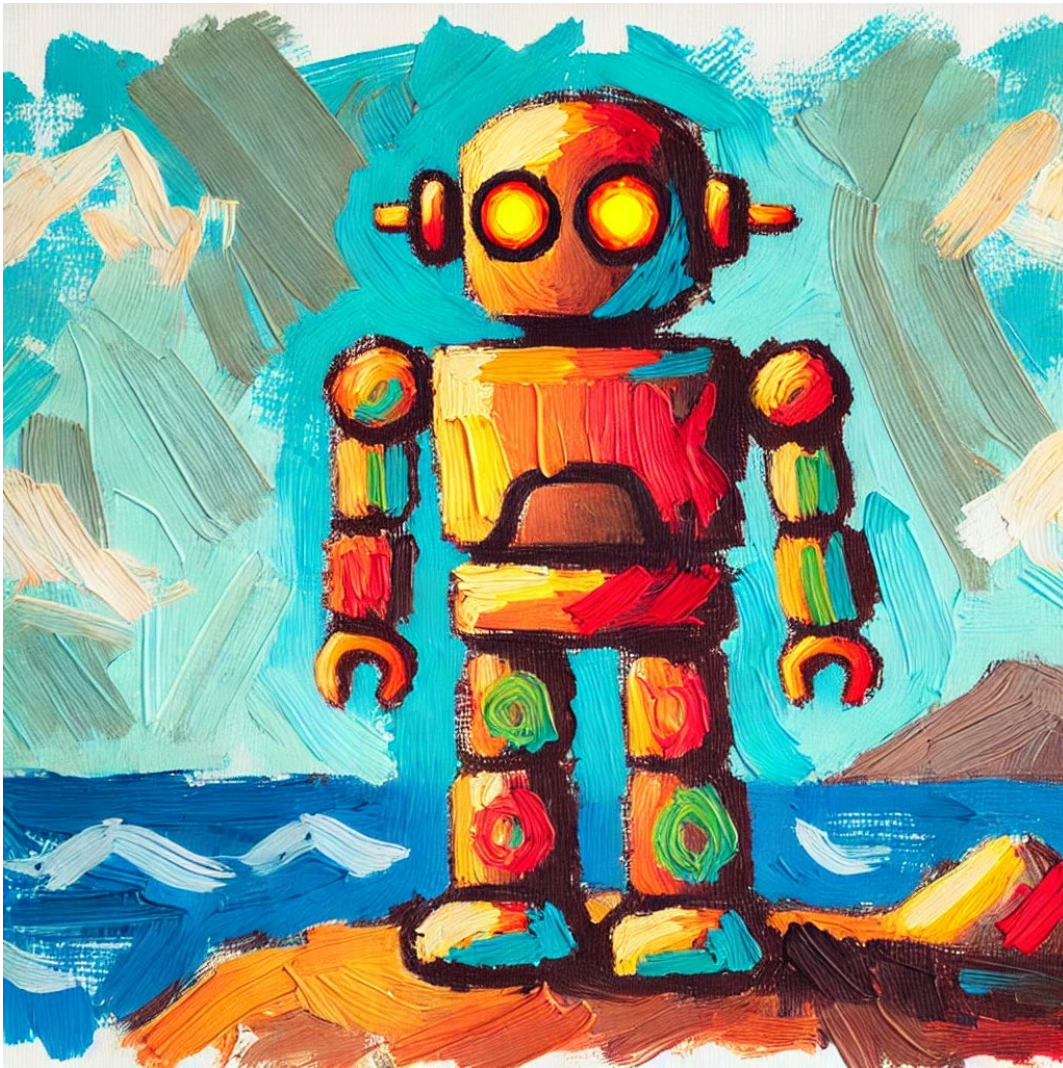


SHORT-TERM STUDY PROGRAMME IN DIGITAL HUMANITIES (DH)

STUDY GUIDE 2025-26



Με τη χρηματοδότηση
της Ευρωπαϊκής Ένωσης



ΠΑΝΕΠΙΣΤΗΜΙΟ ΚΡΗΤΗΣ
UNIVERSITY OF CRETE

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Subject - Purpose

The subject of the Short-Term Study Programme is to provide education in the continuously developing interdisciplinary field of Digital Humanities. The short-term study programme is implemented within the framework of the European programme "TALOS - Artificial Intelligence for Humanities and Social Sciences" (HORIZONWIDERA ERA CHAIRS-TALENTS-01, GA ID: 101087269). The TALOS programme is interdisciplinary, with the University of Crete as the Host Institution, and the Department of Philology as the Co-ordinating Department.

The Short-Term Study Programme offers combined knowledge and skills from two fields (Humanities/Social Sciences and Informatics). It aims, on the one hand, to enhance the digital skills of students from the Schools of Humanities and Social Sciences and, on the other hand, to introduce

students from Science and Technology fields to the methods and tools of Humanities. A key axis of the programme is also raising awareness on issues of technology ethics.

