



Information about the subject

Degree: Official Master's Degree in Municipal Sports Management

Faculty: Faculty of Physical Activity and Sport Sciences

Code: 1770017 **Name:** -

Credits: 6,00 **ECTS Year:** 1 **Semester:** 2

Module: Innovation and technology in municipal sports management.

Subject Matter: Innovation and technology in municipal sports management. **Type:** Compulsory

Department: Physical Activity and Sport Sciences

Type of learning: Blended

Languages in which it is taught:

Lecturer/-s:

GESMUNI Victor Sánchez Sanz (**Responsible Lecturer**)

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Module organization

Innovation and technology in municipal sports management.

Subject Matter	ECTS	Subject	ECTS	Year/semester
Innovation and technology in municipal sports management.	6,00	-	6,00	1/2

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 R.1. Obtain a current and future vision about the new needs and trends that are perceived in sport in the municipalities through the policies developed.
- R2 R.2. Awareness about the importance of the deontological work of the professionals who work in the municipal sports services in values, sports ethics.
- R3 R.3. Know the possibilities that the natural environment offers for the development of sports leisure activities, with incidence in rural populations and knowing how to assess the impacts that they may have on it.
- R4 R.4. Learn the possibilities that new technologies offer to the development of municipal sports.
- R5 R.5. Understand the importance of sports research as a basic element of progress in the management of municipal sports; as well as the permanent updating of knowledge.
- R6 R.6. Understand the importance of incorporating women into the sports system, whether as a practitioner, professional, and spectator.



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):

BASIC		Weighting			
		1	2	3	4
CB6	Possess and understand knowledge that provides a basis or opportunity to be original in the development and / or application of ideas, often in a research context.		X		
CB7	That students know how to apply the knowledge acquired and their ability to solve problems in environments new or little known within broader (or multidisciplinary) contexts related to their area of study.			X	
CB8	That students are able to integrate knowledge and face the complexity of formulating judgments based on information that, being incomplete or limited, includes reflections on the social and ethical responsibilities linked to the application of your knowledge and judgment.			X	
CB9	That students know how to communicate their conclusions and the knowledge and ultimate reasons that support them to audiences specialized and non-specialized in a clear and unambiguous way.			X	
CB10	That students possess the learning skills that allow them to continue studying in a way that will be largely self-directed or autonomous.			X	
GENERAL		Weighting			
		1	2	3	4
CG6	Understand the scientific literature in English and in other languages ??of significant presence in the scientific field through proper information management.	X			
CG7	Knowing how to apply information and communication technologies (ICT).		X		
CG8	Develop skills for solving problems through decision making.			X	
CG9	Transmit any related information properly both in writing and orally.			X	



CG10	Plan and organize any activity efficiently.				X
CG11	Develop interpersonal relationship skills and teamwork, both in international and national contexts and in interdisciplinary and non-interdisciplinary teams.		X		
CG12	Being able to carry out critical reasoning using the knowledge acquired.				X
CG16	Develop skills for creativity, initiative and entrepreneurship.				X
CG17	Develop leadership skills.		X		
CG18	Be able to apply theoretical knowledge in practice.				X
CG19	Use the internet properly as a means of communication and as a source of information.	X			
CG20	Transmit the knowledge acquired both to people specialized in the matter and to people not specialized in The subject in question .	X			
CG21	Understand the proposals of other specialists and communicate with them, both in their language and in a second language foreign.			X	
CG22	Know other cultures and customs and be able to adapt their activity to them.	X			
CG23	Be able to self-evaluate.	X			
CG24	Develop habits of excellence and quality in professional practice.			X	

SPECIFIC		Weighting			
		1	2	3	4
CE1	Have basic and specialized knowledge of the basic subjects related to Municipal Sports Management, so that the manager successfully manages the municipal sports services.			X	
CE2	Know how to apply the specific knowledge acquired in the theoretical sessions, in order to be able to solve problems that may arise in the Municipal Sports Services and detect opportunities in new environments within broader contexts, national and international.				X



- M2 Group dynamics and activities. (Resolution of problems and cases. Meaningful construction of knowledge through student interaction and activity).
- M3 Individual student work (Information search, text analysis and practical application to real cases, study individual).
- M5 Tutoring (Personalized and small group attention. Guidance carried out by a tutor in order to facilitate the work and monitor student practices).
- M6 Evaluation (Collection and presentation of works, sharing and reflection on their experiences. Carrying out tests, tests and exercises.)



IN-CLASS LEARNING ACTIVITIES

	LEARNING OUTCOMES	HOURS	ECTS
Theoretical class. M1	R1, R2, R3	12,50	0,50
Practical class / seminar. M2, M3	R1, R2, R3, R4, R5, R6	10,00	0,40
Tutorships. M5	R1, R3	5,00	0,20
Evaluation. M6	R1, R2, R3, R4, R5, R6	2,50	0,10
TOTAL		30,00	1,20

LEARNING ACTIVITIES OF AUTONOMOUS WORK

	LEARNING OUTCOMES	HOURS	ECTS
Team work. M2, M3	R1, R2, R3, R4, R5, R6	45,00	1,80
Autonomous work. M3	R1, R2, R3, R4, R5, R6	75,00	3,00
TOTAL		120,00	4,80



Description of the contents

Description of the necessary contents to acquire the learning outcomes.

