

## Course Catalog 2023/24

### Title of Program: Archaeology and Cultural Heritage

<b>Program Code</b>	4-MA-MACH
<b>Level</b>	Graduate
<b>Credits and Duration</b>	120 ECTS credits / 4 semesters
<b>Delivery Language</b>	English

### Programme Overview

The Master in Archaeology and Cultural Heritage was developed to cater to the need of addressing current challenges in the field of Archaeology, which is at the core of other disciplines including earth sciences, materials science, digital technologies, conservation sciences etc., and therefore offers broader professional opportunities for the programme's graduates. It is designed to cover the areas of Archaeology, Heritage, and other related disciplines, hence, provides students with a 360-degree overview of these fields. This programme is multidisciplinary, yet, it gives priority to Archaeology and Heritage with particular focus on the challenges faced in Abu Dhabi and the Emirates in general.

Its unique curriculum and mode of delivery, with each semester alternating between lectures and fieldwork practice (internship), reflects on the scholarly and practical nature of archaeological and heritage work. In Fall Semesters, lessons are delivered by local and visiting professors, including museum professionals, archaeologists, geologists, scientists such as physicists who are also specialists in their fields. In Spring Semesters, in the first year students will participate in an Academic Archaeological Project in the Emirate of Dubai which is developed by the Department of Archaeology and History of Art of Sorbonne University Abu Dhabi, while in their second year, students will conduct their mandatory internship in partners institutions, in the UAE or abroad (depending on the level of language proficiency of the candidates).

Students will therefore have the opportunity to acquire broad, deep knowledge and practical skills in Archaeology and Heritage both on the field and in labs, this is complimented with a scientific background strong enough to develop their critical thinking and to providing them with innovative problem solving skills to analyse, preserve and manage archaeological/historical sites as well as culture material.

The Master Degree Programme in Archaeology and Cultural Heritage aims to train competent professionals in the areas of Archaeology and Cultural Heritage management, conservation, and valorization to face the new challenges and the technological revolution that such fields are currently experiencing. Graduates of this programme will be able to support not only the immediate needs of museums and cultural organizations, heritage collections and sites, but will also, be able to provide cutting-edge solutions to managing and preserving them in the medium and long run.

The programme is delivered by visiting professors coming from the Department of History of Art and Archaeology at Sorbonne University (Paris) and professors from Sorbonne University Abu Dhabi, as well as archaeologists, museum professionals, geomaticians, geographers, and scientists working in the field of Heritage.

### Learning Outcomes / Objectifs de la formation

<b>PLO 1</b>	Critically <b>evaluate</b> evidence in support of an argument or proposition in the area of archaeology and cultural heritage through the application of appropriate tools and methodology in archaeology, history of art and heritage studies, principles, and records.
<b>PLO 2</b>	<b>Structure</b> ideas, theories, and information arising from professional and research activities and communicate solutions effectively to peers and the wider community.
<b>PLO 3</b>	<b>Apply</b> professional Archaeological and Cultural ethics in promoting theories and practice of Heritage Management through collaborative activities that demand cross-disciplinary interaction, and demonstrable autonomy in conducting independent research.
<b>PLO4</b>	<b>Manage</b> research, teams, projects, and discipline-specific professional skills in archaeology, heritage management and cultural mediation to challenge traditional ways of approaching preservation, and valorization of archaeological collections and cultural heritage sites, and transmission of Heritage.
<b>PLO5</b>	<b>Appraise</b> archaeological artefacts and material culture in general in order to initiate, organize and support a collection from acquisition or creation to exploitation operations (preservation, managing, appraisal, valorisation, and access of material culture and records).
<b>PLO6</b>	<b>Contribute</b> to cultural awareness and sensitivity at strategic and leadership levels in their organization through identifying the impact of artefacts and more generally heritage preservation, exhibition, and promotion to local and foreign audiences.

### Program Structure / Structure de la Formation

The Master in Archaeology and Cultural Heritage requires the successful completion of 120 ECTS comprising:

Master 1 Semester 1			
UE	Course Name	Credits	Date
UE1: Archaeology and civilizations-cultural areas I	Classical Archaeology	2	4 – 7 Sep 2023
	Archaeology of the Gulf area I	2	11 – 14 Sep 2023
	Archaeology in the Asian World I	2	18 – 21 Sep 2023
	Archaeological Project Management in the Emirates 1	4	24 – 28 Sep 2023
	Near Eastern Archaeology I	2	2 – 5 Oct 2023
UE2: Tools and Sciences for Archaeology I	History and methods in archaeology	2	9 – 12 Oct 2023
	Digital Archaeology I	3	16 – 19 Oct 2023
	Archaeological Project Management in the Emirates 2		22 – 26 Oct 2023
UE3 : From sites to cultural	Material Culture I	2	30 Oct – 2 Nov 2023