Learning Outcomes and Skills

Some of the learning outcomes of the short-term study programme are as follows:

1. **Critical Thinking:** Development of knowledge and critical thinking regarding the digital condition and the transformation of humanities that it brings about.
2. **Digital Literacy:** Development of skills for using digital tools, software, and technologies relevant to research and projects in Digital Humanities. Enhancement of critical thinking skills for analyzing, interpreting, and evaluating digital data and content.
3. **Research Methodologies:** Understanding and application of DH research methodologies, including text analysis, data visualization, and digital archiving.
4. **Data Management:** Learning how to collect, clean, organize, and manage digital data for research purposes.
5. **Interdisciplinary Skills:** Acquiring the ability to work in various scientific fields, combining humanities and computational methods to address complex research questions.
6. **Collaboration:** Development of collaboration skills for carrying out digital projects, which often involve teamwork.
7. **Communication:** Development of communication and dissemination skills for research findings and knowledge through various digital media, such as blogs, websites, or multimedia presentations.
8. **Technology Ethics Awareness:** Understanding the ethical implications of digital research, including issues related to privacy and data protection, intellectual property rights and digital representation, as well as various aspects of Artificial Intelligence.
9. **Research Project Experience:** Gaining experience in designing, developing, and completing digital research projects, which may include the creation of a digital archive, data visualization, or other project.

These knowledge and skills will enable graduates to work in institutions such as libraries, archives, etc., as well as in research programmes. Graduates will also be fully equipped to pursue a postgraduate programme in DH or other related field.

Study Committee and Academic Advisors

The study committee of the short-term study programme, by decision of the Assembly of the Department of Philology, consists of the following members of the Academic Staff of the Department of Philology:

- Alexandros Katsigiannis, Assistant Professor of Byzantine and Modern Greek Philology (member of the Study Committee)
- Maria Papadopoulou, Assistant Professor of Classical Studies (member of the Study Committee)
- Melina Tamiokaki, Professor of Ancient Greek Philology (Principal Investigator of TALOS programme and Chair of the Study Committee of DH)

By the same decision, the same members of the Academic Staff have been appointed as academic advisors of the short-term study programme.

Study Programme Qualifications

The programme awards the following qualifications:

- a) **Diploma in Digital Humanities - Level A** (for students who complete courses corresponding to 30 ECTS).
- b) **Diploma in Digital Humanities - Level B** (for students who complete courses corresponding to 60 ECTS).

Duration of Programme Operation

The programme operates at least until the academic year 2027-2028, with the possibility of extension.

Categories of Registered Students

The programme is open to all active undergraduate students of the Departments of the University of Crete, 3rd semester and above, as well as to Erasmus students, Greek and international, studying at the University of Crete.

Postgraduate students, PhD candidates, and graduates of the University of Crete can also follow the programme, but do not receive the qualification (DH Diploma). However, a certificate of attendance is issued for the courses they have attended, provided they have met the course requirements (attendance and/or exercises/assignments/exams), as defined by the instructors.

Each instructor sets the limit of registered students in lectures, depending on course requirements. In seminars, the number of registered students cannot exceed 30.

Offered Courses

1. The offered courses of the programme belong to three categories: lectures (5 ECTS), seminars (10 ECTS), and educational internship (5 ECTS).
 2. The short-term study programme includes the following courses:
 - a) 2 compulsory courses (1 introductory lecture and 1 seminar) for Digital Humanities and Artificial Intelligence, respectively. These courses are free electives for all students of the University of Crete.
 - b) Lectures/elective courses in specific thematic areas (e.g., introduction to digital classical philology, digital literary studies, etc.) (5 ECTS).
 - c) Thematic seminars, which provide in-depth study and practice in specific areas (e.g., modern Greek philology and digital technologies, classical philology and artificial intelligence, etc.) (10 ECTS).
 - d) Educational internship in Digital Humanities, which provides for student practice in the Interdisciplinary Laboratory titled "TALOS - ARTIFICIAL INTELLIGENCE FOR HUMANITIES AND SOCIAL SCIENCES (TALOS Lab)" (5 ECTS).
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Enrolment and Course Registration

The first 100 applicants who register through the TALOS website by completing the expression of interest form (<https://talos-ai4ssh.uoc.gr/training/short-programme-dh/form-expression-interest-short-program-diploma-dh>) will be accepted. If there are available places, registrations will be accepted at the beginning of each semester.

Students selected for the programme will appear in the student register enrolled in two study programmes: in the programme of their home department and in the Short Programme. Each semester, two separate course registrations must be made, one for the home department on dates determined by the department secretariats and one for the Short Programme on dates determined by the Short Programme secretariat. **ATTENTION:** The two registrations must not contain common courses. That is, Programme courses that may have been registered with the home department must not be registered simultaneously with the Programme.

