The French Maritime Academy, Ecole Nationale Supérieure Maritime (ENSM) has trained merchant navy officers since 1571, and ingénieurs since 2011. Under the supervision of the Ministry of the Sea, students receive an Ingénieur title, when following the five-year+ programs and the « licence » (Bachelor’s Degree) for the program « Officer in charge of engineering watch ». An extensive program with theoretical lessons, practical work, internships and cadet time at sea forms the basis of this initial maritime training.

Driven by the development of the blue economy and international exchanges, the professions taught at the French maritime academy ENSM offer great career prospects on board ships and shore side.

Engineer Officer and Chief engineer 8,000 kW are responsible for the operation and maintenance of the ships’ machinery and installations.

**ADMISSION CRITERIA**
Le recrutement est ouvert à tout titulaire d’un baccalauréat général, technologique ou professionnel. Des places sont réservées à des candidats issus d’une réorientation professionnelle.

**PROGRAM TIMELINE**
The program for Officers in charge of an engineering watch/Chief engineer 8,000 kW, recognized as a Licence, lasts three years and is delivered in Saint-Malo. It is a very practical training and consists of many internships, practical work and workshops.

The six program units are :
- Ship mechanical engineering
- Electrical engineering, electronics and control systems
- Maintenance and repair
- Control of ship operations
- Mathematics, English
- STCW Cadet time

The Diplomas as Officer in charge of engineering watch and chief engineer 8,000 kW are issued once all educational units are passed. After the period at school, navigation time as a cadet and then as a Engineer officer, is necessary for the issuance of Certificates.

Before their six-month period at sea, students follow practical trainings: launching a lifeboat, survival at sea, medical training, firefighting … The ENSM provides students with a directory of companies and organizes meetings with shipowners.

Students select their companies.
- The Officer Certificate is issued to those holding the diploma, after their six months at sea as cadet.
- The 8,000 kW Second engineer Certificate is issued after 12 months at sea as a certified officer in the Engine department.
- The 8,000 kW Chief engineer’s certificate is issued after 36 months at sea as a certified officer or 24 months, if 12 were performed as a Second engineer.

Holders of the Officer in charge of engineering watch certificate can also access Unlimited Chief engineer program.
AN INNOVATIVE SECTOR
Maritime transport, as most of the maritime economy, is at the forefront of innovation, in order to increase ships energy efficiency and participate to the protection of the environment. To imagine the ship of the future, there is also a need for capitalizing on new technologies (augmented reality, artificial intelligence).
ENSM participates in collaborative research projects (in partnership with industry) with regards to, among others, the Bridge of the future, ship propulsion assistance by kite sail. Students participate through their graduation dissertations, directly related to topics proposed by industry.

SALARIES AND OPPORTUNITIES
There are different sectors in the industry: container ships, cruise ships, ferries, oil industry, maritime services, offshore wind fields, scientific research, humanitarian activities, yachting, cargo shipping… 88% of 2019 graduates found a job in less than two months. Their average gross annual salary excluding bonuses is €26k.
Working ashore is possible at any time. Merchant Navy officers are known and appreciated for their technical skills, management skills and great adaptability.

PRACTICAL
The site has catering for lunch on weekdays.
Tuition fees are €1430, in 2021. The ENSM awards scholarships funding. The funded students are exempt from the payment of tuition fees.
The selection is made on individual consideration. Registration for selection on parcoursup.fr

OPEN DAYS
• Le Havre, January 08, 2022,
• Nantes, January 15, 2022,
• Marseille, January 22, 2022,
• Saint-Malo, January 29, 2022 (for engineer training only)

All about ENSM: www.supmaritime.fr