



## Information about the subject

**Degree:** Master's Degree in Teacher Training for Secondary School, Baccalaureate, Vocational Training and Language Teaching (Specialty: Physical Education)

**Faculty:** Faculty of Teaching and Education Sciences

**Code:** PCA-27-F-01 Ed.00

**Name:** Innovation and research in Didactics of Physical Education and Sport

**Credits:** 6 ECTS

**Year:** 1

**Semester:** 2

**Module:** Specific physical education module

**Subject Matter:** Learning and teaching physical education

**Type:** Obligatory

**Department:** Department of Teaching and Learning of Physical Education, Music and Visual and Performing Arts

**Type of learning:** Classroom-based learning

**Language(s) in which it is taught:** spanish

### Lecturer/s

Rómulo Jacobo González García (**Responsible Lecturer**)

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## Module organization

### BASIC THEORETICAL TRAINING

Materia	ECTS	Asignatura	ECTS	Curso/semestre
Learning and teaching physical education	12	Didactics of physical education	6	1/1
		Innovation and research in Didactics of Physical Education and Sport.	6	1/2



## Recommended Knowledge

Not required

## Learning outcomes

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

Code	Learning outcomes
R1	The student is able to design research proposals in the context of Secondary Physical Education.
R2	The student is able to use different resources and tools for the organization of research information and documentation.
R3	The student is able to analyze and interpret the results of an investigation developed in Secondary Education.
R4	The student is able to develop innovative activities in Secondary Physical Education sessions.
R5	The student is able to communicate the results of an investigation orally and in writing.



## Competences

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

Code	General	Weighting			
		1	2	3	4
CG1	Know how to apply the acquired knowledge and problem-solving skills in new or unfamiliar environments within broader (or multidisciplinary) contexts related to their area of study.			X	
CG2	Be able to integrate knowledge and face the complexity of making judgments based on incomplete or limited information, including reflections on the social and ethical responsibilities linked to the application of their knowledge and judgments.				X
CG3	Possess the learning skills that will enable them to continue studying in a manner that will be largely self-directed or autonomous.				X
CG4	To plan, develop and evaluate the teaching and learning process, promoting educational processes that facilitate the acquisition of the competencies of the respective teachings, taking into account the level and previous training of the students as well as their orientation, both individually and in collaboration with other teachers and professionals of the center.				X
CG5	To know the processes of interaction and communication in the classroom, to master the social skills and abilities necessary to promote learning and coexistence in the classroom, and to deal with discipline and conflict resolution problems.				X
CG6	Know how to apply the acquired knowledge and problem-solving skills in new or unfamiliar environments within broader (or multidisciplinary) contexts related to their area of study.				X

Code	Basics	Weighting			
		1	2	3	4
CB1	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	
CB2	Students should be able to apply their acquired knowledge and problem-solving skills in new or unfamiliar environments within broader (or multidisciplinary) contexts related to their area of study.				X
CB3	Students are able to integrate knowledge and face the complexity of making judgments based on incomplete or limited information, including reflections on the social and ethical responsibilities related to the application of their knowledge and judgments.				X
CB4	That students possess the learning skills that will enable them to continue studying in a manner that will be largely self-directed or autonomous.				X

Código	Specifics	Weighting			
		1	2	3	4
CE1	To know the contexts and situations in which the different curricular contents are used or applied.				X
CE2	Acquire criteria for the selection and elaboration of educational materials.				X
CE3	Foster a climate that facilitates learning and values student contributions.			X	
CE4	To know evaluation strategies and techniques and to understand evaluation as an instrument for regulating and stimulating effort.				X
CE5	To know and apply innovative teaching proposals in the field of Physical Education.				X
CE6	Identify problems related to the teaching and learning of the subjects of the specialization and propose alternatives and solutions.			X	
CE7	Know and apply basic methodologies and techniques of educational research and evaluation and be able to design and develop research, innovation and evaluation projects.				X



