

Course guide

Year 2024/2025 280214 - Physical Activity in Nature

Information about the subject

Degree: Bachelor of Sciences of Physical Activity and Sport

Faculty: Faculty of Physical Activity and Sport Sciences

Code: 280214 Name: Physical Activity in Nature

Credits: 6,00 ECTS Year: 2 Semester: 2

Module: 2) Obligatory Formation module.

Subject Matter: Manifestations of human motor skills. Type: Compulsory

Field of knowledge: Ciencias de la Salud

Department: Physical-Sports Disciplines and Activities

Type of learning: Classroom-based learning

Languages in which it is taught: Spanish

Lecturer/-s:

282A	Victor Sánchez Sanz (Responsible Lecturer)
282B	Ana Pablos Monzo (Responsible Lecturer)
282C	Hector Esteve Ibañez (Responsible Lecturer)
282D	Victor Sánchez Sanz (Responsible Lecturer)
282X	Roberto Miranda Ullan (Responsible Lecturer)

victor.sanchez@ucv.es ana.pablos@ucv.es hector.esteve@ucv.es victor.sanchez@ucv.es roberto.miranda@ucv.es





Module organization

2) Obligatory Formation module.

Subject Matter	ECTS	Subject	ECTS	Year/semester
Manifestations of human motor skills.	18,00	Body Language	6,00	1/1
		Perceptual Motor Skills	6,00	1/2
		Physical Activity in Nature	6,00	2/2
Sports Fundamentals.	42,00	Adapted Sport and Inclusive Physical Activity	6,00	2/2
		Adversary Sports	6,00	2/1
		Individual Sports	6,00	2/1
		Motor Learning and Development	6,00	1/1
		Native Sports and Games	6,00	1/2
		Team Sports	6,00	2/2
		Training Theory and Practice in PA	6,00	2/2





Learning outcomes

At the end of the course, the student must be able to prove that he/she has acquired the following learning outcomes:

- R1 Experiment, contrast and manage resources related to the different physical sports activities in the natural environment.
- R2 Analyze and promote physical-sports activities in the natural environment in different environments that promote a society with values ??of justice, sustainability and co-responsibility.
- R3 Identify and promote learning environments conducive to activities in nature.
- R4 Design and implement tasks, sessions and programs for the development of the different capacities and abilities of games and sports in the natural environment, at different ages and contexts, taking into account diversity.
- R5 Evaluate sports facilities and spaces in the natural environment, their accessibility, safety and functional design, in order to be able to practice physical sports activities in a safe and healthy way.





Competencies

Depending on the learning outcomes, the competencies to which the subject contributes are (please score from 1 to 4, being 4 the highest score):

GENER	AL	Weig	ghting	3
	1	2	3	4
CG1	Understand the scientific literature in English and in other languages ??of significant presence in the scientific field through proper information management.	x		
CG2	Know how to apply information and communication technologies (ICT).	x		
CG3	Develop skills to solve problems through decision making.			x
CG4	Convey any related information properly both in writing and orally.			x
CG5	Plan and organize any activity efficiently.			x
CG6	Develop interpersonal relationship skills and teamwork, both in international and national contexts and in interdisciplinary as well as non-interdisciplinary teams.		X	
CG7	Be able to carry out critical reasoning using the knowledge acquired.			x
CG9	Know and act within the ethical principles necessary for proper professional practice.		x	
CG10	Develop skills for adaptation to new situations and for autonomous learning.	X		
CG11	Develop skills for creativity, initiative and entrepreneurship.			
CG13	Be able to apply theoretical knowledge in practice.			x
CG14	Use the internet properly as a means of communication and as a source of information.		X	
CG15	Transmit the knowledge acquired both to people specialized in the matter and to people not specialized in The subject in question.		x	





CG18 Be able to self-evaluate.	x	

PECIFIC		Weig	hting	I
	1	2	3	4
CE 1.1 Understand, develop and know how to apply the procedures, strategies, activities, resources, techniques and methods involved in the teaching-learning process efficiently, developing the entire course of action in all sectors of intervention professional of physical activity and sports (formal and informal physical-sports education; physical and sports training; exercise physical for health; direction of physical activity and sport).			X	
CE 1.3 Communicate and interact appropriately and efficiently, in physical and sporting activity, in diverse intervention contexts, demonstrating teaching skills in a conscious, natural and continuous way.			X	
CE 1.4 Adapt the educational intervention to the individual characteristics and needs for the entire population and with emphasis on special populations such as: schoolchildren, the elderly (elderly), people with reduced mobility and people with pathologies, health problems or assimilated (diagnosed and / or prescribed by a doctor), taking into account gender and diversity.			X	
CE 3.1 Analyze, identify, diagnose, promote, guide and evaluate strategies, actions and activities that promote the adherence to an active lifestyle and the participation and regular and healthy practice of physical activity and sport and physical exercise in an adequate, efficient and safe way by citizens in order to improve their integral health, well-being and quality of life, and with emphasis on populations of a special nature such as: the elderly (elderly), schoolchildren, people with disability and people with pathologies, health problems or similar (diagnosed and / or prescribed by a doctor) attending gender and diversity.	X			



