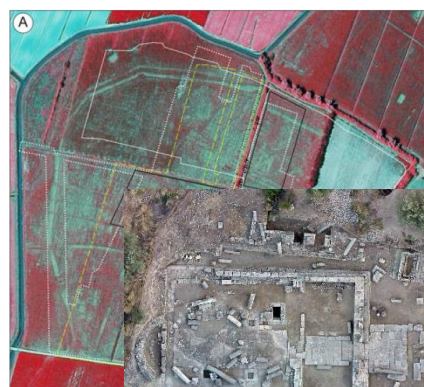


Master Degree: Archaeological Sciences

International Curriculum:

Applied sciences to cultural heritage materials and sites



Remote/large scale survey



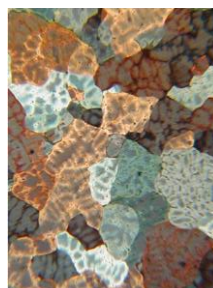
Field/site survey



Excavation



Architectural heritage



Materials
characterization



- Active from **Academic year 2021-2022**
- Starting **October 2021**
- Location: **Università di Padova**
- Duration: **2 years – 120 CFU**
- Language: **English**

The Master's degree acknowledges the recent scientific advances in the investigation of cultural heritage materials at different scales, from the site/landscape survey to diagnostics at the molecular and atomic levels, and the interpretation of derived information. Based on truly interdisciplinary collaborations, the programme offers the theoretical background and the necessary practical knowledge towards the application of scientific methods to archaeological and cultural heritage materials.

The course wishes to emphasize the role of materials in human history and prehistory, showing how innovative and state-of-the-art archaeometric techniques and methods may efficiently extract tangible and intangible information from cultural heritage materials. Furthermore the obtained scientific information must be interpreted in the context of the physical chemistry properties of the material itself, the production process, the socio-economic framework, the conservation process, and finally properly inserted into the historical / social / anthropological / artistic timeline. The cultural heritage materials must be understood as having a past, a present, and a future life, always connected with the ever shifting values of human cultures.

Structure of the course

The programme structure and the focus on materials are very different from existing programmes in Italy and in most EU countries. Selected students may also have the possibility to achieve a double degree with the University of Haifa (**Maritime Archaeological Heritage**) and with the University of Bordeaux Montaigne (**Archaeological Sciences**). Students enrolling in Padova in academic year 2021/2022 will be able to select the double degree with Bordeaux or Haifa in 2022/2023.

1st Year: Integrated analysis of cultural heritage materials, Geomorphology of archaeological landscapes and sites, Suite of courses on Materials properties and conservation (stone materials, binders, biomaterials), Geoarchaeology and micromorphology, Dating techniques, Geophysics for cultural heritage, Macromolecules and genetics, Communication and digital experience in CH

2nd Year: Historical buildings and sites, Suite of courses on Materials properties and conservation (ceramics, pigments, metals, glass), Remote sensing for archaeology, Databases and data processing, Authentication, History and theory of restoration, Urban history, Management and valorization of cultural heritage



UNIVERSITÀ
DEGLI STUDI
DI PADOVA

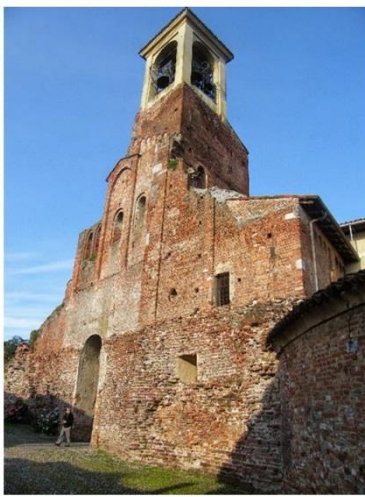


Career opportunities

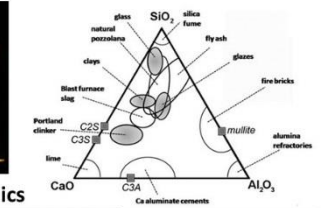
Graduates work as archaeologist, archaeological scientists, consultants and planners for diagnostic programs of sites and CH objects, managers of archaeological sites, consultants and planners for Museums, consultants and planners for conservation programs. In Italy, they can specialize further and enroll in the list of professional archaeologists. Their competences and knowledge will be unique for the interpretation and valorization of archaeological and CH materials.



Ancient buildings and binders



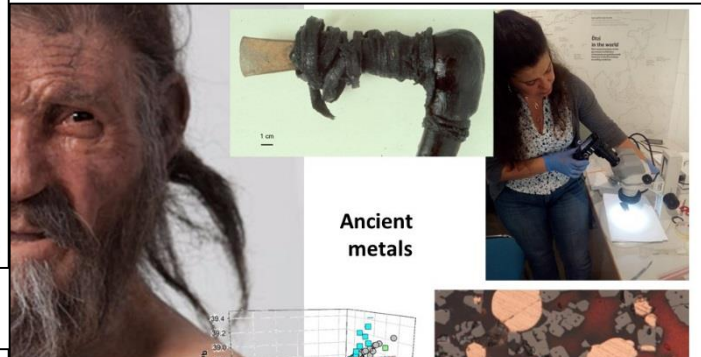
Explore the world of ancient materials and sites!



