CAREER OPPORTUNITIES

Graduates in Science and Technology for the Conservation of Cultural Heritage carry out a wide range of activities in different institutions involved in the management and conservation of cultural heritage, including Government institutions, museums, and archives, International Organizations devoted to the conservation of cultural heritage. Companies and professional organizations working in the field of conservation, restoration and protection of cultural heritage will also be involved. Students will be able to:

- Carry out diagnostic studies before, during and after the conservation and restoration of cultural heritage and relative environment
- Study, implement and evaluate materials, measures, methods and conservation technologies, and establish standards and guidelines in the conservation of cultural heritage
- Develop technological skills in the study of cultural heritage
- Promote research and scientific cooperation, and disseminate scientific results in the field of safeguard of cultural heritage
- Cooperate with other people involved in the process of conservation and restoration.

The training of conservation scientists can eventually lead to a PhD degree.

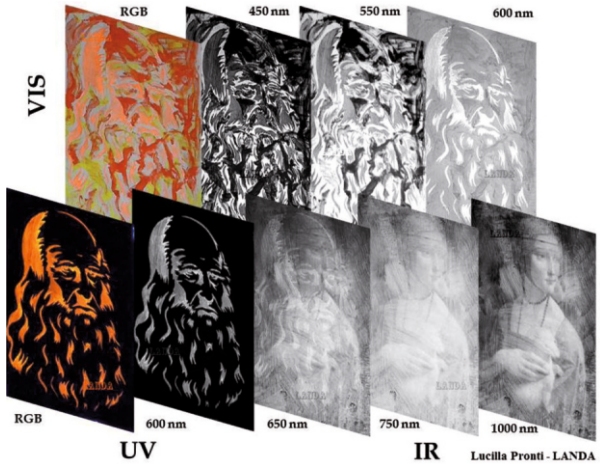
ELIGIBILITY

The Master Course in Science and Technology for the Conservation of Cultural Heritage is open to students with a Bachelor degree (I cycle equivalent-180 ECTS credits) in Sciences. Candidates must have a strong background in a wide range of Science subjects. In particular they must have attained at least:

- 84 ECTS in scientific disciplines, including mathematics, physics, chemistry, mineralogy, biology, and computer science
- 6 ECTS in humanities and economic disciplines (e.g., museology, history of restoration and techniques of artistic production, and cultural heritage legislation).

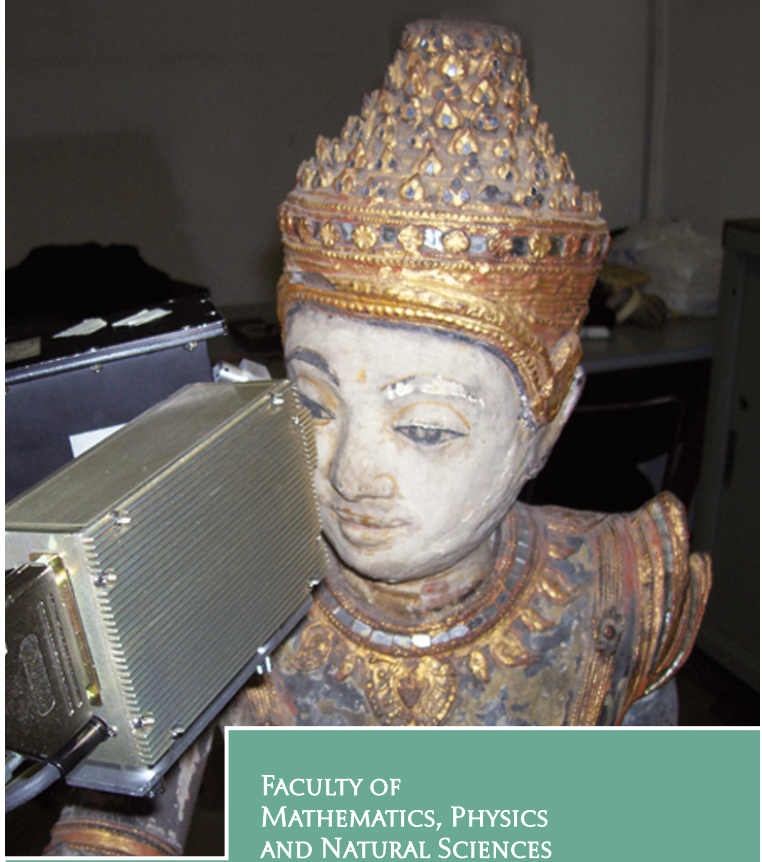
The minimum English language requirement is level B2 (IELTS).