heritage management	Valorisation - From sites to objects	2	6 – 9 Nov 2023	
	Archaeometry	2		
	Archaeological project management in the Emirates 3		19 – 23 Nov 2023	
	Lab archaeology	3	26 – 30 Nov 2023	
UE4: Internship preparation & support	Internship preparation & support	2	Semestriel	
UE5: Language	French for Art Historians & archaeologists	2	Semestriel	
Master 1 Semester 2				
UE1: Application Seminar / Internship	Application Seminar: Fieldwork project (Academic Archaeological research Project)	10	Jan – Mar 2024	
UE2: Processing data and ongoing research	Processing data and ongoing research	10	Mar – May 2024	
UE3: Scientific report and defense	Scientific report and oral presentation (defense)	10	Jun 2024	
Master 2 Semester 3				
UE1: Archaeology and civilizations-cultural areas I	Archaeology of the Gulf area II	2	TBD	
	Levantine Archaeology / Archaeology of the Arabian Peninsula	2		
	Archaeology in the Asian World II	2		
	African Archaeology	2		
UE2: Tools and Sciences for Archaeology I	Landscape Archaeology	2		
	Digital archaeology II (de l'objet au territoire)	3		
	Ancient sources in context	2		
	Material culture II	2		
UE3 : From sites to cultural heritage management	Exhibition project management	4		
	Archive project management	3		
	Tools for cultural mediation and education	2		
UE4: Internship preparation & support	Internship preparation & support	2		
UE5: Language	French for Art Historians & archaeologists	2		
Master 2 Semester 4				
UE1: Application seminar: Internship	Application seminar: Internship	10	TBD	
UE2: Processing data and ongoing research	Processing data and ongoing research	10		
UE3: Dissertation and defense	Dissertation & oral presentation (defense)	10		

## Course Details / Description des cours

### Master 1 Semester 1

Course Title & Code	<b>Classical Archaeology</b>
Instructor	TBD
Date	4 – 7 Sep 2023
Course Format	1 week mission
Credits	2
Level	Graduate
Semester offered	Semester 1
Contact Hours	15h
Course Description	TBD
Evaluation	40% CC,60% CF

Course Title & Code	<b>Archaeology of the Gulf area I</b>
Instructor	TBD
Date	11 – 14 Sep 2023
Course Format	1 week mission
Credits	2
Level	Graduate
Semester offered	Semester 1
Contact Hours	15h
Course Description	TBD
Evaluation	40% CC,60% CF

Course Title & Code	<b>Archaeology in the Asian World I</b>
Instructor	Dominique Soutif
Date	18 – 21 Sep 2023
Course Format	1 week mission
Credits	2
Level	Graduate
Semester offered	Semester 1
Contact Hours	15h
Course Description	<p>This course covers the concepts and theories related to archaeology in South-East Asia. It provides an overview of the different material traditions in South-eastern Asia from the bronze age to the end of the medieval period.</p> <p>The course includes a presentation of the specific methodology and tools used in tropical area and of the new technologies applied to archaeology.</p> <p>This course includes case-studies (the research of Yaśovarman I's monasteries in Cambodia: 9th-10th c.) and research programs dedicated to stone, metal and ceramics during the Angkorian period: 9th-14th c.) to present the different steps of an archaeological research program, from the theoretical questions (research questions or problematics) to the surveys and excavation, and then to the analysis, dating, interpretation and preservation of the collected artefacts.</p>

	A special focus will be placed on religious archaeology, and on the ancient and present management of sacred places in South-Eastern Asia.
Evaluation	40% CC,60% CF

Course Title & Code	<b>Archaeological Project Management in the Emirates 1</b>
Instructor	TBD
Date	24 – 28 Sep 2023
Course Format	1 week mission
Credits	4
Level	Graduate
Semester offered	Semester 1
Contact Hours	8h
Course Description	TBD
Evaluation	40% CC,60% CF

Course Title & Code	<b>Near Eastern Archaeology I</b>
Instructor	TBD
Date	2 – 5 Oct 2023
Course Format	1 week mission
Credits	2
Level	Graduate
Semester offered	Semester 1
Contact Hours	15h
Course Description	TBD
Evaluation	40% CC,60% CF

Course Title & Code	<b>History and methods in archaeology</b>
Instructor	TBD
Date	9 – 12 Oct 2023
Course Format	1 week mission
Credits	2
Level	Graduate
Semester offered	Semester 1
Contact Hours	15h
Course Description	TBD
Evaluation	40% CC,60% CF

