



1. General information

Course: RESEARCH IN PHYSICAL ACTIVITY IN HEALTH SERVICE MA

Type: ELECTIVE

Degree: 2323 - MASTERS DEGREE PROGRAMME IN SPORT SCIENCE

Center: 8 - FACULTY OF SPORT SCIENCES

Year: 1

Main language: Spanish

Use of additional
languages:

Web site:

Code: 310498

ECTS credits: 4.5

Academic year: 2023-24

Group(s): 40

Duration: C2

Second language: English

English Friendly: Y

Bilingual: N

Lecturer: LEONOR GALLARDO GUERRERO - Group(s): 40				
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Lecturer: JORGE FERNANDO GARCIA UNANUE - Group(s): 40				
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2. Pre-Requisites

Not established

3. Justification in the curriculum, relation to other subjects and to the profession

Not established

4. Degree competences achieved in this course

Course competences

Code	Description
E01	Manage the different research techniques in the Sciences of Physical Activity and Sport, identifying the differential facts of the study carried out.
E02	Employ strategies of excellence, ethics and quality in the research exercise in the field of Physical Activity for Health and Sport Performance, following the recommendations of the Declaration of Helsinki and Law 14/2007 on Biomedical Research.
E03	Manage the different methodological options that can be used in the field of Physical Activity for Health and Sport Performance.
E04	Design research projects in the Sciences of Physical Activity and Sport adjusting to the conditions of the field of study.
E21	Design sports action plans for the community by contributing ideas and indicators that improve existing proposals in the administrative or private sector.
G01	Apply the knowledge linked to Sports Sciences using research methods, adapting them to the changes derived from the innovation processes.
G02	Design research designs adapted to the conditions of scientific rigor in the field of study of Sport Sciences
G03	Contribute through original research to broaden the horizons in the field of study of physical activity for health and sport performance, offering the findings found for possible publication referenced nationally and internationally.
G04	Carry out a critical analysis, on the development and presentation of new and complex ideas in the field of study of physical activity for health and sport performance, by means of an informed assessment.
G05	Promote the mutual exchange of knowledge with other colleagues, with the academic world, and with society in general, in relation to the field of study of physical activity for health and sport performance.
G06	To promote in academic and professional contexts the technological, social or cultural advancement, in the field of physical activity sciences for health and sport performance, within a knowledge-based society.
G07	Acquire skills that allow to train throughout the life cycle in an autonomous way using existing resources in different fields of knowledge
G08	Critically interpret scientific documents and seminars in Spanish and English.
M039	Identify the agents involved in the configuration of strategic action plans. (G4, G5, G6, E21).
M040	Diagnose the situation of physical activity practice in different contexts and communities according to the services offered. (G1, G2, G3, E21).
M041	Develop plans to support the needs identified in local physical activity services. (G7, G8, E1, E21).
M042	Use appropriate research methods in the development of services and products. (G1, G2, G3, E1, E2, E3, E4, E21).

5. Objectives or Learning Outcomes

Course learning outcomes

Description

Identify the composition of the different management structures of the physical activities in the administration and in the private company.

Analyze the evolution of the equipment for the practice of physical activities oriented to health in relation to new social demands.

Analyze the possibilities of urban spaces for the practice of physical activities oriented to health.

Know the regulations of subsidies and aid for the practice of physical activities oriented to health that gathers their updated needs.

6. Units / Contents

Unit 1:

Unit 2:

Unit 3:

Unit 4:

7. Activities, Units/Modules and Methodology

Training Activity	Methodology	Related Competences (only degrees before RD 822/2021)	ECTS	Hours	As	Com	Description
Writing of reports or projects [OFF-SITE]	Combination of methods	E01 E02 E03 E04 G02 G04 G06 G07 G08 M039 M040 M041 M042	2	50	Y	Y	
Class Attendance (theory) [ON-SITE]	Combination of methods	E01 E02 E03 E04 E21 G01 G02 G03 G04 G05 G06 G07 G08 M039 M040 M041 M042	1.12	28	N	-	
Study and Exam Preparation [OFF-SITE]	Self-study	E01 E02 E03 G03 G04 G08 M039 M040 M041 M042	1.38	34.5	N	-	
Total:			4.5	112.5			
Total credits of in-class work: 1.12			Total class time hours: 28				
Total credits of out of class work: 3.38			Total hours of out of class work: 84.5				

As: Assessable training activity

Com: Training activity of compulsory overcoming (It will be essential to overcome both continuous and non-continuous assessment).

