1. BASIC INFORMATION

Course	Sports Facilities and Spaces
Degree program	Bachelor's Degree in Exercise and Sport Sciences
School	Medicine, Health and Sports
Year	Third
ECTS	6 ECTS
Credit type	Compulsory
Language(s)	Spanish / English
Delivery mode	Campus-based mode / Virtual mode
Semester	S5-S6
Academic year	2025/2026
Coordinating professor	Mª Luisa Martín de San Pablo Sánchez de Rojas

2. PRESENTATION

As a subject area, it is directly linked to the field of sport management. However, the content is extremely useful for any profession in the field of exercise and sport.

As such, the aim of the subject area is for future Exercise and Sport Sciences graduates and Exercise and Sport Sciences to develop the knowledge and skills needed to play an active role in the planning and design of a sports facility and to analyse the functional requirements and building features of different sports spaces and their corresponding auxiliary spaces.

In short, this subject area is essential for any student looking to become an efficient professional in any of the fields in which the Bachelor's Degree in Exercise and Sport Sciences qualifies them to work.

3. COMPETENCIES AND LEARNING OUTCOMES

Core competencies (CB, by the acronym in Spanish):

- CB2 - Students can apply their knowledge to their work or vocation in a professional manner and possess the skills which are usually evident through the forming and defending of opinions and resolving problems within their study area.
- CB3 - Students have the ability to gather and interpret relevant data, usually within their study area, to form opinions which include reflecting on relevant social, scientific or ethical matters.
- CB4 - Students can communicate information, ideas, problems and solutions to both specialist and non-specialist audiences.

Cross – curricular competencies (CT, by the acronym in Spanish):

- CT12 - Critical reasoning: Ability to analyse an idea, occurrence or situation from different perspectives and adopt a personal viewpoint based on scientific rigour and objective reasoning, rather than intuition.

- CT04 – Ability to analyse and synthesise: be able to break down complex problems into manageable blocks; evaluate different alternatives and perspectives to find the ideal solution. Synthesising to reduce the complexity and better understand the situation and/or solve problems.

- CT05 - Ability to put knowledge into practice, using the skills acquired in the academic field in mock situations based faithfully on real life issues in the profession they are studying for.

- CT08 - Information management: Ability to seek, choose, analyse and integrate information from diverse sources.

Specific competencies (CE, by the acronym in Spanish):

- CE08 – Ability to design, plan, organise, implement and evaluate regular and/or one-off sport and recreation programmes, considering all factors that might affect these programmes in different professional, social and economic contexts.

- CE9 – Ability to select and know how to use the right material and sports equipment for each type of activity, identifying the technical characteristics of different sports spaces.

- Ability to participate in the effective leadership and/or management of both private and public organisations that provide any type of physical activity service (recreation, health, sport, education, etc.); identifying, defining and systematising the necessary processes to meet the organisation's objectives.

Learning outcomes (RA, by the acronym in Spanish):

- RA1 – To understand fundamental concepts related to sports equipment and facilities and their activity spaces.

- RA2 – To complete practical activities that develop the knowledge and skills needed to play an active role in the production and design of sports equipment.

- RA3 – To produce in-depth analysis and summaries based on searches of key literature about the historical evolution, current characteristics and future challenges of sports infrastructure in Spain.

- RA4 – To produce in-depth analysis and summaries based on searches of key literature about the main adaptations that can be made at a sports facility to make it accessible for people with reduced mobility.

- RA5 – To complete practical activities that analyse the functional requirements and building features of different sports spaces and their auxiliary spaces.

The following table shows how the skills developed in the course match up with the intended learning outcomes:

Competencies	Learning outcomes
CB2, CB4, CT5, CT8, CE9, CE10	**RA1**: To understand fundamental concepts related to sports equipment and facilities and their activity spaces.
CB2, CB4, CT5, CT8, CE9, CE10	**RA2**: To complete practical activities that develop the knowledge and skills needed to play an active role in the production and design of sports equipment.
CB4, CB5, CT4, CT5, CT8, CT12, CE9, CE10	**RA3**: To produce in-depth analysis and summaries based on searches of key literature about the historical evolution, current characteristics and future challenges of sports infrastructure in Spain.
CB4, CB5, CT4, CT5, CT8, CT12, CE9, CE10	**RA4**: To produce in-depth analysis and summaries based on searches of key literature about the main adaptations that can be made at a sports facility to make it accessible for people with reduced mobility.
CB2, CB5, CT5, CT8, CE9, CE10	**RA5**: To complete practical activities that analyse the functional requirements and building features of different sports spaces and their auxiliary spaces.

4. CONTENTS

This section lists the content of each of the topics in the learning units

- Basic terminology and classification of sports equipment.
- Sport and fitness parks in Spain. Historical, socio-economic and demographic aspects.
- Planning and design of sports facilities.
- Construction and functional features of different types of sports spaces.
- Construction and functional features of different types of auxiliary spaces.
- Variable factors in environmental comfort and energy-saving measures at sports facilities.

