

**COURSE DATA****Data Subject**

<b>Code</b>	42393
<b>Name</b>	Applied research II
<b>Cycle</b>	Master's degree
<b>ECTS Credits</b>	12.0
<b>Academic year</b>	2019 - 2020

**Study (s)**

<b>Degree</b>	<b>Center</b>	<b>Acad. year</b>	<b>Period</b>
2178 - M.D. in Res. and Interv. in Physical Act. and Sport Sciences	Faculty of Physical Education and Sport Sciences	1	Annual

**Subject-matter**

<b>Degree</b>	<b>Subject-matter</b>	<b>Character</b>
2178 - M.D. in Res. and Interv. in Physical Act. and Sport Sciences	5 - Applied research 2	Obligatory

**Coordination**

<b>Name</b>	<b>Department</b>
MUNDINA GOMEZ, JOSE JAVIER	122 - Physical and Sports Education

**SUMMARY**

The purpose of this module is to provide the necessary knowledge in sport management and teaching physical activity and sport. It also aims to deepen the student's prior knowledge in physical activity, sport and recreation in different social groups and settings applied to complete their training. This is expected to address the necessary knowledge to deal with research in Physical Activity and Sport Sciences from the point of view of management and teaching of physical activities and sports.



## PREVIOUS KNOWLEDGE

### Relationship to other subjects of the same degree

There are no specified enrollment restrictions with other subjects of the curriculum.

### Other requirements

It is not necessary previous knowledge

## OUTCOMES

### 2178 - M.D. in Res. and Interv. in Physical Act. and Sport Sciences

- Know how to communicate conclusions and the knowledge and rationale underpinning these, to specialist and non-specialist audiences, clearly and unambiguously.
- Students should demonstrate self-directed learning skills for continued academic growth.
- Students should possess and understand foundational knowledge that enables original thinking and research in the field.
- To be able to integrate knowledge and make complex judgments based on information that remains incomplete or limited, but include social and ethical responsibility reflections linked to the application of their knowledge and judgments, from a gender perspective.
- To understand and analyze the research being done in the context of exercise and health, physical education and sport, and sports performance and management of physical activity and sport.
- To apply knowledge and be able to solve problems in new or unfamiliar environments within broader (or multidisciplinary) contexts related Physical Activity and Sport Sciences.
- To adapt the design and methodology to the subject matter and research characteristics, as well as to interpret the results, discuss and develop clear and consistent conclusions.
- To identify new problems related to physical activity and sport that can be studied through applied research.
- To understand and analyze management techniques, strategic planning and management of the institutions and services of physical activity and sport.
- To understand and analyze research in sports management developed in different applied contexts.
- To know and analyze research on consumers attitudes and users of physical activity and sport services.
- Comprender y analizar la investigación educativa que se realiza con distintos grupos sociales y en distintos contextos de la actividad física y el deporte.
- To know the different research models and designs on teaching physical activity and sport.
- To understand and analyze research in teacher education and other professionals of sport and physical activity.



## LEARNING OUTCOMES

- To understand and analyse the techniques planning and strategic management of institutions and services of physical activity and sport.
- To understand and analyse the research in sports management carried out in different contexts.
- To know and analyze the research on the attitudes of consumers and users of services of physical activity and sport.
- To understand and analyse the educational research carried out with different social groups and different contexts of physical activity and sport.
- To know the different research models and designs in the teaching of physical activity and sport.
- To understand and analyse the research in teacher education and other professionals of the physical activity and sport.

## DESCRIPTION OF CONTENTS

### **1. Systems and structures, models and techniques of organization activities and sport events: practical application.**

- 1.1.-The systems and structures in entities and sports organizations.
- 1.2.-Types of activities and sporting events
- 1.3.-Sports Event Planning
- 1.4.-Practical implementation of various models and techniques for organizing activities and sporting events

### **2. The research on the planning and management of facilities and sports equipment.**

- 2.1. Advances in planning, direction and management of sports facilities and equipment.
- 2.2. Advances in knowledge of maintenance and conservation of materials and sports equipment
- 2.3. The research on sports facilities

### **3. Analysis of the consumer in sports and the satisfaction with sports services.**

- 3.1. Users of sports services.
- 3.2. Analysis of sport consumer and sports services satisfaction

**4. Research models and designs in teaching of physical activity and sport.**

- 4.1. The fields of educational research and teaching in physical activity and sport: curriculum, professional training and education
- 4.2. Techno-effective, mediational and sociocultural research models.
- 4.3. Experimental and quasi-experimental research designs, survey studies, systematic observation, and correlational and case studies designs.

**5. Research in the education of teachers and other professionals of the physical activity and sport**

- 5.1. Research fields in the education of in physical activity and sport professionals
- 5.2. New challenges in professional education and research perspectives in physical activity and sport professional education

**6. Research on physical activity and sport with specific social groups (e.g. prisoners, immigrants, disabled and transgender).**

- 6.1. What special groups are?
- 6.2. Research on physical activity and sport in disabled, immigrants, prisoners, transgender people and other groups.

**WORKLOAD**

ACTIVITY	Hours	% To be attended
Theory classes	78,00	100
Development of individual work	78,00	0
Study and independent work	60,00	0
Preparation of practical classes and problem	22,00	0
Resolution of case studies	20,00	0
<b>TOTAL</b>	<b>258,00</b>	

**TEACHING METHODOLOGY**

The teaching methodology and students' tasks will depend of the type of activity to be done:

- Teachers lectures on different contents (theoretical lessons).
- Discussion in small and big group of students with and without intervention of the teachers.