Course Title & Code	<b>Digital Archaeology I</b>
Instructor	Christophe Moulherat
Date	16 – 19 Oct 2023
Course Format	1 week mission
Credits	2
Level	Graduate
Semester offered	Semester 1
Contact Hours	19h
Course Description	This course is an introduction to digital technology employed for

	<p>Archaeological research (3D scanning and imagery, 3D printing, scanners X, photogrammetry etc.) to genuine archaeological materials and museums' collections.</p> <p>Land, sites, materials (wood, stone, metal, organic and biological materials), composite and complex objects, as well as paintings are all common threads to explore in terms of data acquisition and processing, the possibilities, the limits and the possible combinations of imaging and 3D printing tools to analyze, archive, conserve and publicize archaeological, museum and pictorial materials.</p> <p>Each lesson consists of a lecture followed by an interactive problem-based learning session guided by the teacher. The objective is to mobilize the knowledge acquired (or reactivated beforehand during the lecture), in the context of professional situation whose scenario is given by the teacher (within an excavation team or a museum team). An assessment of the solutions offered is then discussed.</p> <p>The students are thus put in a real situation, manipulating tools (virtual analysis of X-ray scanners of museum objects and realization of 3D photogrammetry) by alternating theoretical presentation (technical instruments and their challenges) and practice around concrete case-studies.</p> <p>Advances in 3D digital imaging resulting, especially from scanners and industrial imaging (CT scans), providing access to invisible information (which was already done by other imaging techniques, foremost among which is the RX) are fundamental. The major upheaval comes from the possibility of remotely manipulating the object -such as an archaeological sample or a museum piece-, to “cut it up” and analyze it without destroying it. To use the metaphor of excavation as a reading of soil archives, this now amounts to leafing through them without tearing out the pages. Originally thought to be irreversible and non-reproducible, the act of excavation, like the analysis of an object, can therefore become non-destructive</p>
Evaluation	100% CC

Course Title & Code	<b>Archaeological Project Management in the Emirates 2</b>
Instructor	TBD
Date	22 – 26 Oct 2023
Course Format	1 week mission
Credits	4
Level	Graduate
Semester offered	Semester 1
Contact Hours	12h
Course Description	TBD
Evaluation	100% CC

Course Title & Code	<b>Material Culture I</b>
Instructor	Anne Benoist
Date	30 Oct – 2 Nov 2023
Course Format	1 week mission
Credits	2

Level	Graduate
Semester offered	Semester 1
Contact Hours	15h
Course Description	TBD
Evaluation	100% CC

Course Title & Code	<b>Valorisation - From sites to objects</b>
Instructor	TBD
Date	30 Oct – 2 Nov 2023
Course Format	1 week mission
Credits	2
Level	Graduate
Semester offered	Semester 1
Contact Hours	15h
Course Description	TBD
Evaluation	40% CC,60% CF

Course Title & Code	<b>Archaeometry</b>
Instructor	Delphine Sivilay
Date	6 – 9 Nov 2023
Course Format	1 week mission
Credits	2
Level	Graduate
Semester offered	Semester 1
Contact Hours	15h
Course Description	TBD
Evaluation	40% CC,60% CF

Course Title & Code	<b>Archaeological project management in the Emirates 3</b>
Instructor	TBD
Date	19 – 23 Nov 2023
Course Format	1 week mission
Credits	4
Level	Graduate
Semester offered	Semester 1
Contact Hours	12h
Course Description	TBD
Evaluation	40% CC,60% CF

Course Title & Code	<b>Lab archaeology</b>
Instructor	Philippe Walter
Date	26 – 30 Nov 2023
Course Format	1 week mission
Credits	3
Level	Graduate
Semester offered	Semester 1
Contact Hours	19h

Course Description	TBD
Evaluation	100% CC

Course Title & Code	<b>Internship preparation &amp; support</b>
Instructor	TBD
Date	Semestriel
Course Format	Semestriel
Credits	2
Level	Graduate
Semester offered	Semester 1
Contact Hours	TBD
Course Description	TBD
Evaluation	100% CC

## Master 1 Semester 2

Course Title & Code	<b>Application Seminar: Fieldwork project (Academic Archaeological research Project)</b>
Instructor	HoD, PostDoc
Date	Jan – Mar 2024
Course Format	TBD
Credits	10
Level	Graduate
Semester offered	Semester 2
Contact Hours	TBD
Course Description	TBD
Evaluation	100% CC

Course Title & Code	<b>Processing data and ongoing research</b>
Instructor	HoD, PostDoc
Date	Mar – May 2024
Course Format	TBD
Credits	10
Level	Graduate
Semester offered	Semester 2
Contact Hours	TBD
Course Description	TBD
Evaluation	100% CC

