



ENSM

ÉCOLE NATIONALE SUPÉRIEURE MARITIME

MARINE ENGINEER

ECO-MANAGEMENT OF THE SHIP (EGN)

DEPLOYMENT AND MAINTENANCE OF OFFSHORE SYSTEMS (DMO)

The French Maritime Academy (ENSM) has been training merchant navy officers since Colbert, as well as maritime engineers since 2011. Under the supervision of the Ministry of the Sea, it awards an engineering title to those who follow the courses in five years or more, and the grade of licence for the training of Engine room watchkeeping officer.

A rich reference base of some thirty courses and numerous internships and boarding courses form the basis of this initial maritime training.

Driven by the development of the blue economy and international trade, the professions prepared at the French Maritime Academy offer excellent career prospects both on board and ashore

To meet the new expectations of players in the blue economy, the French Maritime Academy offers a specialisation in maritime engineering along two paths, aiming to reduce the impact of ship operation on the environment (EGN) or to support the new generations of offshore installations (DMO).

ADMISSION REQUIREMENTS

The courses are open to students from :

- Preparatory classes for the Grandes Ecoles of Physics and Technology (PT) with a PT bank entrance exam, integration into L3 maritime engineering
- Scientific DUT, on file, integration in L3 maritime engineering
- Cycle L of the French Maritime Academy, on dossier, integration in M1
- University scientific curriculum at Bachelor's level, on application, integration into M1 after upgrading of maritimisation, if necessary.

As well as merchant navy officers holding a management level diploma, 8000 kW chief engineer, chief engineer, captain or DESMM, on file, integration into M1.

ORGANISATION OF STUDIES

The training takes place in Nantes. Schooling is organised over six semesters, one of which is in a company during

an L3 integration or four semesters during an M1 integration.

The course, EGN or DMO, is chosen during the first two months of training. The general areas covered are maritime environmental protection, risk systems management, entrepreneurship, regulations, human and social sciences, labour law or professional English.

The other courses are specific to each of the two courses.

The Ship Eco-Management (EGN) course focuses on the optimisation of energy on board, the treatment of ship discharges, the ecological orientation of ship construction, use and deconstruction.

The Deployment and Maintenance of Offshore Systems (DMO) course focuses on the deployment at sea of energy production or extraction installations, the exploitation of renewable

marine energies, the optimisation of the production and transport of offshore energies, the foundations and structures of offshore systems.

Examples of study work in M1 :

- Preliminary study of a platform and its anchorage for the offshore energy storage system
- Study of the problem of installing scrubbers
- Hybridization study of ships using batteries
- Study on the coordination of activities in a wind field

EGN/DMO students take part in conferences, fairs or seminars throughout their training:

- Human Sea
- Floating Wind Power
- Euronaval
- Ocean Energy Europe
- Weamec Seminar
- The Sea Economy Conference...

AN INNOVATIVE SECTOR

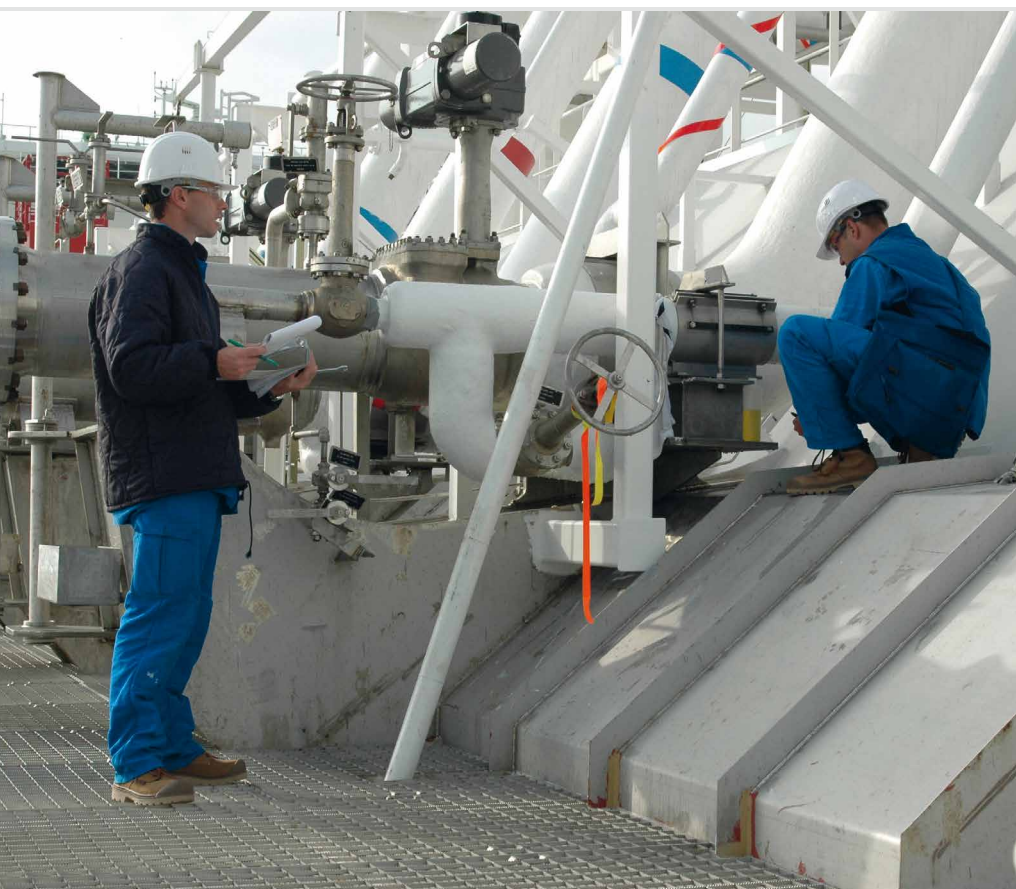
The maritime economy is at the forefront of innovation and the French Maritime Academy participates alongside industrialists in the development of new technologies.

Students are involved through study and research work during year M1, based on subjects proposed by industrialists.

REMUNERATION AND CAREER OPPORTUNITIES

The first two graduating classes of marine engineers found employment before the end of their training.

Their median gross annual salary excluding bonuses was €40k.



PRACTICE

The training takes place on the French Maritime Academy site in Nantes, a city whose academic and industrial environment creates favourable conditions for the development of activities, both in terms of training and research, as well as innovation and production.

Tuition fees were €1200 in L3 and €1100 in M1 in 2020.

The French Maritime Academy awards scholarships.

Scholarship holders are exempt from paying tuition fees.

For candidates in vocational training, EGN and DMO courses entitle them to financial aid depending on the situation.

Register for the selection on www.supmaritime.fr from January to May.

OPEN DAYS

in person and online in case of health restrictions:

- Marseille on 09 January 2021
- **Nantes on 16 January 2021**
- Le Havre on 30 January 2021
- Saint-Malo on 30 January 2021 (for machine training only)

All about the French Maritime Academy : www.supmaritime.fr

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