

Academic Year/course: 2022/23

## 63285 - Innovation and Classroom Research in Physical Education

### Syllabus Information

**Academic Year:** 2022/23

**Subject:** 63285 - Innovation and Classroom Research in Physical Education

**Faculty / School:** 202 - Facultad de Ciencias Humanas y de la Educación

**Degree:** 584 -

585 -

**ECTS:** 4.0

**Year:** 585 - : 1

584 - :

**Semester:** Second semester

**Subject Type:** Optional

**Module:**

## 1. General information

## 2. Learning goals

## 3. Assessment (1st and 2nd call)

## 4. Methodology, learning tasks, syllabus and resources

### 4.1. Methodological overview

The learning process that has been designed for this subject is based on the following:

Due to the variety of contents that the subject presents, different methodological options will be used in the face-to-face sessions such as the teaching presentation and the debates generated from the material presented in class. An important part of the subject will refer to the autonomous work of the students where they will have to carry out complementary readings of scientific documentation that will be provided by the teachers and reflection activities derived from the learning activities that are developed in the face-to-face sessions. An aspect that becomes relevant will be the preparation of the evaluation / innovation / research work, which combines various efforts such as collaborative teamwork, the contextualization of a problem, the bibliographic search, etc. Finally, the tutoring work will ensure that all the objectives of the subject can be achieved at the end of it.

### 4.2. Learning tasks

The program offered to the student to help him achieve the expected results comprises the following activities ...

Activities or evidence: This proposal will be developed from an initial expository methodology that helps to place the student on the basic theoretical aspects to later raise concrete examples where the application of the different methods and research paradigms in physical education can be analyzed.

In addition, the student, as has already been stated and in a group, must first design and make an evaluation / innovation / research project on some of the topics related to physical education. Subsequently, and from the presentation, a debate and discussion will be generated on the proposals presented.

### 4.3. Syllabus

? Part 1: Educational innovation:

Thematic block 1: Professional innovation: a possibility or a need?

- 1.1. Innovation: terminological and conceptual approach.
- 1.2. Typology of educational innovations.
- 1.3. The innovative attitude as a way for professional development and permanent training.
- 1.4. Practical considerations about professional innovation.
- 1.5. Innovation through ICT.

Thematic block 2: Collaboration as a method in the innovation process.

- 2.1. Teamwork as a formula to carry out innovation.
- 2.2. Collaboration as the basis of the process.
- 2.3. Critical guidelines for the development of collaborative work.
- 2.4. The role of facilitator in collaborative work.

Thematic block 3: Calls and exemplifications of educational innovation in physical education.

- 3.1. Calls for educational innovation and structure for permanent teacher training.
- 3.2. Examples of innovation projects (I). Innovation through the development of curricular materials for different contents of PE in ESO.
- 3.3. Examples of innovation projects (II). Research at ESO on levels of physical activity.
- 3.4. Physical activity and gender as a research topic.
- 3.5. Examples of innovation projects (III): Program evaluation; Curricular organization by competences; Improvement of teaching intervention.

? Part 2: Research in physical education: Thematic block

Thematic block 4: Research in the field of physical activity.

- 4.1. Conceptual clarification: science, research, scientific method, research design.
- 4.2. Research paradigms in sports and physical activity sciences.
- 4.3. Investigate in Physical Education.
- 4.4. Research methods and designs in physical education.
- 4.5. Research in the field of human and social sciences.
- 4.6. The research methodology.
- 4.7. Scientific research process: data collection, data processing, research report preparation.
- 4.8. SPSS as a data processing tool.

#### **4.4. Course planning and calendar**

The 4 ECTS course has 40 contact hours and 60 non-contact hours.

Contact hours will be governed by the schedule and calendar established by the Quality Assurance Commission of the Master's Degree in Teaching and the Faculty of Human Sciences and Education.

#### **4.5. Bibliography and recommended resources**

<http://psfunizar10.unizar.es/br13/egAsignaturas.php?codigo=63285>