spanish			
Department				
Coordinator	Barcala Furelos, Roberto Jesús			
Lecturers	Barcala Furelos, Roberto Jesús			
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General description				

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.
A4	The studens know to communicate their conclusions-and the knowledge's and rationale that support it- to specialist public and not specialist on a clear way and unambiguously.
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.
C5	Known and dominant the information search procedures and tools, both en primary and secondary sources in physical activity, health and sports.
C6	Be able to analyze organized, select, classify and compile information about 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.
C10	Manage software packages for the introduction and data analyze collected 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.

Learning outcomes

Expected results from this subject	Training and Learning Results
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Know and know use the technicians of investigation in physical education, physical activity and sport	A1 A2 A3 A4 A5 B4 C5 C9 C10 D1
Know realise a design of investigation in the fields of the physical education, physical activity and sport	A1 A2 A3 A4 A5 B2 C5 C6 D1 D3
Know analyse the results and interpret them	A1 A2 A3 A4 B4 D1

Contents

Topic	
The scientific method in the analysis of the aquatic activities and of the Lifesaving.	Analysis of investigation Aquatic Activities Analysis of investigation in lifesaving and first aids
Designs of investigation for the analysis of of the aquatic activities and of the lifesaving.	Observational designs experimental Designs and *quasi-experimental
Implementation of a design for the analysis of the aquatic activities and of the Lifesaving.	The object of study The questions of investigation The design The interpretation
Collected and processing of corresponding data to a design for the analysis of the aquatic activities and of the *socorrismo.	The collected of data in aquatic surroundings Biases and odd variables The *análisis statistical more usual in rescue, *socorrismo and first helps.
Oral communication and written of a design for the analysis of the aquatic activities and of the lifesaving.	Like writing a scientific work in the field of sciences of the health and sciences of the sport Like presenting a scientific work in the field of the sciences of the health and the sciences of the sport.

Planning

	Class hours	Hours outside the classroom	Total hours
Master Session	10	20	30
Laboratory practises	100	200	300
Forum Index	50	100	150
Presentations / exhibitions	10	0	10
Portfolio / dossier	0	10	10

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

Methodologies

	Description
Master Session	Master class on the contents of the field.
Laboratory practises	Practices of investigation in the laboratory of control engine. Practices and collaboration with the investigations in the aquatic surroundings (aquatic installations and natural aquatic spaces)
Forum Index	Periodic meetings of the group of investigation in which they expose the advances in the different lines of work and argues on his findings.
Presentations / exhibitions	Individual meeting in which they expose the progresses in the works of investigation initiated by the student

Personalized attention

Methodologies	Description
Laboratory practises	Forum composed by researchers of the university groups REMOSS and GIAAS in which it will argue and will evaluate of continuous form the progress of the studentes in his different work investigation linked with the lifesaving, aquatic activities or first aids.
Forum Index	Forum composed by researchers of the university groups REMOSS and GIAAS in which it will argue and will evaluate of continuous form the progress of the studentes in his different work investigation linked with the lifesaving, aquatic activities or first aids.
Presentations / exhibitions	Forum composed by researchers of the university groups REMOSS and GIAAS in which it will argue and will evaluate of continuous form the progress of the studentes in his different work investigation linked with the lifesaving, aquatic activities or first aids.

Assessment

	Description	Qualification	Training and Learning Results			
			A1	B2	C5	D1
Presentations / exhibitions	Presentation of the evolution and progress of the works of investigation in *socorrismo, aquatic activities or first helps, realised by the student.	50	A2	B4	C6	D3
			A3		C9	
			A4		C10	
			A5			
Portfolio / dossier	Register written of the activities realised by the student linked to the contents and work of the matter, during his period *lectivo.	50	A1	B2	C5	D1
			A2	B4	C6	D3
			A3		C9	
			A4		C10	
			A5			

Other comments on the Evaluation**Sources of information**

SCOPUS,

PUBMED,

SPORTDISCUS,

Miró, O., **Manual básico para el urgenciólogo investigador**, 1,**Recommendations**