Subsequently, the Recognition/Validation process will take place. Courses are registered as free electives or as integrated courses in the undergraduate study programme (specific information is available in the study guide of each department).

Website and Updates

All information about the DH programme is available on the TALOS programme website: <https://talos-ai4ssh.uoc.gr/training/short-programme-dh/>. The DH courses offered each semester will be announced on this website.

It is recommended that students regularly check this website.

It is recommended that students, in addition to registering DH courses in the student register, also complete the expression of interest form from the TALOS programme website and respond to

questionnaires that will be sent to them from time to time by the TALOS team regarding their studies in the short-term programme.

It is recommended that students carefully study the "Frequently Asked Questions" from the TALOS programme website and contact academic advisors if they have additional questions.

Student Obligations for Obtaining Qualifications

1. In order to receive the Level A Diploma, students must have successfully completed the 2 compulsory courses of the short programme (1 lecture and 1 seminar) and courses or seminars from the remaining offered or the educational internship in Digital Humanities, until completion of 30 ECTS.
2. In order to receive the Level B Diploma, students must have successfully completed the 2 compulsory courses of the short programme (1 lecture and 1 seminar) and courses or seminars from the remaining offered or the educational internship in Digital Humanities, until completion of 60 ECTS.

Prerequisites

For lectures, there are no prerequisites. For seminars, each instructor of the programme has the opportunity to define specific criteria and prerequisites, for all or for specific groups of students, which will be announced in advance.

Study Programme for 2025-26

Offered Courses:

Winter Semester 2025-2026

Code	Course Title	ECTS	Type
PSAEF 100	Introduction to Digital Humanities	5	COMPULSORY, LECTURE
NEFF396	Modern Greek Literature and Digital Technologies	10	ELECTIVE, SEMINAR
FS3.13	Philosophy of Artificial Intelligence & Creativity	10	ELECTIVE, SEMINAR

OIK3502	Statistical and Machine Learning with applications to economics I (Students should have knowledge of Statistics)	5	ELECTIVE, LECTURE
PSAEF152	Digital Medical Humanities: Narrative Medicine, Literature, and Artificial Intelligence	5	ELECTIVE, LECTURE
FP4.9	Reasoning, Cognition and Machines: from Aristotle to ChatGPT	5	ELECTIVE, LECTURE
SEM 406	Generative Artificial Intelligence in Preschool Education	10	ELECTIVE, SEMINAR
KPB338	Artificial Intelligence in Teaching: Designing Lessons with New Technologies	10	ELECTIVE, SEMINAR
PSAEF.PE	Educational Internship in Digital Humanities	5	ELECTIVE, LECTURE

Spring Semester 2025-2026

Code	Course Title	ECTS	Type
PSAEF302	Programming for the Humanities and Social Sciences	10	COMPULSORY, SEMINAR
PSMEP718	Digital transformation and digital policies	10	ELECTIVE, SEMINAR
ANAK282	Technology and Social Inequalities	5	ELECTIVE, LECTURE
AEFF410	Knowledge Modeling in Classical Studies	5	ELECTIVE, LECTURE
D06.01 (D01P35)	Artificial Intelligence and Education in Humanities	5	ELECTIVE, LECTURE
PSAEF.PE	Educational Internship in Digital Humanities	5	ELECTIVE, LECTURE

Educational Internship in DH

Students of the University of Crete who are enrolled in the short-term study programme may choose the Educational Internship in DH as an elective course of 5 ECTS from the third year of their basic studies in their Department of Origin, provided they have successfully completed courses of the short programme equivalent to at least 20 ECTS. The Educational Internship in DH is optional and is considered as an important opportunity to connect theoretical knowledge with empirical reality.

Subject:

The Educational Internship in DH provides for student practice in the Interdisciplinary Laboratory titled "TALOS - ARTIFICIAL INTELLIGENCE FOR HUMANITIES AND SOCIAL SCIENCES (TALOS Lab)", which serves educational and research needs in the fields of applications of artificial intelligence in humanities and social sciences, the consequences of artificial intelligence in science and society, and the ethics and philosophy of artificial intelligence.

Basic Objectives:

- Education of students in the TALOS Lab
- Development of new knowledge and acquisition of expertise, both at theoretical and experimental-applied level in Artificial Intelligence (AI) for humanities and social sciences
- Activation of student interest in AI through simple related action projects
- Correct and ethical use of AI
- Production of modern educational and research material in printed and electronic form, such as publication of articles, journals, books, and collective volumes
- Creation of creative videos and production of related blogs
- Creation/updating of the Laboratory's website
- Creation of databases

Typical Procedure

Requests for Educational Internship in DH are submitted during the week before the start of each semester, which are examined by the DH Programme Committee.