Admission will be based on admission requirements, followed by scheduled interviews for all eligible students.



For information on how to apply, interviews, admissions tests, and more, please direct enquiries to:
scienzebc@uniroma1.it

Admission information and procedures are available at
http://en.uniroma1.it/study-us/undergraduate/admissions



FACULTY OF
MATHEMATICS, PHYSICS
AND NATURAL SCIENCES

SAPIENZA
UNIVERSITÀ DI ROMA

Master Course in Science and Technology for the Conservation of Cultural Heritage

Academic year
2017-2018

COURSE LEARNING OBJECTIVES

The course aims at the training of experts in the field of archaeometry and conservation of cultural heritage (conservation scientists), with specialized skills in the multi-analytical characterization of a wide range of archaeological and cultural heritage materials. Students will apply scientific methods and advanced technologies in the study of conservation.

Graduates will achieve the following objectives:

- ability to work in a research area with a strong multidisciplinary connotation (across Science and Humanities) .
- expertise in analytical techniques, scientific methods of investigation and interpretation of data, aimed at the recovery and conservation of cultural heritage
- advanced skills in the analysis of the interactions between the cultural heritage and its chemico-physical environment .
- advanced knowledge of archaeometric applications in different fields of interest.

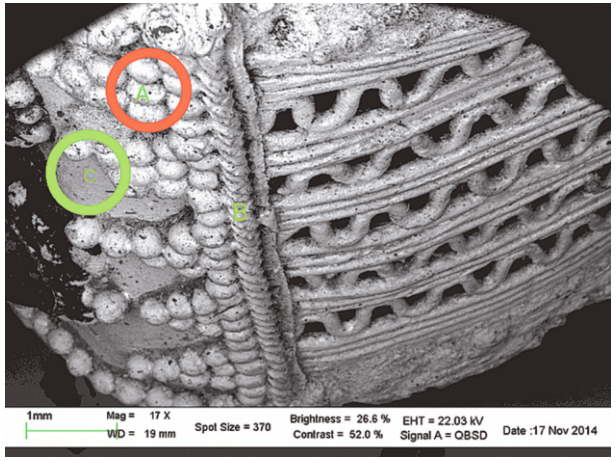
CURRICULUM

Semester 1 to 3

Course	*ECTS*
• Archaeological research: methods and case studies	6+3
• Archaeometry and Laboratory of Archaeometry	6+3
• English/Italian for Cultural Heritage	3
• Training experience	3
• Two courses chosen among all courses available at Sapienza University	12
• Nine courses chosen among the list of optional courses	54

Semester 4

- Master thesis 30
- *Viva voce* examination



CURRICULUM

Optional courses

Course	*ECTS*
• Advanced chemical methods in archaeological materials science	6
• Air quality analysis	6
• Advanced physical methods applied to Cultural Heritage	6
• Geomaterials for Cultural Heritage	6
• Geophysics applied to Cultural Heritage	6
• Advanced biological methods applied to Cultural Heritage	6
• The Bioarchaeology of food	6
• Physical anthropology	6
• Human palaeobiology and palaeopathology	6
• Experiment and experience in Archaeology	6
• Introduction to Thesis and practical seminars	6

One semester can be spent in another European University through Erasmus+ exchanges