Course guide

CE 4.1 Fluently develop procedures and protocols to solve unstructured, unpredictable and growing problems complexity, articulating and displaying a domain of the elements, methods, processes, activities, resources and techniques that make up basic motor skills, physical activities, sports skills, play, expressive body activities and dance, and activities in nature in an appropriate, efficient, systematic, varied and methodologically integrated way for all the population and with emphasis on populations of a special nature such as: older people (seniors), schoolchildren, people with disabilities and people with pathologies, health problems or similar (diagnosed and / or prescribed by a doctor), attending to gender and diversity and in any sector of professional intervention of physical activity and sport (teaching formal and informal physical-sports; physical and sports training; physical exercise for health; direction of physical activity and sport).		X
CE 5.1 Analyze, diagnose and evaluate the elements, structure, situation and characteristics of all types of organizations of physical activity and sport as well as the legislative and legal elements related to physical and sporting activity.	X	
CE 5.4 Identify, organize, direct, plan, coordinate, implement and carry out technical-scientific evaluation of resources organizational and material resources and sports facilities, including their basic and functional design as well as adequate selection and use, for each type of activity, in order to achieve safe, efficient physical and sports activities and healthy, adapted to the development, characteristics and needs of individuals and the type of activity, space and entity in any type of organization, population, context and in any sector of professional intervention of physical activity and sport and with emphasis on special populations and guaranteeing safety, efficiency and professionalism in the activity carried out in compliance with current regulations.	X	
CE 6.4 Articulate and deploy procedures, processes, protocols, own analysis, with rigor and scientific attitude on matters of social, legal, economic, scientific or ethical nature, when necessary and pertinent in any professional sector of activity physical and sport (formal and informal physical-sport education; physical and sports training; physical exercise for health; direction of physical activity and sport).	X	





CE 7.1 Know and know how to apply the ethical and deontological principles and of social justice in the performance and professional involvement as well as having habits of scientific and professional rigor and a constant attitude of service to citizens in the exercise of their professional practice with which improvement, excellence, quality and efficiency are intended.	X
CE 7.2 Know, elaborate and know how to apply the ethical-deontological, structural-organizational conditions, professional performance and the regulations for the professional practice of Graduates in Physical Activity and Sports Sciences, in any sector professional of physical activity and sports (formal and informal physical-sports education; physical and sports training; exercise physical for health; direction of physical activity and sports); as well as being able to develop a multidisciplinary work	X
CE 7.3 Understand, know how to explain and disseminate the functions, responsibilities and importance of a good professional Graduated in Sciences of Physical Activity and Sports as well as analyze, understand, identify and reflect critically and autonomously on their identity, training and professional performance to achieve the goals and benefits of physical activity and sport in an adequate, safe, healthy and efficient way in all the physical-sports services offered and provided and in any sector professional of physical activity and sports.	X





Assessment system for the acquisition of competencies and grading system

Assessed learning outcomes	Granted percentage	Assessment method
R1, R2, R4	10,00%	Carrying out a project.
R1, R2, R4	40,00%	Written / oral and / or practical tests.
R1, R4	15,00%	Active participation.
R1, R2	15,00%	Attendance at interviews, seminars and practical activities.
R1, R2, R3, R4, R5	20,00%	Oral presentation of individual and / or group works.

Observations

•The student may keep the evaluation instruments passed during the 3 years following the first enrollment.

·It is not necessary to obtain a minimum in the evaluation instruments, so the grades will be added according to their weighting percentage.

•Attendance to the practical sessions indicated in the schedule is mandatory. In case of not attending 50%, the student will not be evaluated during that academic year in accordance with article 8 of the UCV exam regulations (it will appear as a Not Presented).

Learning activities

The following methodologies will be used so that the students can achieve the learning outcomes of the subject:

M2 Group dynamics and activities.

M3 Practical lesson.





- M4 Presentation of content by the teacher.
- M5 Laboratory practices.
- M7 Small group discussion.
- M8 Resolution of problems and cases.
- M9 Attendance at practices.







