



A*Midex
Initiative d'excellence Aix-Marseille



Aix*Marseille
université

Aix-Marseille Université

MASTER D'ARCHEOLOGIE MARITIME ET LITTORALE
MASTER OF MARITIME AND COASTAL ARCHAEOLOGY

MoMArch

Call for applications for the academic year 2016-2017

In charge of the Master's degree: Prof. Jean-Christophe SOURISSEAU

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Aix-Marseille University is opening up the fourth call for application of the **Master of Maritime and Coastal Archaeology**. The Masters course was awarded the Academy of Excellence (A*Midex University Foundation) call for projects 2013.

The Master is coordinated by the academic team of the Centre Camille Jullian (Aix-Marseille University and CNRS) in cooperation with the Department of Underwater Archaeological Research (DRASSM) of the French Ministry of Culture.

MoMArch is full member of the **UNESCO/UNITWIN Network for underwater archaeology** since 2015.

Objectives of the training:

The purpose of the two-year Masters program is to train top-level international specialists in all fields of maritime archaeology. More specifically, its aim is to prepare the future scientists and executives in the research, protection and management of the maritime cultural heritage and to make them readily operational.

Organisation:

The Master is based on two complementary thematic clusters:

- A cluster dedicated to **underwater and subaquatic archaeology**
- A cluster dedicated to **coastal and harbour archaeology**.

The specificity in training is balanced between the theoretical and practical courses.

Theoretical teaching provides an interdisciplinary and diachronic approach (from Prehistory to modern times). Students benefit from a series of educational, scientific, technical and material resources offered by a network of associated Laboratories and Research Institutes (archaeology, geophysics, geomorphology, biology, topography, computer-graphics, photogrammetry, GIS and conservation of water-logged artefacts, etc).

The practical training is offered through operational fieldwork training periods (3 months per academic year).

The main training activities and fieldwork operations include:

- Training leading to professional diving qualifications and certificates (in collaboration with the INPP - National Institute of Professional Diving)
- Field documentation methods (Topography, Total Station, underwater photography, 3D photogrammetry, etc)
- Methods and techniques in archaeological prospection with instruments (marine acoustic survey, bathymetric survey, magnetometer survey, etc)
- Training in maritime archaeological systematic and rescue survey and excavation
- Initiation in deep-water archaeology. ROVs and robotic-operated operations.
- Conservation methods of water-logged artefacts
- Initiation in the valorisation of the maritime cultural heritage in partnership with Archaeological Museums (expositions, educational activities, public dissemination, etc)

Students :

Each class consists of 8 students in *numerus clausus*.

Approximately 50% of the recruitment is reserved for international students.

Requirements :

Prerequisite for applicants to the underwater and subaquatic archaeology cluster: the applicants should already hold a scuba diving certificate in recreational diving (at least CMAS-one star or PADI– Advanced Diver).

MoMArch team:

In charge of the Master's degree: Prof. Jean-Christophe SOURISSEAU (AMU - CCJ, director).

Scientific direction: Prof. Jean-Christophe Sourisseau (AMU- CCJ, director) and Michel L'Hour (DRASSM)

Coordination: Kalliopi Baika (A*Midex, CCJ/ Hellenic Ministry of Culture) and Souen Fontaine (DRASSM)

Teaching team:

The teaching is mainly conducted by the members of the Centre Camille Jullian, CNRS-AMU (*Jean-Christophe Sourisseau, Giulia Boetto, Kalliopi Baika, Patrice Pomey, Pierre Poveda, Marie-Brigitte Carre, Vincent Dumas, Corinne Rousse, Michel Bonifay, Laurent Borel*) and of the DRASSM (*Michel L'Hour, Franca Cibecchini, Souen Fontaine, Luc Long, Yves Billaud, Nathalie Huet, Lila Reboul*).

Throughout the year, a significant number of guest lectures are provided by international specialists from French and international Universities and Research Institutes in the framework of specific modules and themes of maritime archaeology.

The professional company Ipso Facto, specialising in underwater archaeological operations, led by archaeologist Mourad El-Amouri, provides an additional support to the practical training and fieldwork.



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Call for application time schedule:

- **March 25th 2016: deadline for applications**
- March 28th to April 17st 2016: Shortlist selection process and interviews of shortlisted applicants
- April 30th 2016 : diffusion of the lists of candidates admitted in M1
- Start of the courses: September 2016
- Diving certification training courses will take place during the month of September 2016 (dates to be confirmed)
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Program structure:

The Maritime and Coastal Archaeology Masters program is a two year full-time course. Each semester includes 12 teaching weeks.

There are 6 Teaching Units (UEs) during the 1st and 3rd semesters. Each Teaching Unit (UE) corresponds to 36 hours of teaching over a semester.

Teaching will be broken down into Lectures (CMs), lab/tutorial works (TDs) and practical workshops (TPs).

The courses are taught in French and in English. A sufficient level of knowledge of both languages is required.

Funding/Scholarships

Public education in France is free of charge. Therefore, there are no tuition fees for the Masters program (only inscription fees), for both students resorting from European Union/EEA countries, as well as International students.

There is a variety of funding opportunities that are issued per year for European and International students. For further information, please contact: Prof. Jean-Christophe Sourisseau (jean-christophe.sourisseau@univ-amu.fr, master.momarch@msh.univ-aix.fr).

MASTER 1

Semester 1: September – December

Teaching Units	Title
UE 1	Maritime history and archaeology: overview, definitions, specificities
UE 2	Historiography, regulatory framework, institutional organization and specific legislation
UE 3	Theory of practice - Operational implementation. Preservation-restoration of artefacts recovered from UW sites
UE 4	Palaeo-Environment : Geo-archaeology, geophysics, marine sciences, etc
UE 5	Case studies TU common to S1 and S3
UE 6	Specialty defined by the guest professor TU common to S1 and S3

During semester 1: Professional diving training course (at Marseilles) in partnership with the National Institute of Professional Diving (INPP). The aim is to obtain hyperbaric aptitude certificates, classes 0B and/or 1B.

Semester 2: January - June

From mid-January: 3-months practical training (stages).

The M1 practical training will entail scheduled operations, so as to provide homogeneous laboratory and fieldwork training to all students in basic methods of maritime and coastal archaeology.

Students will also start their research on the M.A. Thesis subject, which they will defend at the end of the second year.

Assessment in June in the form of a presentation of the development of the project of the M.A. thesis (in French or in English) to be defended in front of the scientific committee (in French or in English).

Mid-July: deliberations of the committee and results displayed.

MASTER 2

September: Complementary training courses in professional diving (INPP, Marseilles)

Semester 3: September – December

Teaching units	Title
UE 1	Naval archaeology
UE 2	Archaeology and Geo-archaeology of Harbour and Coastal areas
UE 3	Archaeology of Maritime Exchanges
UE 4	Technical approaches: Survey and documentation methods
UE 5	Case Studies TU common to S1 and S3
UE 6	Specialty defined by the guest professor TU common to S1 and S3

Semester 4: January - June

From mid-January: 3-months practical training courses (*stages*) in collaboration with a variety of scientific laboratories. The practical training (the nature and the location) will be defined according to the scientific specialisation of the student and will partially serve as a base for the preparation of a M.A. thesis (*memoire*) of a scientific nature, which forms the basis of the document on which the student will be assessed.

Final assessment in June

The M.A. thesis (*memoire*) may be written in French or in English and shall be defended orally, in French or in English, before a jury composed of the members of the teaching team, as well as distinguished guests acknowledged for their competences in the field.

Mid-July: deliberations of the committee and results displayed.