Código	Transversals	Weighting			
		1	2	3	4
CT1	To develop theoretical and practical answers based on the sincere search for the full truth and the integration of all the dimensions of the human being in the face of the great questions of life.				X
CT2	Apply the principles derived from the concept of integral ecology in their proposals or actions, whatever the scope and area of knowledge and the contexts in which they are proposed.				X
CT3	Respect and put into practice the ethical principles and proposals for action derived from the objectives for sustainable development by transferring them to all academic and professional activities.				X

## Assessment system for the acquisition of competencies and grading system

Assessed learning outcomes	Granted percentage	Assessment method
R1, R2, R3, R4 y R5	10%	Active participation in sessions and class attendance
R1, R2, R4 y R5	30%	Development of tasks in the classroom (homework, exercises).
R1, R2, R4 y R5	60%	Theoretical-practical tests (objective test questions and solution of case studies)

**Mention of Distinction:** In accordance with the regulations governing the assessment and grading of subjects in force at UCV, the distinction of "Matrícula de Honor" (Honours with Distinction) may be awarded to students who have achieved a grade of 9.0 or higher. The number of "Matrículas de Honor" (Honours with Distinction) may not exceed five percent of the students enrolled in the group for the corresponding academic year, unless the number of enrolled students is fewer than 20, in which case a single "Matrícula de Honor" (Honours with 9 Distinction) may be awarded. Exceptionally, these distinctions may be assigned globally across different groups of the same subject. Nevertheless, the total number of distinctions awarded will be the same as if they were assigned by group, but they may be distributed among all students based on a common criterion, regardless of the group to which they belong.



## Learning activities

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

M1	Presentation of content by the teacher, analysis of competencies, explanation and demonstration of abilities, skills and knowledge in the classroom.
M2	Individual or group work sessions supervised by the teacher. Case studies, diagnostic analysis, problems, field study, computer classroom, data search, libraries, network, Internet, etc.
M3	Meaningful construction of knowledge through student interaction and activity.
M4	Personalized and small group attention. Period of instruction and/or orientation conducted by the tutor with the objective of reviewing and discussing the materials and topics presented in the classes.
M5	A set of oral and/or written tests used in the initial, formative or additive evaluation of the student.



IN-CLASS LEARNING ACTIVITIES			
Activity	Learning Outcomes	Methodology	ECTS
ON-SITE CLASS	R1, R2, R4 y R5	10	1,0
PRACTICAL CLASSES	R3	10	1,0
TUTORIAL	R3 y R4	2	0,2
EVALUATION	R1,R2,R3, R4 y R5	3	0,3
<b>Total</b>			2,5

LEARNING ACTIVITIES OF AUTONOMOUS WORK			
Activity	Learning Outcomes	Methodology	ECTS
GROUP WORK	R1,R2,R3, R4 y R5	20	2,0
WORK AUTONOMY	R1,R2,R3, R4 y R5	15	1,5
<b>Total</b>			3,5

## Description of the contents

Description of the necessary contents to acquire the learning outcomes:

CONTENT BLOCK	Contents
Block 1. Introduction, search and organization of information in Physical Education	Theme 1. Science and scientific research in Physical Education Theme 2. Databases and scientific documentation for Physical Education.
Block 2. Innovation and Research in Physical Education Didactics	Topic 3. Innovation and Research in Physical Education Theme 4. Basic statistics for research in Physical Education. Theme 5. Scientific communication, presentation of research and innovation.





## Temporary organization of learning

BLOCK OF CONTENT/DICACTIC UNIT	Number of sessions	Hours
Block 1. Introduction, search and organization of information in Physical Education	10	20
Block 2. Innovation and Research in Physical Education Didactics	20	40

## References

- González Arévalo, C. y Lleixà Arribas, T. (Coords.) (2010). *Educación Física. Investigación, innovación y buenas prácticas*. Barcelona: Graó.
- Hernández, R., Fernández, C. y Baptista, P. (2003). *Metodología de la Investigación*. México: McGraw-Hill.
- Morales, p. (1988). *Medición de actitudes en psicología y educación*. San Sebastián: Ttattalo.
- IBM (2012). Manual del usuario del sistema básico de IBM SPSS Statistics 21.
- VVAA (2007). *Educación física y nuevas tecnologías*. Revista Tándem nº 25.