The content will be divided into the following learning units:

Unit 1 – Key terminology for sports equipment.

1.1. Basic terminology and classification of sports equipment.

1.2. Sport and fitness parks in Spain. Historical, socio-economic and demographic aspects.

Unit 2 – The planning and design of a sports facility.

2.1. Construction and functional features of different types of sports spaces.

2.2. Construction and functional features of different types of auxiliary spaces

2.3. Variable factors in environmental comfort and energy-saving measures at sports facilities.

Unit 3 – Functional features of different types of sports spaces.

3.1. Large and small rooms

3.2. Indoor and outdoor swimming pools

3.3. Large fields and small tracks

5. TEACHING-LEARNING METHODOLOGIES

The types of teaching-learning methods are as follows:

- Collaborative learning
- Problem-based learning

6. LEARNING ACTIVITIES

The types of learning activities, plus the amount of time spent on each activity, are as follows:

Campus-based mode:

Learning activity	Number of hours
Lectures	15
Asynchronous lectures	8
Debates and discussions	8
Oral presentations	5
Reports and written work	21
Case studies/workshop activities	30
Tutorials	8
Independent working	40
Case studies	15
TOTAL	**150h**

Virtual mode:

Learning activity	Number of hours
Reports and written work	21
Oral presentation of work via online seminars	5
Debates and discussions through online seminars	8
Online tutorials	8
Independent working	40
Synchronous online lectures	15
Asynchronous lectures	8
Case studies	15
Case studies/workshop activities	30
TOTAL	**150h**

7. ASSESSMENT

Listed below are the assessment systems used and the weight each one carries towards the final course grade:

Campus-based mode:

Assessment system	Weighting
On-campus knowledge tests	60%
Oral presentations	10%
Assessment of reports and written work	30%

Virtual mode:

Assessment system	Weighting
On-campus knowledge tests	60%
Oral presentations	10%
Assessment of reports and written work	30%

When you access the course on the Campus Virtual, you'll find a description of the assessment activities you must complete, as well as the delivery deadline and assessment procedure for each one.

7.1. First exam period

To pass the subject area in the ordinary exam period you must obtain a grade higher than or equal to 5.0 out of 10.0 in the final grade (weighted average) for the subject area.

In any case, you will need to obtain a grade of 5.0 or higher on the final exam in order for it to be averaged with the rest of the activities. A weighted average grade of 5 will be required for them to be considered passed (each activity must be submitted and a grade of 5.0 must be obtained in order to be averaged; activities that are not submitted will be graded as 0).

Students must pass both parts of the assessment process (minimum grade of 5 in each part) to be awarded a final grade (100%).

To be eligible for **continuous assessment**, which includes classes on campus using active learning methods, projects, written tests, practical exercises, presentations, etc., students must attend at least **70% of the on-campus sessions**. Absences will only be justified in the event of force majeure.

7.2. Second exam period

To pass the subject area in the extraordinary exam period you must obtain a grade higher than or equal to 5.0 out of 10.0 in the final grade (weighted average) for the subject area.

In any case, it is necessary that you obtain a grade higher than or equal to 5.0 in the final exam, so that it can be averaged with the rest of the tasks.

Activities that were not passed in the regular exam period must be resubmitted, and a minimum grade of 5.0 must be obtained in each of them in order to be eligible to take the extraordinary exam, after receiving the corresponding corrections from the teacher, or those that were not submitted. In addition, it will be essential to obtain a grade equal to or greater than 5.0 on the written theory exam.

8. SCHEDULE

This table shows the delivery deadline for each assessable activity in the course:

Assessable tasks	Date
Activity 1. Analysis and classification of sports facilities	Week 2
Activity 2. Analysis of the dimensions and features of sports spaces	Week 7
Activity 3. Individual knowledge test	Week 9
Activity 4. Calculating the dimensions of communal changing rooms	Week 11
Activity 5. Management of swimming facilities. Maintenance faults	Week 13
Activity 6. Sports stadium analysis	Week 15
Activity 7. Individual knowledge test	Week 18

This schedule may be subject to changes for logistical reasons relating to the activities. The student will be notified of any change as and when appropriate.

9. BIBLIOGRAPHY

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10. EDUCATIONAL GUIDANCE, DIVERSITY AND INCLUSION UNIT

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1. Accompaniment and follow-up by means of counselling and personalized plans for students who need to improve their academic performance.
2. In terms of attention to diversity, non-significant curricular adjustments are made in terms of methodology and assessment for those students with specific educational needs, pursuing an equal opportunities for all students.
3. We offer students different extracurricular resources to develop different competences that will encourage their personal and professional development.
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Thank you very much for your participation.