Theoretical contents:

Content block	Contents
INNOVATION AND TECHNOLOGY IN THE MUNICIPAL SPORTS MANAGEMENT	1.1: Research design in sports management 1.2: New models of municipal sports management and innovative strategies. 1.3: Sociological studies linked to sport: habits and sports needs in the population. 1.4: Tools and new technological applications for Sports Management. 1.5: Development of initiatives related to tourism.

Temporary organization of learning:

Block of content	Number of sessions	Hours
INNOVATION AND TECHNOLOGY IN THE MUNICIPAL SPORTS MANAGEMENT	15,00	30,00



References

- Alizo, M. A., Graterol, A., & Chávez, B. (2010). Gestión económica vinculada con la innovación y adquisición de tecnológica en los emprendimientos emergentes de negocio tipo PYME. *Economic Management Linked to Technology Innovation and Acquisition in Emerging Business Enterprises of the SME type. (English)*, 15(51), 462-482.
- Cairó, J. R. B., Salas, V. P., Lizarribar, S. E. P., & Auguets, D. L. C. (2010). *Alimentación y deporte: Tendencias actuales, tecnología, innovación y pedagogía*.
https://www.sochob.cl/pdf/libros/Libro_Alimentacion_Deporte.pdf
- Camerino Foguet, O. (2011). Las tecnologías de la información y la comunicación (TIC) en la formación de los graduados en Ciencias de la Actividad Física y el Deporte, el e-diario académico. *Apunts. Educació Física i Esports*, 2011, vol. 104, p. 28-36.
<https://repositori.udl.cat/handle/10459.1/65399>
- Campos-Rius, J., & Sebastiani Obrador, E. M. (2019). Metodologías innovadoras y Tecnologías del Aprendizaje y el Conocimiento (TAC) en la materia Didáctica de la Educación Física en el Grado de Ciencias de la Actividad Física y el Deporte de la FPCEE Blanquerna–Universidad Ramon Llull. *IN-RED 2019. V Congreso de Innovación Educativa y Docencia en Red*, 267-277.
<https://riunet.upv.es/handle/10251/128369>
- Fava, L. A., Vilches Antão, D. G., Díaz, F. J., Pagano, M., & Romero Dapozo, J. R. (2018). Tecnología aplicada al deporte de alto rendimiento. *XX Workshop de Investigadores en Ciencias de la Computación (WICC 2018, Universidad Nacional del Nordeste)*.
<http://sedici.unlp.edu.ar/handle/10915/68039>
- Fava, L. A., Vilches Antão, D. G., Ferraresso, A., Boccari, E., & Díaz, F. J. (2020). Inteligencia y tecnologías aplicadas al deporte de alto rendimiento. *XXII Workshop de Investigadores en Ciencias de la Computación (WICC 2020, El Calafate, Santa Cruz)*.
<http://sedici.unlp.edu.ar/handle/10915/104242>
- Fuentes, W. R. C., Ries, F., & Rodríguez, M. C. (2020). Estilos de aprendizaje y ambiente de aula: Situaciones que anteceden a la innovación pedagógica en estudiantes de deporte. *Retos: nuevas tendencias en educación física, deporte y recreación*, 38, 213-221.
- García, J., & Sañudo, B. (2011). *Dirección e innovación en la industria del fitness* (1a ed). Wanceulen.
- León Vanegas, J. L., Sánchez Oms, A. B., Pérez García, W., González Reyes, E. de la C., & Noriega Gómez, J. C. (2022). Consideraciones de la aplicación de una metodología para evaluar el sistema de ciencia e innovación en el deporte. *Conrado*, 18(87), 272-287.
- Morcillo, P. (1997). *Dirección estratégica de la tecnología e innovación [Texto impreso]: Un enfoque de competencias*. Civitas.
- Piñeiro, R. S. (2015). Contribución de la innovación deportiva al crecimiento económico europeo. *SPORT TK-Revista EuroAmericana de Ciencias del Deporte*, 4(2), 25-32.
- Porter, M. E. (Ed.). (2009). *Técnicas para el análisis de la empresa y sus competidores*. Pirámide.



- Ries, E. (2013). *El método Lean Startup: Cómo crear empresas de éxito utilizando la innovación continua* (J. S. Julián, Trad.).
- Rodríguez-Marrero, B. (2013). La gestión de la innovación como instrumento para la competitividad en las organizaciones deportivas. *PODIUM-Revista de Ciencia y Tecnología en la Cultura Física*, 8(1), 116-125.
- Serrano Tamayo, M. A., Corona Miranda, V. M., & Lahera Martínez, F. (2020). Impacto del modelo constructivista para gestionar la innovación universitaria en el deporte. *Podium. Revista de Ciencia y Tecnología en la Cultura Física*, 15(2), 184-201.
- Subdirección General de Estadística y Estudios de la Secretaría General Técnica del Ministerio de Educación, Cultura y Deporte. (2015). *Anuario de Estadísticas Deportivas 2015*. Ministerio de Educación, Cultura y Deporte.
http://www.mecd.gob.es/servicios-al-ciudadano-mecd/dms/mecd/servicios-al-ciudadano-mecd/estadisticas/deporte/anuario-deporte/Anuario_de_Estadisticas_Deportivas_2015.pdf
- Vento Montiller, O., Ilisástigui Avilés, M., & Losada Robaina, M. (2022). Diagnóstico del Sistema de Ciencia, Innovación, Tecnología y Medio Ambiente de Cultura Física y Deporte. *Podium. Revista de Ciencia y Tecnología en la Cultura Física*, 17(3), 1094-1108.