

Syllabus

Module 1. History and evolution of sports analytics

Module 2. Real Problem-Based Learning (PBL) in the sports analytics phenomenon (I)

Module 3. Problem-Based Learning (PBL) in the sports analytics phenomenon (II)

Module 4. Problem-Based Learning (PBL) in the sports analytics phenomenon (III)

Objectives

Setting objectives will allow you to have a better idea of what you intend to achieve by the end of this course's teaching and learning process. But the purpose is even more specific: we indicate what you must achieve, so that this knowledge contributes your training goals.

In order to achieve these objectives, you must complete the entire process laid out in the different stages of the course.

If you work through the course material as indicated, you will be prepared to achieve the following objectives:

General objectives

- Providing the participant with a global vision regarding the understanding and importance of technology in sport.
- Understanding the use of technology in the different scenarios that are part of today's sport.

Skills

We expect you to develop the following skills throughout the course:

General skills

- Teamwork and collaboration: the ability to work with teammates to achieve shared goals and the synergy of a high-performance group.
- Capacity for analysis/reflection: the ability to methodically examine the various aspects of a particular context or situation and make an assessment.
- Creativity and innovative knowledge-based solutions: the ability to find alternative solutions to existing problems based on formal knowledge.

Specific skills

- Adopting theoretical knowledge for its practical application, regarding the use and understanding of technology in sport.
- Providing the participant with the possibility of making decisions according to the individual and collective sports' needs.
- Allowing the contribution of specific necessary skills and quality in the demand of this profile by professional clubs.