Course Title & Code	<b>Scientific report and oral presentation (defense)</b>
Instructor	HoD, PostDoc, UFR
Date	Jun 2024
Course Format	TBD
Credits	10
Level	Graduate
Semester offered	Semester 2
Contact Hours	TBD



Course Description	TBD
Evaluation	Mixte
<b>Master 2 Semester 3</b>	

Course Title & Code	<b>Archaeology of the Gulf area II</b>
Instructor	TBD
Date	TBD
Course Format	1 week mission
Credits	2
Level	Graduate
Semester offered	Semester 3
Contact Hours	15h
Course Description	TBD
Evaluation	40% CC, 60% CF

Course Title & Code	<b>Levantine Archaeology / Archaeology of the Arabian Peninsula</b>
Instructor	TBD
Date	TBD
Course Format	1 week mission
Credits	2
Level	Graduate
Semester offered	Semester 3
Contact Hours	15h
Course Description	TBD
Evaluation	40% CC, 60% CF

Course Title & Code	<b>Archaeology in the Asian World II</b>
Instructor	TBD
Date	TBD
Course Format	1 week mission
Credits	2
Level	Graduate
Semester offered	Semester 3
Contact Hours	15h
Course Description	TBD
Evaluation	40% CC, 60% CF

Course Title & Code	<b>African Archaeology</b>
Instructor	TBD
Date	TBD
Course Format	1 week mission
Credits	2
Level	Graduate
Semester offered	Semester 3
Contact Hours	15h
Course Description	TBD
Evaluation	40% CC, 60% CF

Course Title & Code	<b>Landscape Archaeology</b>
Instructor	TBD
Date	TBD
Course Format	1 week mission
Credits	2
Level	Graduate
Semester offered	Semester 3
Contact Hours	15h
Course Description	TBD
Evaluation	40% CC, 60% CF

Course Title & Code	<b>Digital archaeology II (de l'objet au territoire)</b>
Instructor	TBD
Date	TBD
Course Format	1 week mission
Credits	3
Level	Graduate
Semester offered	Semester 3
Contact Hours	19h
Course Description	TBD
Evaluation	100% CC

Course Title & Code	<b>Ancient sources in context</b>
Instructor	TBD
Date	TBD
Course Format	1 week mission
Credits	2
Level	Graduate
Semester offered	Semester 3
Contact Hours	15h
Course Description	TBD
Evaluation	40% CC, 60% CF

Course Title & Code	<b>Material culture II</b>
Instructor	TBD
Date	TBD
Course Format	1 week mission
Credits	2
Level	Graduate
Semester offered	Semester 3
Contact Hours	15h
Course Description	TBD
Evaluation	100% CC

Course Title & Code	<b>Exhibition project management</b>
Instructor	TBD
Date	TBD

Course Format	1 week mission
Credits	4
Level	Graduate
Semester offered	Semester 3
Contact Hours	32h
Course Description	TBD
Evaluation	100% CC

Course Title & Code	<b>Archive project management</b>
Instructor	TBD
Date	TBD
Course Format	1 week mission
Credits	3
Level	Graduate
Semester offered	Semester 3
Contact Hours	19h
Course Description	TBD
Evaluation	100% CC

Course Title & Code	<b>Tools for cultural mediation and education</b>
Instructor	TBD
Date	TBD
Course Format	1 week mission
Credits	2
Level	Graduate
Semester offered	Semester 3
Contact Hours	15h
Course Description	TBD
Evaluation	40% CC, 60% CF

Course Title & Code	<b>Internship preparation &amp; support</b>
Instructor	TBD
Date	TBD
Course Format	Semestriel
Credits	2
Level	Graduate
Semester offered	Semester 3
Contact Hours	TBD
Course Description	TBD
Evaluation	100% CC

## Master 2 Semester 4

Course Title & Code	<b>Application seminar: Internship</b>
Instructor	TBD
Date	TBD
Course Format	TBD

Credits	10
Level	Graduate
Semester offered	Semester 4
Contact Hours	TBD
Course Description	TBD
Evaluation	100% CC

Course Title & Code	<b>Processing data and ongoing research</b>
Instructor	TBD
Date	TBD
Course Format	TBD
Credits	10
Level	Graduate
Semester offered	Semester 4
Contact Hours	TBD
Course Description	TBD
Evaluation	100% CC

Course Title & Code	<b>Dissertation &amp; oral presentation (defense)</b>
Instructor	TBD
Date	TBD
Course Format	TBD
Credits	10
Level	Graduate
Semester offered	Semester 4
Contact Hours	TBD
Course Description	TBD
Evaluation	Mixte

## **Permanent Academic and Administrative Staff**

**Head of Department: Dr. Caroline Autret**  
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## **Useful Contacts**

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