

CMAS SCIENTIFIC COMMITTEE



SCIENTIFIC SPECIALITY BREVET

STANDARD

UNDERWATER ARCHAEOLOGY

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Ces standards ont été réalisés par les membres du comité scientifique CMAS entre 1997 et 1999

Ces membres étaient :

Président du Comité Scientifique et Vice Président CMAS: Prof. Manuel Martin-Bueno (Espagne)

Vice-Président du Comité et Président Archéologie: Mr Serge Ximénes (France)

Secrétaire: Dr Alain NORRO (Belgique)

Président Biologie: Prof. Dr. Willi Xylander (Allemagne)

Président Géologie: Prof. Dr. Klaus Muller (Allemagne)

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Standard Océanologie: Mr. Christian Ide (texte Français).

Standard Archéologie: Prof. Manuel Martin-Bueno, Mr. Serge Ximénes, Mr. Enrico Rampinelli, Dr Martine Moerman (Original en Français).

Standard Biologie marine et des eaux douce: Prof. Dr Willi Xylander (Originaux en Anglais).

Standard Géologie: Prof. Dr Klaus Muller (Original en Anglais).

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CMAS SCIENTIFIC COMMITTEE SPECIALITY BREVETS « UNDERWATER ARCHAEOLOGY »

Archaeology diver: 30 h: Theory 20h+ Field work 10h

Advanced Archaeology diver : In addition to Underwater Archaeology, Theory 10h, field work 20h, short thesis on an excavation work done or a project 20h

*** ARCHAEOLOGY DIVER**

Purpose of the course

- Familiarise the divers to the underwater archaeology techniques.
- Conscience the diver with the necessity of protecting the cultural heritage.

Entrance level and requirements

- Minimum age: 18 years.
- At least 1* CMAS Diver
- Medical aptitude: according to rules of the member federation, or to the legislation of the country concerned.

Instructors

- At least 3* CMAS diver or CMAS scientific diver.
- Proof of experience in underwater archaeology by University degree in the field of archaeology or experience confirmed by a CMAS Underwater Archaeology confirmed instructor.
- Participation to an archaeology course given by a CMAS confirmed instructor.

Special rules:

- The divers have to respect the local Department of culture current legislation.
- The divers have to respect, if applicable the Department of work legislation.

Purposes of course for the students.

At the end of the course, the students should be able to:

a) *Theoretical aspect:*

1. To be able to identify the features of an archaeological site.
2. To be able to set up the necessary equipment and undertake the activity safely.
3. To have the knowledge of the specific equipment used in underwater archaeology and the risks attached to their use.
4. To demonstrate their knowledge in the different times or cultures that they may discover during their works in the country or the site concerned.
5. To be able to provide to the responsible authority a report of eventual discoveries.

b) *Practice aspect:*

The diver have to demonstrate his practical knowledge using the specific equipment needed for underwater archaeological including safety equipment.

Program and training duration:

1. Training minimal duration. 1 weeks with 30 h of courses
2. Courses subjects.

Content of course

1. *Theoretical courses. 20h*

- 1.1 Definition and historical record of the underwater archaeology(1h).
- 1.2 Excavation equipment(3h).
- 1.3 Use of the excavation material – logistics(2h).
- 1.4 Organisation and safety rules(4h).
- 1.5 Material and techniques of prospecting (3h).
- 1.6 Speciality courses (according to historical and cultural context of the country concerned)(4h).
- 1.7 Drawings, notes and photography(3h)

2. *Practical lessons underwater*

- 2.1 Setting up of a site:
Use of the equipment.
Practice of excavation.
Practice of prospecting.(10h depending of the depth)

* **ADVANCED ARCHAEOLOGICAL DIVER**

In addition to the condition required for the archaeological diver, the candidates to the advanced level must obtain the first level and demonstrate an activity in the field of underwater Archaeology.

COURSES APPROVAL.

See General procedure §

Checking of the knowledge/technical tests for the two levels

1. Theoretical knowledge

- a) Advised type: final test
- b) Advised form: written

2. Practical knowledge

- a) Advised type: continue test

Final accreditation

Eventual delivery to the divers at the end of the course. The divers having completed successfully all courses requirement can get the CMAS card and diploma, according to the rules of the members federation.