



# CUNEF Universidad

Artificial Intelligence Summer School 2025





## CUNEF Universidad

Ranked Best Private University  
in Spain **Forbes** by 2023.

At CUNEF Universidad, you will find an environment that supports and encourages learning and professional development and is fully committed to enhancing your talent.

For 50 years, CUNEF has been guided by the specialization of its academic offerings; the excellence of its students, professors and researchers; and its international vocation. CUNEF Universidad will face the next 50 years guided by academic rigor to be a benchmark in teaching and research; by commitment, to become a driving force for research and innovation; by plurality, to integrate different points of view, promote transversality and collaboration in decision-making; and by equity, to guarantee equal opportunities through a system of scholarships and grants that will enable it to train professionals capable of transferring these values to their environment.





## Artificial Intelligence Summer School

### COURSE SCHEDULE:

**Start:** 30 June 2025

**End:** 18 July 2025

Mornings from 9:00 to 14:00 from Monday to Friday

9 CREDITS

### STUDENT PROFILE:

University students, teachers, researchers and professionals from any sector with an interest in the course topic. No prior knowledge is required.

### OBJECTIVES:

- Obtain a global vision of Artificial Intelligence as a widely used technology and discover the challenges and opportunities of its applications. Understand the new way of obtaining, managing and analysing data to generate knowledge and incorporate it into the development of novel intelligent systems.
- Reflect, analyse and open the mind to the change in society that we are experiencing to understand its impact on today's society and find new professions, challenges and opportunities.
- Learn to program simple algorithms in Python, to illustrate the foundation of the implementation of intelligent systems using machine learning techniques.
- Learn the fundamentals of Generative Artificial Intelligence and the different tools available and their applications in different areas of business.
- Learn applications of intelligent systems such as Natural Language Processing and other cutting-edge technologies.



### METHODOLOGY:

The summer course on artificial intelligence will employ a comprehensive methodology, combining lectures, debates, and hands-on programming sessions. Students will gain theoretical knowledge through expert-led lectures, engage in critical discussions during debates, and apply their learning in practical programming classes. This approach ensures a well-rounded understanding of AI concepts and their real-world applications. of intelligent systems such as Natural Language Processing and other cutting-edge technologies.





Madrid is a **vibrant city** with a rich cultural heritage and plenty of attractions to explore.



**Prado Museum:** One of the most renowned art museums in the world, housing an impressive collection of European art, including works by Velázquez, Goya, and El Greco.



**Gran Vía:** Madrid's main shopping street, lined with shops, theaters, and iconic buildings like the Metropolis Building and the Telefonica Building.



**Plaza Mayor:** A historic square dating back to the 17th century, known for its picturesque architecture, lively atmosphere, and street performers.



**Royal Palace of Madrid:** The official residence of the Spanish Royal Family, this stunning palace is a must-see for its grand architecture, opulent interiors and beautiful gardens.

And much more **to enjoy** this great city...





## Applications for Artificial Intelligence Summer School

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