

COURSE IN

SPORTS PHYSIOTHERAPY AND ARTIFICIAL INTELLIGENCE

100% ONLINE

TRAIN YOUR DREAMS



Escuela Universitaria
Real Madrid
UNIVERSIDAD EUROPEA

COURSE IN

SPORTS PHYSIOTHERAPY AND ARTIFICIAL INTELLIGENCE

PREVENTION

- The latest evidence-based insights on injury prevention screening and injury risk profiling for athletes from multiple sports and for different injuries.

REHAB

- Return-to-Sports screening after an injury or after surgery.

CERTIFIED HYLYGHT EXPERT TRAINING

- Platform dedicated to injury prevention and screening and used in many top clubs, federations, physio practices and hospitals all over Europe.
- It will help you to know which functional tests are the ones that scientific evidence recognises as the best to determine, depending on the sport that is practiced and the region that is involved in that sport, the risk factors that can cause these injuries in that region of the body or in that sport



REAL MADRID GRADUATE SCHOOL

- Universidad Europea - Real Madrid Graduate School is the world's leading graduate school in sport that offers a unique academic model.
- More than 13,000 graduates have been trained at the school, most of whom carry out their professional activity in the Sports Industry, having clearly contributed to the professionalization of the Industry at a Global level.
- We have been promoting the professionalization and modernization of the sports sector for more than 15 years since university training.

1 What make us different



METHODOLOGY

Online didactics is the formation of the future and one of the best tools to learn. In this case, students will be able to access the course through the virtual campus whenever they want. All the material will be available from the beginning of the course and will have access for four months from that date to the virtual classroom to be able to carry out the course at your own pace.

The course consists of 4 teaching units with theoretical - practical and audiovisual content.



STUDENT PROFILE

- This online course is aimed at professionals in the sports sector who wish to specialise in Sports Physiotherapy and Artificial Intelligence.
- Professional as physiotherapist, coach, doctor or physical trainer, will be able to establish prevention programs and plan the recovery from a sports injury with the best scientific evidence.



TITLE

At the end of the course, the student will receive the Course in Sports Physiotherapy and Artificial Intelligence certificate issued by Universidad Europea de Madrid.



DURATION

10 weeks. 100 hours.

2 Study Plan

MODULE 1. SCREENING & RTS DECISION AFTER ACL INJURY

- Theoretical background of RTS screening.
- Introduction ACL return to sport screening.
- Practical testing ACL.

MODULE 2. SCREENING & RTS DECISION AFTER HAMSTRING INJURY

- Theoretical background of RTS screening.
- Introduction ACL return to sport screening.
- Practical testing ACL.

MODULE 3. INJURY RISK PROFILING: THE SHOULDER

- Theoretical background of injury risk profiling & pre-season screening.
- Introduction injury prevention screening for the shoulder.
- Practical testing: shoulder injury prevention.

MODULE 4. INJURY RISK PROFILING: LOW BACK

- Introduction injury prevention screening for the low back.
- Practical testing low back pain prevention.
- Injury risk profiling & pre-season screening in the Hylyght tool for Experts.

A photograph of Emilio Butragueño, General Manager of Real Madrid, speaking at a podium. He is wearing a dark suit, a white shirt, and a patterned tie. The podium has the Real Madrid logo and the 'ue' logo. In the background, a banner reads 'EMERSON' and 'CEREMONY'. A large blue diagonal graphic is overlaid on the left side of the image.

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THE REAL MADRID GRADUATE SCHOOL - UNIVERSIDAD EUROPEA

We are proud to once again be pioneers and to share with society such an exciting project as a university program dedicated to training professionals who are experts with specific knowledge and skills in areas such as health, management, communication, and physical activity, all of which are linked to sports.

Emilio Butragueño
General Manager of the Real Madrid – Universidad
Europea International School

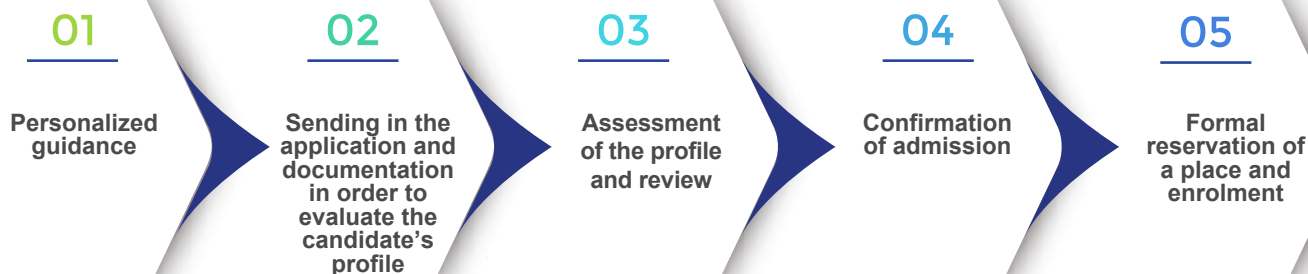
4 Admission Process

The admissions process for Real Madrid Graduate School- Universidad Europea programs runs throughout the whole year, although enrollment in all graduate programs depends on the availability of places.

For personalized guidance, you can go to either of our university campuses (**Alcobendas o Villaviciosa de Odón**), or contact us via phone: **(+34) 918 340 192** or e-mail: **ueonline@universidadeuropea.es** to receive advice from the Admissions staff.

Once candidates have received guidance and have provided the necessary documentation, the Admissions staff will send them a date for taking the entrance exams for the programs they are interested in, and for a personal interview with the Master's Program Director or a member of the Admissions Committee.

The admissions process does not involve any costs or commitment for candidates, until their place is formally reserved.





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