



UNIVERSIDAD DE CORDOBA

INSTITUTO DE ESTUDIOS DE POSGRADO

**MÁSTER UNIVERSITARIO EN
AVANCES EN CIENCIAS
GASTRONÓMICAS**

2024/25 YEAR



**DIGITAL TECHNOLOGIES FOR
RESEARCH IN HUMANITIES AND
SOCIAL SCIENCES (T)**

Course details

Course name: DIGITAL TECHNOLOGIES FOR RESEARCH IN HUMANITIES AND SOCIAL SCIENCES (T)

Code: 138015

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|-----------------------|--------------------------------------------------------------------------------------------------------------------------------------------|--------------|---|
| Degree/Master: | MÁSTER UNIVERSITARIO EN AVANCES EN CIENCIAS GASTRONÓMICAS | Year: | |
| | MÁSTER UNIVERSITARIO EN CINEMATOGRAFÍA | Year: | 1 |
| | MÁSTER UNIVERSITARIO EN SUPERVISIÓN, EVALUACIÓN Y DIRECCIÓN DE CENTROS Y PROGRAMAS EDUCATIVOS POR LA TRANSVERSALES MÁSTERES UNIVERSITARIOS | | |

ECTS Credits: 4.0

Classroom hours: 0

Face-to-face classroom percentage: 0.0%

Study hours: 100

Online platform: <https://moodle.uco.es/>

Coordinating teacher

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Brief description of the contents

This cross-curricular course addresses the demand for the commandment of the use of technologies for the research in Humanities in the 21st century. Technology is omnipresent in our society (now more than ever) as a transversal element and it has an impact on the proper knowledge and research on humanities. The syllabus of this course aims to help Master students of Humanities and Social Sciences to use technology with research purposes, being applicable to different subdisciplines: Languages, Literature, Art, Cinema, Music, and Education, among others.

The main objective of this programme is to offer an overview of the different fields of the digital humanities: the digital processing and editing of text and images and their application in areas such as literature and art, the use and design of databases for the humanities and social sciences, the knowledge of digital tools for the virtual construction of cultural projects and their development on the web, as well as tools for data processing and visualisation. All this will allow Master students to complement their Undergraduate training and open new perspectives both for academic research and for their future insertion in the labour market where the demand for technological training applied to the humanities is constantly growing.

Prerequisites

Prerequisites established in the study plan

None.

Recommendations

A level of B2 (CEFR) in English is recommended to do the course.

Study programme

1. Theory contents

1. Introduction to Digital Humanities

- 1.1. What is DH?
- 1.2. Brief historical overview

2. Digitalization of library holdings and collections

- 2.1. Digital representations of cultural and historical documents, artefacts and images
- 2.2. Accessing the special and rare collections
- 2.3. Textual marking, digital editing and publication resources
- 2.4. Case studies:
 - 2.4.1. The European Digital Library Foundation
 - 2.4.2. The Gutenberg Project
 - 2.4.3. World Library

3. Data analysis and statistics and visualizing (Knowmetrics)

- 3.1. Quantitative data analysis: statistics software in Humanities (R, SPSS and Jamovi)
- 3.2. Qualitative data analysis: Atlas.ti and Kwalitan
- 3.3. Linguistic corpora and corpus management
- 3.4. Visualizing knowledge (Poemage, TimeLineJS, Neatline, Genial.ly, X-mind, CmapTools, Wordle)

4. Accessibility to cultural heritage site

- 4.1. Virtual reality and augmented reality (museums, concerts, archaeological sites, architecture, geographic information systems)
- 4.2. Making culture accessible to disability groups: Universal Design for Learning (UDL)

5. Managing bibliographical information: search, storage and share of bibliographical resources

- 5.1. Mendeley and Endnote
- 5.2. Zotero and Citavi
- 5.3. Sharing academic knowledge and projects: Commons in a Box

6. Creativity

- 6.1. Creating cultural artefacts: music, cinema, arts
- 6.2. Managing your own ideas: Evernote, Onenote, Liquidtext, Trello, Google Calendar, Companion (Bullet Journaling), Design Thinking

2. Practical contents

The above list of units include both theoretical and practical contents.

Bibliography

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International Associations and Institutions:

- The Alliance of Digital Humanities Organizations (ADHO). <https://adho.org/>
- European Association for Digital Humanities (EADH). <https://eadh.org>

Methodology

Clarifications

This is an online course in which students are expected to work independently on Moodle. As a result, there will be no face-to-face tuition, either synchronous or asynchronous. Part-time students are encouraged to contact the course lecturers within the first two weeks to agree on the adaptation of this course to each particular case.

Face-to-face activities

Off-site activities

| Activity | Total |
|------------------------------------------------|------------|
| <i>Exercise and problem solving activities</i> | 30 |
| <i>Information processing activities</i> | 50 |
| <i>Information search activities</i> | 20 |
| Total hours | 100 |

Results of the training and learning process

Knowledge, competencies and skills

Assessment methods and instruments

| Tools | Percentage |
|-------------------------------------------------|------------|
| Group or individual globalizing projects | 40% |
| Means of practical execution | 30% |
| Students assignments | 30% |

Period of validity for partial qualifications:

Academic year 2024/2025

Clarifications:

1. 40%: Group or individual globalizing projects (portfolio).
2. 30%: Means of practical execution (practical activities uploaded onto Moodle).
3. 30%: Students' assignments (participation in Moodle forums).

The minimum score students need to obtain in each of these assessment tools is 5 out of 10 so that they can pass the course. This means that students will have to separately pass each assessment tool. Plagiarism and/or cheating during the performance of any of the assignments carried out during the course will entail instant failure. This also includes the use of any artificial intelligence tools. The professor reserves the right to conduct a personal interview with the students about any of the assignments carried out in the course to clarify originality or any other relevant aspect. Plagiarism constitutes a criminal action that will lead to legal and academic consequences for students according to regulations in the University of Córdoba regarding fraud, cheating and plagiarism, as recognized in the *Coexistence Regulations of the University of Córdoba* (BOUCO, February 24, 2023), particularly Art. 8, section g; Art. 9, section d; and Art. 11, section 6.

Sustainable development goals

Quality education

Other Faculty

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The methodological strategies and the evaluation system contemplated in this Teaching Guide will respond to the principles of equality and non-discrimination and must be adapted according to the needs presented by students with disabilities and special educational needs in the cases that are required. Students must be informed of the risks and measures that affect them, especially those that may have serious or very serious consequences (article 6 of the Safety, Health and Welfare Policy; BOUCO 23-02-23).