8. Evaluation criteria and Grading System

Evaluation System	Continuous assessment	Non-continuous evaluation*	Description
Projects	50.00%	50.00%	
Assessment of problem solving and/or case studies	50.00%	50.00%	
Total:	100.00%	100.00%	

According to art. 4 of the UCLM Student Evaluation Regulations, it must be provided to students who cannot regularly attend face-to-face training activities the passing of the subject, having the right (art. 12.2) to be globally graded, in 2 annual calls per subject, an ordinary and an extraordinary one (evaluating 100% of the competences).

9. Assignments, course calendar and important dates

Not related to the syllabus/contents	
Hours	hours
Unit 1 (de 4):	
Activities	Hours
Writing of reports or projects [AUTÓNOMA][Combination of methods]	12
Class Attendance (theory) [PRESENCIAL][Combination of methods]	5
Study and Exam Preparation [AUTÓNOMA][Self-study]	8
Unit 2 (de 4):	
Activities	Hours
Writing of reports or projects [AUTÓNOMA][Combination of methods]	15
Class Attendance (theory) [PRESENCIAL][Combination of methods]	8
Study and Exam Preparation [AUTÓNOMA][Self-study]	8
Unit 3 (de 4):	
Activities	Hours
Writing of reports or projects [AUTÓNOMA][Combination of methods]	15
Class Attendance (theory) [PRESENCIAL][Combination of methods]	9
Study and Exam Preparation [AUTÓNOMA][Self-study]	8
Unit 4 (de 4):	
Activities	Hours
Writing of reports or projects [AUTÓNOMA][Combination of methods]	8
Class Attendance (theory) [PRESENCIAL][Combination of methods]	6
Study and Exam Preparation [AUTÓNOMA][Self-study]	10.5
Global activity	
Activities	hours
Writing of reports or projects [AUTÓNOMA][Combination of methods]	50
Class Attendance (theory) [PRESENCIAL][Combination of methods]	28
Study and Exam Preparation [AUTÓNOMA][Self-study]	34.5
Total horas: 112.5	

10. Bibliography and Sources

Publishing

Author(s)	Title/Link	house	Citv	ISBN	Year	Description
Fernández-Luna, A.; Gallardo, L.; Plaza-Carmona, M.; García-Unanue, J.; Sánchez-Sánchez, J.; Felipe, J.L.; Burillo, P.; Ara, I.	Respiratory Function and Changes in Lung Epithelium Biomarkers after a Short-Training Intervention in Chlorinated vs. Ozone Indoor Pools http://journals.plos.org/plosone/article?id=10.1371/journal.pone.0068447				2013	
Gallardo, L.; Burillo, P.; García-Tascón, M.; Salinero, J.J.	The Ranking of the Regions With Regard to Their Sports Facilities to Improve Their Planning in Sport: The Case of Spain http://link.springer.com/article/10.1007%2Fs11205-008-9424-3				2009	
García-Unanue, J.; Felipe, J.L.; Gallardo, L.	Using Action Research to Achieve the Implementation of Cost Accounting: The Case of the Public Sports Organizations at Local Level http://link.springer.com/article/10.1007/s11213-014-9322-3				2015	
Sánchez-Sánchez, J.; Felipe, J.L.; Burillo, P.; del Corral, J.; Gallardo, L.	Effect of the structural components of support on the loss of mechanical properties of football fields of artificial turf www.investigacionengestiondeportiva.es				2014	
Fernández-Luna, A.; Burillo, P.; Felipe, J.L.; del Corral, J.; García-Unanue, J.; Gallardo, L.	Perceived health problems in swimmers according to the chemical treatment of water in swimming pools http://www.tandfonline.com/doi/abs/10.1080/17461391.2014.1001877?journalCode=tejs20#.VYujXvntI8s				2015	