ΠΑΝΕΠΙΣΤΗΜΙΟ ΚΡΗΤΗΣ
UNIVERSITY OF CRETE

TALOS Lab
talos-al4ssh.eu
University of Crete
TALOS

CENTER OF TRAINING AND LIFELONG LEARNING

Artificial Intelligence for Humanities and Social Sciences

A 400 HOURS
DISTANCE COURSE
IN ENGLISH

5 modules – 16 ECTS

20/09/2025–12/04/2026 📅

For students and graduates of Humanities and Social Sciences, scholars, researchers, and professionals who want to upgrade their digital skills

Teaching Modules

1 Introduction to AI, basic principles and concepts. Programming:

Introduction to Python for Humanists, Introduction to AI, Introduction to Ontology for Humanists

2 AI tools and applications in Humanities:

Introduction to Online Corpora and Tools, Web Scraping and Simple Tasks Using Python, Large Language Models (LLMs) and Their Applications

3 Research in the ancient world and cultural heritage through AI:

Text Encoding Standards in the Ancient World, Digital Ancient Geography, Ontologies for Cultural Heritage and the Ancient World

4 AI and education in humanities:

Uses of AI in Education and Digital Literacy, Educational Ontologies in Curricula

5 AI and Ethics:

Definition and Foundation of AI Ethics; Bias, Fairness, Discrimination, and Inclusivity in AI; Freedom, Authenticity, Privacy and Surveillance in AI; Accountability, Transparency, Explainability and the Future of Autonomous AI.

A 400 hours distance course | 5 modules – 16 ECTS

The programme aims to ensure:

- **Future-readiness** by preparing learners for careers in a rapidly changing, technology-driven environment.

- **Critical awareness of digital workflows and tools** by training learners to assess the implications of digital workflows and tools critically, ensuring their ethical and informed use.

- **AI literacy** by emphasizing the importance of analyzing, interpreting, and critically evaluating digital artifacts, fostering a deep understanding of AI systems, their limitations, and their societal impact.

- **SSH relevance in the AI-driven world** by ensuring the continued relevance of the social sciences and the humanities in 2030

Artificial Intelligence for Humanities and Social Sciences

Trainers:

Members from the Talos Project:
https://talos-ai4ssh.uoc.gr/

Under the guidance of the ERA-Chair Holder Dr. Christophe Roche,
Professor in Artificial Intelligence, University of Crete & University Savoie Mont Blanc, France (Emeritus)
http://christophe-roche.fr/

ENGLISH COURSE

Fees: 1000 euros
for the whole course (400 hours)

For more details and registrations please visit the website:
https://kedivim.uoc.gr/index.php/en/progra mmata-2/old-courses/374-artificial-intellig ence-for-humanities-and-social-sciences

Applications start at:
01/04/2025

For questions contact:
talosai@uoc.gr