

An International & interdisciplinary Master Study

What is Digital Humanities about?

DH is a new academic field in cooperation among Humanities and Computer Science.

„Humanities“ in DH comprises those humanities, which are occupied with the interpretation of human culture, history, social life and communication, i.e., among others, history, language studies, literatures, cultural sciences, social science, paleology, or philosophy.

The use of computers in humanities until now was only an intuitive technical support of paperwork by using computers for producing texts or collecting material.

However, computers can support scientific work in humanities to a much higher extent by systematic, sustainable and formal

- collection of material,
- modelling of humanities' information,
- formal annotation,
- wide comparison to parallel and heterogenous material,
- including multilinguality and translations,
- building time series,
- image processing for research tasks,
- computer visualisation, and
- international digital network cooperation.

Teaching languages: English, Romanian

Starting: Winter term 2017 -2018

In Cooperation with:

University of Hamburg
University of Pavia

Admission requirements

Bachelor in a humanities' subject
Basic IT-Skills (Text-packages, Web applications)

Digital Humanities as specialisation

The combination of a study in a „classical“ field in humanities and DH will combine humanistic aptitude to interpret open and heterogeneous information under specific relevance hypotheses with the experience of Computer Science in formal analysis and soft computing.

It will help to preserve Romanian cultural heritage and to make it accessible to larger groups:

- language on all time levels,
- history and contact regions
- architecture and comparisons
- literature
- philosophy, intellectual and spiritual life

Methods used by Digital Humanities:

Attachment of Meta-data and object annotation,
Extraction of semantic networks,
Diplomatic transcription and computer-based text editions,
Data mining,
Analysis of documents by means of computational linguistics tools.

Examples of existing projects:

- Multilingual information merging in mass media and historical texts,
- Media monitoring research,
- Political events reflected in media (Yalta conference),
- Text editions with digital environment for research support,
- Digital multi-media presentation of scientific results,
- Paleographic interpretation of historical documents or other artefacts,
- Interpreting cognitive effects of maps and merging with geo-data,
- Sustainable storage of technical media and public documents,
- 3D–Presentation of inaccessible endangered paintings or architecture,

Curriculum (selected topics):

Basic notions of CS for humanists:
encoding formats,
regular expressions,
introduction to programming.

Digital Humanities formats

TEI,
RDF,
OWL.

Statistics and probabilities for humanities' data,

Semantic annotation of objects,
meta-data
Mark-up languages,
text annotation,

(Semantic) data bases and web applications,

Automatic reasoning techniques for humanities' applications,

Image processing and visualisation:
automatic character recognition,
Visualisation of humanities' data.

International cooperation tools

Academic activities:

- Lectures,
- Seminars,
- hands-on-training,
- Master thesis.

Carreer prospects:

Multi-media writer,
University researcher,
Communal Archive administrator,
Industry archive manager, (Data curator)
Library official.

Contact:

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DIGITAL HUMANITIES

Prospective Master Study at the
University of Bucharest



Information Day November 15th 2016

10:00 – 12:00

Facultatea de Limbi și Literaturi Străine,
str. Pitar Moș 7-13
Sala: BOGDAN