IN-CLASS LEARNING ACTIVITIES

	LEARNING OUTCOMES	HOURS	ECTS
THEORETICAL CLASS: Presentation of contents by the teacher. Competency analysis. Demonstration of capabilities, skills and knowledge in the classroom.	R1, R2, R3, R4, R5	8,00	0,32
PRACTICAL CLASS / SEMINAR: Group dynamics and activities. Resolution of problems and cases. Practical laboratories. Data search, computer room, library, etc. Meaningful construction of knowledge through interaction and student activity. M3, M5, M9	R1, R2, R3, R4, R5	46,00	1,84
TUTORING: Supervision of learning, evolution. Small group discussion. Resolution of problems and cases. Presentation of results before the teacher. Presentation of diagrams and indexes of the proposed works.	R1, R2, R4	2,00	0,08
EVALUATION: Set of oral and / or written tests used in the evaluation of the student, including the oral presentation of the final degree project. M2, M8	R1, R2, R3	4,00	0,16
TOTAL		60,00	2,40





LEARNING ACTIVITIES OF AUTONOMOUS WORK

	LEARNING OUTCOMES	HOURS	ECTS
GROUP WORK: Problem solving. Preparation of exercises, memoirs, to expose or deliver in classes and / or in tutoring. M2, M7	R1, R2, R3, R4	30,00	1,20
SELF-EMPLOYED WORK: Study, individual preparation of exercises, works, memories, to expose or deliver in classes and / or in tutoring. Platform activities or other virtual spaces. M2, M3	R1, R2, R3, R5	60,00	2,40
TOTAL		90,00	3,60





Description of the contents

Description of the necessary contents to acquire the learning outcomes.

Theoretical contents:

Content block	Contents
1 Theoretical-practical foundations of the AFMN.	1 Theoretical-practical foundations of the AFMN.
2 Physical-sports activities on land: basic disciplines.	2 Physical-sports activities on land: basic disciplines.
3 Land physical-sports activities involving rope handling: basic maneuvers.	3 Land physical-sports activities involving rope handling: basic maneuvers.
4 Winter physical-sports activities: basic fundamentals.	4 Winter physical-sports activities: basic fundamentals.
5 Aquatic physical-sports activities: basic techniques	5 Aquatic physical-sports activities: basic techniques
6 Games and recreational activities in the natural environment.	6 Games and recreational activities in the natural environment.
7 Sustainability in the AFMN	7 Sustainability in the AFMN





Temporary organization of learning:

Block of content	Number of sessions	Hours
1 Theoretical-practical foundations of the AFMN.	5,00	10,00
2 Physical-sports activities on land: basic disciplines.	10,00	20,00
3 Land physical-sports activities involving rope handling: basic maneuvers.	5,00	10,00
4 Winter physical-sports activities: basic fundamentals.	2,00	4,00
5 Aquatic physical-sports activities: basic techniques	4,00	8,00
6 Games and recreational activities in the natural environment.	2,00	4,00
7 Sustainability in the AFMN	2,00	4,00







References

BASIC BIBLIOGRAPHY:

Baena, A. (2010). *Actividades físicas en el medio natural: Teoría y práctica para la educación física actual.* Sevilla: Wanceulen.

FEDME (2001). *Manual de senderismo*. Zaragoza: Ed. Prames García, E. (2000). *Orientación.* Madrid: Ed. Desnivel.

Iglesias, J.A. (2005). *Fichero de actividades en la naturaleza.* Barcelona: Inde. López, R. (1999). *Senderisme.* Tarragona: Arola.

Martínez, A. (1996). *La práctica de orientación n en centros educativos y deportivos.* Madrid: Gymnos.

MEC (1996). Deporte de orientación. Madrid: MEC.

Mugarra, A. (2000). *Sin dejar huella*. Ed. Grandes Espacios: Madrid Perry, G. (2003). *Nudos*. Barcelona: Ed. Paidotribo.

Pinos, M. (1997). *Actividades y juegos de educación física en la naturaleza.* Madrid: Ed. Gymnos.

Ruiz, P.J. (2010). *El medio natural como recurso didáctico en el ámbito educativo*. Granada: Ada Book.

Saez, F.J. (1999). *Descubrir, conocer y disfrutar la naturaleza a través del juego*. Murcia: Ed. Natursport.

Sanchez, J.E. (2005). *Actividades en el medio natural y educación física*. Sevilla: Wanceulen. Winter, S. (2000). *Escalada deportiva con niños y adolescentes*. Madrid: Ed. Desnivel

COMPLEMENTARY BIBLIOGRAPHY:

Aguado, A.M. (2001). Actividades físicas en el medio natural en la educación física escolar.

Palencia: Patronato Municipal de Deportes del Ayto. de Palencia.

A.A.V.V. (1999). Juegos de escalada. Barcelona: Ed. Inde.

Aspas, J. M. (2000). Los deportes de aventura. Consideraciones jurídicas sobre el turismo





activo. Prames: Zaragoza.

Blázquez, F y Hernando, C. (2012). *La Carrera de Orientación en el colegio*. Colecció Educació, UJI (Castellón).

