

PHD PROGRAMME TABLE 38TH CYCLE

PROGRAMME'S NAME	CULTURAL HERITAGE IN THE DIGITAL ECOSYSTEM
DURATION	3 years
PROGRAMME START DATE	01/11/2022 (DD/MM/YYYY)
LANGUAGES	Italian, English
MANDATORY STAY ABROAD	3 months
COORDINATOR	Prof. Francesca Tomasi (francesca.tomasi@unibo.it)
CURRICULA	N/A
RESEARCH TOPICS	Detailed list at the bottom of the present document
PhD POSITIONS	4
ADMISSION PROCEDURE	Research proposal evaluation Oral examination

Available Positions and Scholarships

Pos. n.	Financial Support	Description	Positions linked to research topics
1	PhD Scholarship	Totally funded by the University of Bologna general budget	Restituzione digitale di oggetti e monumenti del patrimonio culturale attraverso tecniche di Virtual e Augmented Reality; progetti di musealizzazione virtuale e di Virtual Exhibition negli ambiti delle arti visuali e performative, dell'archeologia, dell'antropologia e delle collezioni librerie e documentarie; rappresentazione digitale di temi esemplari del patrimonio materiale e immateriale e dei modi della trasmissione della memoria culturale
2	PhD Scholarship	Funded by MUR under the "Departments of Excellence" initiative	Digital Humanities e in particolare sistemi di valorizzazione di dati relativi al patrimonio culturale nel circuito MAB (Musei, Archivi e Biblioteche)
3	PhD Scholarship	Co-funded by the University of Bologna general budget and the Department of Classical Philology and Italian Studies with funds made available by Centro Internazionale di Studi Umanistici "Umberto Eco"	Biblioteca Virtuale Umberto Eco
4	PhD Scholarship	Funded by the Department of Classical Philology and Italian Studies	Network Science and Artificial Intelligence to support Digital Libraries and other collections of bibliographic data

Admission Exams

	DATE AND TIME	RESULTS
Research proposal evaluation	Applicants' participation is not required	Available from 24/06/2022**
Oral examination	Date: starting from 25/07/2022 – 9.00 a.m. CEST* Place: In presence, Aula A - Department of Classical Philology and Italian Studies, Via Zamboni 32, Bologna. Remotely, using Microsoft Teams	Available from 29/07/2022**

* In case that the oral examination cannot be completed in one day due to the large number of applicants, the oral examination detailed schedule shall be made available on the webpage [Studenti Online](#) together with the results of the qualifications and research proposal evaluation. **During the oral examination, applicants may express their interest in one or more positions linked to specific research topics.**

** The **results of the admission exams** will be available on the webpage [Studenti Online](#) (select “summary of the requests in progress” > “see detail” and open the .pdf file at the bottom of the page). **No personal written communication will be sent to applicants concerning the examinations results.**

Required and Supporting Documents to be attached to the application

All the documents listed below **shall be drawn up in English or in Italian**. In case of documents originally issued in any other language (e.g. identity document, qualifications), an official English translation is required.

Only qualifications obtained **during the last 5 calendar years** shall be taken into consideration, except for the University Degree. The Admission Board will assess the relevance of the supporting documents to the PhD Programme.

REQUIRED DOCUMENTS	
Identity document	Valid identity document with photo (i.e. identity card, passport)
Curriculum Vitae	No specific CV format is required
Degrees	Documents attesting the awarding of the first and second cycle degrees, the exams taken and the marks obtained (see Art. 3 of the Call for Applications)
Research proposal	Multi-annual research proposal, with special emphasis on the activities to be completed during the first-year course. The proposal must meet the following requirements: <ul style="list-style-type: none"> - it must mention on the cover page the specific position/s linked to a research topic the applicant is interested to and the proposal is about; - it cannot exceed 20,000 characters, including spaces and formula possibly used. This figure does not include: the title of proposal, the outline, references and images (such as graphs, diagrams, tables, etc. - if present); - it must include: the state of the art; description of the proposal; expected results; articulation of the proposal and implementation times; references.
SUPPORTING DOCUMENTS	
Thesis abstract	Abstract of the second cycle degree thesis . Graduands applicants may submit the draft of the thesis. Abstracts cannot exceed 5,000 characters, including spaces and formula possibly used. The above figure does not include: the title of the thesis, the outline, references, and images such as graphs, diagrams, tables etc.
Publications	Lists of publications (i.e. monographs, articles on scientific journals), minor publications (conference papers, etc.), abstracts and posters presented during national and international conferences, etc.
Other documents	<ul style="list-style-type: none"> - Research activity of any kind - whether basic, applied, translational, etc. - carried out in any capacity, including when covered by research grants, and as a staff member of research projects - English proficiency certificates (e.g. IELTS, TOEFL, etc.)

Evaluation criteria*

Scores will be expressed in points out of 100, as follows.

1. Research proposal evaluation

Minimum score for admission to the oral examination: 30 points, Maximum score: 40 points

Scientific value and ground-breaking nature of the proposal	10 points max
Quality and measurability of the expected results	10 points max
General knowledge of the state of the art	10 points max
Proposal feasibility	10 points max

2. Oral examination

Minimum score for eligibility: 30 points, Maximum score 60 points

English language proficiency	5 points max (3 for the assessment carried out during the oral examination + 2 for submitted certificates)
Research proposal presentation	25 points max
Publications and previous research activity presentation	10 points max
General knowledge of issues encompassed by the PhD Programme	20 points max

Oral examination aims to assess the suitability of the applicant for scientific research as well as the general knowledge of issues encompassed by the PhD Programme (see the list of [research topics](#) at the bottom of the present document).

During the oral examination, the applicant's English language proficiency shall be assessed.

The oral examination is carried out in Italian or in English.

* Possible further evaluation criteria will be available on the [University website](#), selecting the relevant PhD Programme > "More information", at the bottom of the page in the section "Notices".

Research Topics

The course is focused on those topics related to the study of cultural heritage (as an environment made of objects, actions and technologies), in its broad and multifaceted meaning: texts and related material supports, historical and contemporary documents, artifacts and material objects, musical assets, productions related to all visual and performance arts, monuments, architecture and historical spaces, landscapes and immaterial resources, tangible and intangible. The core of the research is the enhancement of this heterogeneous heritage through new methodologies and digital technology, but the course also focuses on the notion of digital culture in a broad critical-epistemological perspective. The idea is then to reflect on cultural heritage - from antiquity to the contemporary -, innovating through computational and digital methods, in a context of transversality and trans-disciplinary knowledge.

Starting from the reasoning on the traditional scientific-disciplinary field within the humanities discipline as well as the IT discipline, it is possible to identify the following methodologies and technical application:

- Digital Humanities
- Digital Cultural Heritage
- Cultural Heritage Studies and Management
- Digital Museology
- Media Art
- Information Science
- Computational Thinking
- Open Science
- Scholarly Digital Editing
- Digital Libraries
- Citizen Science
- Critical Archaeology and Heritage
- Personal Digital Memories
- Digital Cultural Communication
- Transmedia Storytelling
- Virtual Environments
- Augmented Reality
- Gamification
- Virtual Reality
- Virtual Museums