

Centrale Nantes, Ecole navale and ENSM launch a *Mastère Spécialisé*® “Life Cycle Assessment of Ship”: MS LICAS

From October 2018 and as part of their collaboration in research and training, Centrale Nantes, Ecole navale and ENSM will offer an advanced master in an emerging field - ship life cycles - the *Mastère Spécialisé* “Life Cycle Assessment of Ship” (MS LICAS).

In order to comply with new regulatory constraints, it has become essential to take account of a vessel’s environmental impact at each stage of its life cycle: from design to construction, during active operations, at decommissioning, and prior to dismantling and recycling.

Experts, who are capable of assessing the environmental impact and proposing procedures and actions to reduce its effects, will be in demand in the navy as well as by companies in fishing and maritime commercial, service, recreational, scientific sectors.

MS LICAS aims to train experts in ship life cycles, with research and development as well as project management skills. LICAS prepares its graduates for engineering or design functions in a design office, or for the positions of environment manager or QHSE engineer in construction, a design office or in shipping.

Accredited by the *Conférence des Grandes Ecoles* (CGE), the one-year MS LICAS programme includes over 350 course hours and six months of practical in-company training, completed by a professional thesis. The specific fields of the partner schools cover all ship operations according to the five modules developed in the curriculum: environment, eco-design and life cycle; life cycle economics; technological and industrial aspects of the life cycle, construction/decommissioning; regulations and project management.

MS LICAS is designed for people who wish to acquire expertise, a dual competence or specialised knowledge in order to develop their careers.

It is aimed at students in initial training and continuing education and is open to holders of a two-year master degree or of one-year master degree - or equivalent - complemented by three years of professional experience. Courses are held in Nantes (Centrale Nantes and ENSM) and include a study period in Lanvéoc Poulmic (Ecole navale).

Learn more and apply: <http://bit.ly/MSLICAS>

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About Centrale Nantes

Centrale Nantes is a French engineering school and member of the Ecoles Centrale Group. Its graduate, master and PhD programmes are based on the latest scientific and technological developments and the best management practices. With research platforms ranging from digital simulation to ocean test facilities to on-site testing (SEM-REV offshore test site), Centrale Nantes has developed strong expertise in training, research and innovation in the maritime sector (shipbuilding, energy). Founded in 1919, Centrale Nantes' 40-acre campus welcomes 2250 students, including 1550 graduate students, 200 Executive Education and degree apprenticeship students, 260 PhD students and 400 Master students.

More information: www.ec-nantes.fr

Photo library: <https://phototheque.ec-nantes.fr/>  [@CentraleNantes](https://twitter.com/CentraleNantes)

About Ecole Navale

As a centre of excellence for the French Navy, maritime professionals, and maritime sciences, the Ecole navale offers top level education, in an exceptional setting, for the benefit of students from diverse backgrounds and nationalities. With its unique skills, be they maritime or technological, and its operational leadership expertise, the Ecole navale attracts students training to be naval officers or for other civil service posts; civilian or military students following research or advanced masters; PhD and post-doctoral students; officers; tomorrow's petty officers and crew; public servants as well as 'grande école' students on continuing education programmes.

www.ecole-navale.fr

About ENSM

The ENSM trains seafaring engineers, merchant navy officers, and engineers specializing in maritime engineering, ship eco-management and Offshore Systems Deployment and Maintenance. Every year it welcomes 1,200 students and 3,000 trainees. The school specializes in maritime transport and has many areas of expertise: regulations, human factors, management of ships and their complex systems. In addition, the school offers high tech educational tools: navigation simulator, machine simulator, dynamic positioning simulator, fuel cells, etc. to familiarize students with ship operations.

www.supmaritime.fr

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