Ceramics



Ancient glass



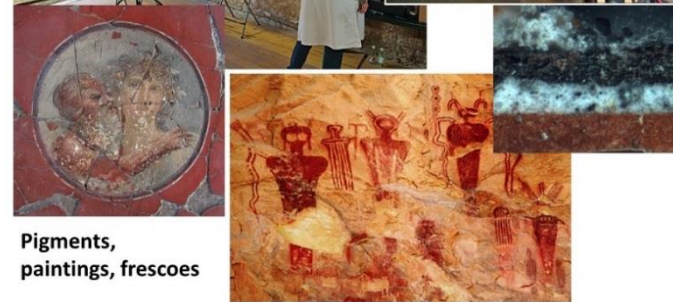
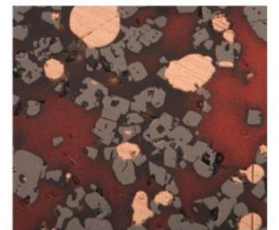
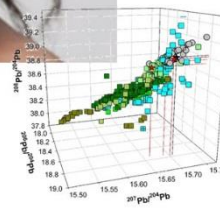
Ancient metals



Ötzi the Iceman



Südtiroler Archäologiemuseum
Museo Archeologico dell'Alto Adige
South Tyrol Museum of Archaeology

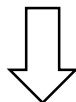


Pigments, paintings, frescoes

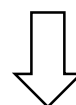
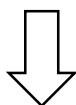
Learn about cultural heritage!



Master in Archaeological Sciences (LM-2)

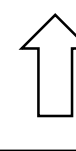
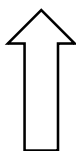


International Curriculum
Applied sciences to cultural heritage materials and sites



Double Degree
Archaeological Sciences

Double Degree
Maritime Archaeological Heritage



Master in Archaeometry

M.A. in Maritime Civilizations



More information (click to check the original websites)

Master Course Location:

- ***DBC Dipartimento dei Beni Culturali***
Palazzo Liviano, Piazza Capitaniato 2, 35139 Padova, Italy
-

Contacts:

UNIPD:

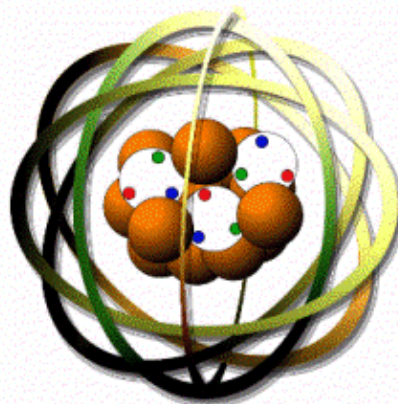
- [Application website](#)
- Website at the [School of Human and Social Sciences](#)
- [Office of International relations](#)
- [Dipartimento dei Beni Culturali](#), DBC students' office
(segreteria didattica.dbc@unipd.it) +39 049 8274673
- Coordinator of the Master in Archaeological Sciences:
 - **Prof. Michele Asolati** (michele.asolati@unipd.it)
- Coordinator of the International Curriculum:
 - **Prof. Gilberto Artioli** (gilberto.artioli@unipd.it)

UBM:

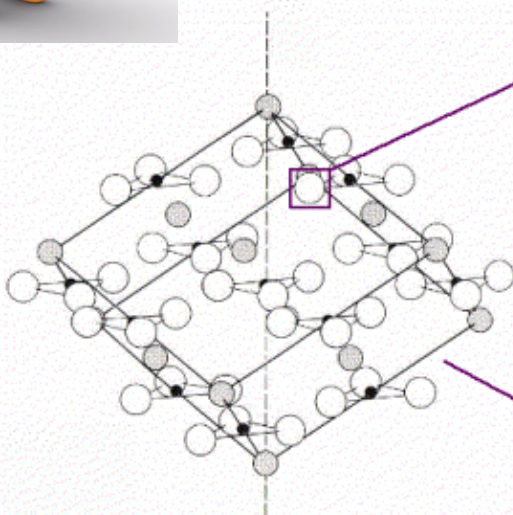
- Office of [Masters Hist Art and Archeo](#)
- Administration [contact for foreign students](#)
- Coordinator of the Master in Archaeometry:
 - **Assoc. Prof. François Xavier Le Bourdonnec** (Francois-Xavier.Le-Bourdonnec@u-bordeaux-montaigne.fr)

Univ. HAIFA:

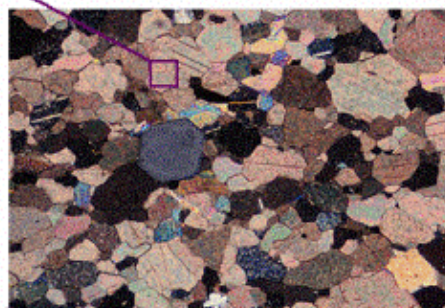
- [Application website](#)
 - Head of the International Program in Maritime Civilizations:
 - **Dr. Nimrod Marom** (nmarom2@univ.haifa.ac.il)
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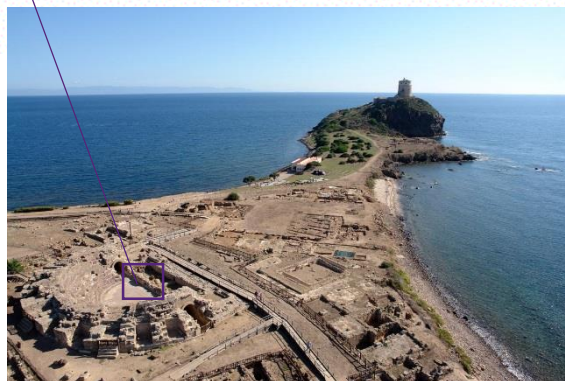
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