- Individual mentorship and seminars for data bases search and search in other sources of information.
- Study (oneself and guided).
- Presentations.
- Mentorship meetings.

## EVALUATION

Module assessment will be developed by:

- Involvement in the activities during the classes and an individual written theoretical and practical task.
- An individual written exercise, after a seminar practice.

## REFERENCES

### Basic

- Beltrán, V.; Devís, J.; Peiró, C. y Brown, D. (2012) When physical activity participation promotes inactivity: Negative experiences of Spanish adolescents in Physical Education and sport. *Youth and Society*, 44 (1), 3-27. <http://yas.sagepub.com/content/44/1/3.full.pdf+html>
- Brizuela, G.; Sanz, S.; Aranda, R.; Martínez, I. (2010). Efecto del pedaleo de brazos sobre el sistema cardiorrespiratorio de las personas con tetraplejia. *Ricyde*. 21, 6: 297-310. <http://www.cafyd.com/REVISTA/02104.pdf>
- Brizuela, G.; Polo, M.; Llana, S. Pérez, P. (2009). Case study: Effect of handrim diameter on performance in a Paralympic wheelchair athlete. *Adapted Physical Activity Quarterly*. 26, 4: 352-363. <http://hk.humankinetics.com/eJournalMedia/pdfs/17460.pdf>
- Cochran-Smith, M., Zeichner, K., & Fries, K. (2006). Estudio sobre la formación del profesorado en los Estados Unidos: descripción del informe del comité de la American Educational Research Association (AERA) sobre investigación y formación del profesorado. *Revista de Educación*, 340, 87-116. [http://www.revistaeducacion.mec.es/re340/re340\\_04.pdf](http://www.revistaeducacion.mec.es/re340/re340_04.pdf)
- Devís, J. (1994) Introducción crítica a la investigación positivista en la enseñanza de la E. Física. En Barbero, J.I: (coord.) *II encuentro sobre sociología deportiva. Investigación alternativa en educación física*, Unisport, Junta de Andalucía, pp. 31-72. (Disponible en el aula virtual)
- Devís-Devís, J.; Martos-García, D. y Sparkes, A. (2010) Socialización y proceso de construcción de la identidad profesional del educador físico de una prisión. *Revista de Psicología del Deporte*, 19 (1), 73-88. <http://www.rpd-online.com/login?source=%2Farticle%2Fview%2F658%2Fdevisisparkes>
- Devís, J. y Sparkes, A. (2004) La crisis de identidad de un estudiante universitario de educación física: La reconstrucción de un estudio biográfico. En A. Sicilia y J-M. Fernández-Balboa (coords.) *La otra cara de la investigación. Reflexiones desde la educación física*, Wanceulen, Sevilla, pp. 83-108. (Disponible en el aula virtual)





- Ferrer, J.C.; Sánchez, P.; Pablos, C.; Albalat, R.; Elvira, L.; Sánchez, C. y Pablos, A. (en prensa) Beneficios de un programa ambulatorio de ejercicio físico en sujetos mayores con diabete mellitus tipo 2. Endocrinología y Nutrición. [http://www.elsevier.es/sites/default/files/elsevier/eop/S1575-0922\(11\)00221-X.pdf](http://www.elsevier.es/sites/default/files/elsevier/eop/S1575-0922(11)00221-X.pdf)
- González, LM.;Peiró, C.; Devís, J. Valencia, A; Pérez, E.; Pérez, S. y Querol, F. (2011) Comparison of physical activity and sedentary behaviors between young haemophilia A patients and healthy adolescents.Haemophilia, 17 (4), 676-682. <http://onlinelibrary.wiley.com/doi/10.1111/j.1365-2516.2010.02469.x/pdf>
- Aitchison, C.C. (2005) Feminist and gender research in sport and leisure management: Understanding the socialcultural nexus of genderpower relations. Journal of Sport Management, 19, 422-441.
- Andrew, D.; Pedersen, P. y McEvoy, C. (2011) Research methods and design in sport management. Human Kinetics, Champaign.
- De Bosscher, V.; De Knop, P.; van Bottenburg, M.; Shibli, S. y Bingham, J. (2009) Explaining international sporting success: An international comparison of elite sport systems and policies in six countries. Sport Management Review, 12 (3), 113-136.
- Edwards, A. y Skinner, J. (2009) Qualitative research in sport management. Elsevier, Amsterdam.
- Frisby, W. (2005) The good, the bad and the ugly: critical sport management research. Journal of Sport Management, 19, 1-12.
- Li, M.; Pitts, B.G. y Quarterman, J. (2008) Research methods in sport management. Fitness Information Technology, Morgantown.
- Morales, V.; Hernández-Mendo, A. y Blanco, A. (2009) Evaluación de la calidad en organizaciones deportivas: adaptación del modelo SERVQUAL. Revista de Psicología del Deporte, 18 (2), 17-150.
- Rienhart, R.E. (2005) Experiencing sport management: The use of personal narrative in sport management studies. Journal of Sport Management, 19, 497-522.

## **ADDENDUM COVID-19**

**This addendum will only be activated if the health situation requires so and with the prior agreement of the Governing Council**

**English version is not available**