Results are announced on the DH programme website.

In case of acceptance of the request:

- A responsible mentor is appointed for the Educational Internship in DH for each student. The responsible person may be a member of the Academic Staff of the University of Crete or an external collaborator of the laboratory.
- A contract is signed between the Talos laboratory and the student for the project to be executed, the detailed schedule, the detailed educational subject, and the deliverables of the Educational Internship in DH.

Duration of Educational Internship in DH - Schedule:

The duration of the Educational Internship in DH is 13 weeks (1 semester) and is broken down as follows:

In the 1st week, a 2-hour training session precedes covering the proper use of the TALOS Lab and analysis of the educational subject by the responsible member of Academic Staff appointed for the student.

This is followed by Educational Internship in DH lasting 11 weeks, at 12 hours per week for the academic semester in question. The Educational Internship in DH can be conducted with physical presence in the Talos laboratory or remotely or in a hybrid manner.

During the 13th week, the Educational Internship in DH is completed with the writing of the report/thesis by the student and its submission to the responsible person.

Assessment of Educational Internship in DH:

The student completes an attendance register during the Educational Internship in DH, which is submitted at the end.

For the final assessment of the Educational Internship in DH, the student is asked to submit: a) the attendance register, b) the report/thesis, and c) a digital tool or what has been agreed as a deliverable at the beginning of the Educational Internship in DH. What is submitted is taken into account in the assessment, which can range from 0-10.0 with precision of 0.5 and with a passing grade of 5.0.

The titles and content of the courses to be taught are determined each academic year, by decision of the Assembly of the Department of Philology, following a proposal by the Study Committee of the short-term programme.

The responsibility for selecting the individual thematic directions, the method, any exercises, and in general the manner of organization and conduct of the Seminar lies exclusively with each instructor of the course.

Course Recognition

For the recognition of courses successfully attended by a student in their Department of Study, from the beginning of operation of the short-term study programme (academic year 2023-2024), the student submits a request to the programme secretariat, in which they list the proposed courses for recognition, attaching a certified copy of their detailed grade report from their department of study.

1. If the courses to be recognized are included in the Study Programme, recognition is automatic.
2. If the courses to be recognized are not included in the Study Programme, the Study Committee of the programme, if it finds them relevant to the subject of the Study Programme, credits the corresponding ECTS that are valid for the Study Programme to the student.

The number of courses to be recognized that are not included in the Study Programme cannot exceed one lecture (5 ECTS) for students meeting the criteria for Level A Diploma and two lectures or one seminar (10 ECTS) for students meeting the criteria for Level B Diploma.

Duration of Studies

In order for the study qualification of the short-term programme to be awarded, students must complete the programme during the course of their undergraduate studies and no later than upon receipt of their degree.

Students who wish to receive the qualification (DH Diploma) can structure their programme as they wish (e.g., choose all DH courses in one semester or spread them over 2 or more semesters). It is recommended to start with the compulsory introductory courses PSAEF100 and PSAEF300.

Organisation of Educational Process and Assessment Methods

Each course of the short-term programme lasts three hours weekly for thirteen weeks.

Teaching of programme courses takes place through physical presence or in a mixed manner (physical presence and simultaneous streaming). Each academic year there will be the possibility of one course to be offered remotely.

The method of assessment of courses is determined by each instructor and may include one method or a combination of assessment methods (examinations, written work/exercise, progress, quizzes, projects, etc.).

Teaching Language

The main teaching language of the programme is Greek. Courses can also be offered in English, if there are international instructors in the programme.

Rights and Obligations of Students

Students of the programme have the rights and corresponding obligations that arise from the current legislation, the Internal Regulations of the University of Crete, and the decisions of the competent university governing bodies.

Scholarships and Awards

The Study Programme awards excellence awards (1000 euros) to the top-performing students of the Level B Diploma, at the expense of the programme budget. The procedure established by the Special Account for Research Funds of the University of Crete is followed for the award of prizes.

Completion of Studies

Students who successfully complete the 2 compulsory courses of the programme PSAEF100 and PSAEF300, as well as the remaining courses leading to the award of Diploma A or B, submit a request for Diploma receipt to the email talosshortprog@uoc.gr (the template of the request will be posted on the TALOS programme website).

In the request, they list the DH programme courses in which they have successfully been examined, as well as their grades.

Subsequently, after the prescribed check is carried out, students will be informed of the award of the qualification and the date of the graduation ceremony.

Degree Award and Graduation Ceremony

Upon completion of the study cycle of the short-term study programme, the student is awarded:

- a) Certificate of completion of studies,
- b) Certified transcript of records, which will list the courses in which the student has successfully been examined, as well as the ECTS, and
- c) Diploma in Greek language.

The diploma is awarded at a graduation ceremony held on a specified date.