Biosca, C. (2000). *Deporte y aventura: Orientación*. Madrid: Edimat Libros. Boekholt, A. (1978). *Manos libres.* Barcelona: Ed. Centurión.

Boné, A. (1989). *Educación Física y Entorno Natural.* Apunts: Educación Física y Deportes, 18,18-21.

Camps, A., Carretero, J. L. & Perich, M. J. (1995). *Aspectos normativos que inciden en las actividades físico-deportivas en la naturaleza.* Apunts: Educación Física y Deportes, 41, 44-52.

Capdevila, L. y Aguilera, M. (2001). *Raids: la aventura del deporte.* Madrid: Ed. Desnivel. Colorado, J. (2001). *Montañismo y trekking.* Madrid: Ed. Desnivel.

Comité de senderismo FEDME (2002). *Guía de senderos del estado español 2002-2003.* Zaragoza: Ed. Prames.

Costa, P.J.; Jiménez, L. (1997). *Orientación en la naturaleza. Manual básico de iniciación.* Murcia: ASEEF.

CSD. (2003). Estudios sobre el deporte y el medio ambiente. Madrid:CSD. Domingo, J. (1996). *Guía maestra de mountain bike*. Madrid: Ed. Tutor

EEAM (2001). *Texto oficial del certificado de iniciación al montañismo*. Zaragoza: Barrabes Ed. Elziere, C. (1999). *Caminar por la montaña*. Madrid: Ed. Desnivel.

Fasulo, D.J. (1998). *Autorescate*. Madrid: Ed. Desnivel. Jacobson, C. (2002). *Acampada*. Madrid: Ed. Tutor.

Jacobson, C. (2002). *Mapa y brújula*. Madrid: Ed. Tutor. Jacobson, C. (2002). *Nudos fundamentales*. Madrid: Ed. Tutor López, R. (1999). *Senderisme*. Tarragona: Arola Ed.

Luján, I. y Núñez, T. (1997). *Cómo escalar vías de varios largos*. Madrid: Ed. Desnivel. McNeill, C.; Cory-Wright, J.; Renfrew, T. (2006). Carreras de orientación. Guía de aprendizaje. Badalona: Paidotribo

Minguez, A. (2008). *El entrenamiento del corredor de orientación*. Madrid: Ed. CSD Pinos, M. (1997). *Guía práctica de iniciación a los deportes en la naturaleza*. Madrid: Ed.Gymnos.





Ponce de León, A. (2000). Escalada, piragüismo y esquí. Madrid: Ed. CSS.

Querol, S. y Marco, J.M. (1998). *Créditos variables de actividades en la naturaleza.* Barcelona: Ed. Paidotribo.

S.A. (2000). El laboratorio de la naturaleza (CD-Rom). Madrid: Tibidabo.

Santos, M. L. y Martínez, L. F. (2002). *La Educación Física y las actividades en el medio natural.* Consideraciones para un tratamiento educativo. Lecturas: Educación Física y Deportes, 49, 41-54

Sicilia, A. (1999). *Las actividades físicas en la naturaleza en las sociedades occidentales de finales de siglo.* Lecturas: Educación Física y Deportes, 14

Soler, J.; Ferrer, M. y cols. (1998). La montaña, métodos de orientación. Barcelona: Ed. Alpina.

Villalvilla, H. et al. (2001). *Deporte y naturaleza*. El impacto de las actividades deportivas y de ocio en el medio natural. Madrid: Talasa.

Zorrilla, J.J. (2000). Enciclopedia de la montaña. Madrid: Ed. Desnivel.

WEB LINKS:

http://www.femecv.com

http://www.fedme.es

http://www.fedocv.org

http://www.fedo.org

http://www.revistatrail.com

http://www.sportraining.es

http://www.altorendimiento.com

http://www.cienciaydeporte.net

http://revistaeducacionfisica.com/





http://www.barrabes.com/actualidad/actualidad.asp

Programa de Televisión Temps d'Aventura de Canal 33: http://www.ccma.cat/tv3/temps-aventura/

Programa de Televisión Evasión de RTVE: http://www.rtve.es/alacarta/videos/evasion/

Revista Alternativa de montaña: http://www.betijuelo.net/

http://orienteering.org/wp-content/uploads/2010/12/Silva_BOOK_Ages-6-12_English_web.pdf

http://orienteering.org/wp-content/uploads/2010/12/Silva_BOOK_Ages13-15_English_web.pdf

http://orienteering.org/wpcontent/uploads/2010/12/Orienteering_in_simple_English_emit_web.pdf

MAGAZINES:

Ágora

Aire Libre

Apunts de Educación Física.

Barrabés Cuadernos Técnicos

Motricidad.

Desnivel

Grandes Espacios. Turismo Activo

Tandem