

Learning plan
of the Training Course in:

Preserving the past:
preliminary techniques in archaeological material diagnostics and conservation

Academic year	2025-2026
Department	Sciences of Antiquity
Date of Resolution approving the activation of the course in the Department	28/4/2025
Course Director	Prof.ssa Cristina Lemorini
Minimum number of admitted students	5
Maximum number of admitted students	15
Admission requirements	Upper secondary school diploma

<p>Learning objectives</p>	<p>The course, part of the AICS Project code AID 013117: “Support for the restoration and enhancement of two unique sites in the universal cultural landscape: the Church of the Holy Sepulchre and the Terra Sancta Museum” CUP H27B25000000001, aims to provide an introductory overview of the conservation and diagnostics of archaeological materials.</p> <p>Participants will learn about the production cycles of materials, from raw materials to finished artifacts, delving into each phase and understanding how this knowledge impacts material conservation. The program will cover the chemical and physical properties of materials used in different historical periods, such as stone, ceramics, and metal, in order to better understand the challenges related to their preservation.</p> <p>The course will also explore basic techniques for the recovery and conservation of finds in the field, guiding participants through the initial documentation phase of artifacts, including cataloguing, inventorying, manual and digital surveying, and the use of 3D techniques for the conservation and future enhancement of cultural heritage.</p> <p>Finally, non-invasive diagnostic techniques will be examined, promoting a sustainable and responsible approach to conservation.</p> <p>The course aims to raise awareness of the importance of cultural heritage protection, while also providing the fundamental tools to understand and apply common practices in the field.</p>
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<p>Expected learning outcomes</p>	<p>The expected learning outcomes of the course aim to train experts in the initial phases of conservation, recovery, and documentation of materials, capable of applying the acquired skills in various contexts.</p> <p>By the end of the program, participants will be able to manage the early stages of archaeological material conservation, contributing to excavation support activities, exhibition setup and museum enhancement, as well as recovery and preventive conservation efforts at cultural sites.</p> <p>Moreover, the course seeks to raise awareness among participants about the importance of understanding and safeguarding their own history and cultural traditions, educating them to view conservation as a fundamental practice for the protection of collective heritage.</p> <p>The ultimate goal is to train knowledgeable and competent professionals who can responsibly apply conservation techniques, contributing to the enhancement and protection of cultural heritage, both in museum settings and in the field.</p>
<p>Lesson start date</p>	<p>April 2026</p>
<p>Teaching calendar</p>	<p>Allegare o linkare</p>
<p>Internship</p>	<p>Not provided</p>

Teaching methods	mixed
CFU awarded	10
Sapienza professors responsible for the courses and related short curricula (max half page)	<p>Prof. Laura Medeghini, Scientific Disciplinary Sector GEOS-01/D (Mineral Resources and Mineralogical-Petrographic Applications for the Environment and Cultural Heritage), Department of Earth Sciences.</p> <p>Prof. Cristina Lemorini, Scientific Disciplinary Sector ARCH-01/A (Prehistory and Protohistory), Department of Ancient World Studies.</p> <p>Prof. Lorenzo Nigro, Scientific Disciplinary Sector STAA-01/E (Archaeology and Art History of the Ancient Near East and Eastern Mediterranean), Department of Ancient World Studies.</p> <p>Dr. Vanessa Forte, Scientific Disciplinary Sector ARCH-01/A (Prehistory and Protohistory), Department of Ancient World Studies, Sapienza University of Rome.</p> <p>Dr. Antonio Ferrandes, Scientific Disciplinary Sector ARCH-01/D (Classical Archaeology), Department of Ancient World Studies, Sapienza University of Rome.</p>

Any partner partners	Fare clic qui per immettere testo.
Location Sapienza or external locations (obligation of Convention)	Studium Biblicum Franciscanum
Expected registration fee divided into a maximum of two installments	200 euros
Any partial or total exemption fees from the payment of the part of the fee pertaining to the Department expressed as percentages (whole number) of the registration fee (max two types of exemptions)	Fare clic qui per immettere testo.
Secretarial Contacts	archeomaterials.sapienza@uniroma1.it

Plan of Educational Activities
(Courses, Study and research seminars, Internships, Final exam)

Title of the training activity	Teaching Manager	Academic discipline	ECTS	Hours	Typology	Language
Activity I: <i>Inside the Material – Exploring the Origin and Properties of Materials</i>	- Prof. Laura Medeghini - To be banned	GEOS-01/D	1	8	Online course	English
Activity II: <i>From Raw Material to Finished Product: The Material Production Cycle</i>	- Prof. Cristina Lemorini - Dr. Vanessa Forte	ARCH-01/A	1	8	Online course	English
ActivityIII: <i>Materials Through the Centuries: The History of the Holy Land Told Through Objects</i> <ul style="list-style-type: none"> • The Bronze and Iron Ages • The Herodian, Roman, and Byzantine Periods • From the Medieval Era to the Modern and Contemporary Age 	- Prof. Lorenzo Nigro - Dr. Antonio Ferrandes - To be banned	STAA-01/E ARCH-01/D ARCH-01/E	2	16	Online course	English

Activity IV: <i>Fundamentals of Cultural Heritage Conservation: Basic Recovery Techniques and Material Diagnostics</i>	- Dr. Claudia Colantonio		2	50	Professional training	English
Activity V: <i>How We Document the Past: Non-Invasive Techniques for Documenting Archaeological Materials</i> • Cataloguing and Marking Artifacts • Manual Graphic Documentation and Digital Surveying • 3D Visualization and Digital Documentation Techniques	- To be banned	ARCH-01/E	2	50	Professional training	English

Final exam		SSD not provided	1		Preparation of a final paper on one of the selected materials, including a practical evaluation
Other activities	- to be banned	SSD not provided	1	8	Guided tours of museums with local collections of artifacts
TOTAL CFU			10		

The minimum number of credits that can be assigned to an activity is 1 (pursuant to art. 23 of the University Teaching Regulations, it should be noted that 1 CFU corresponds to 6 – 10 hours of lectures, or 9 – 12 hours of laboratory or guided exercises, or 20 – 25 hours of professional training in small groups or assisted study).