



## [Academic information](#) [1]

### Study programmes

The main objective of the Barcelona School of Nautical Studies of Barcelona (FNB) is to educate highly skilled professionals in the maritime field, providing a solid technological and scientific training. The academic year 2010-2011 the Barcelona School of Maritime Studies began with the new degrees adapted to the European Higher Education Area. Now we offer the following degrees and masters:

#### Bachelor's degrees:

- Bachelor's degree in Marine Technologies
- Bachelor's degree in Nautical Sciences and Maritime Transport
- Bachelor's degree in Systems Engineering and Naval Technology

#### Master's degrees:

- Master's degree in Management and Operation of Marine Energy Facilities
- Master's degree in Nautical Sciences and Maritime Transport Management
- Master's degree in Naval Architecture and Ocean Engineering

---

The **bachelor's degree in Marine Technologies** provides a solid grounding in the operation, maintenance and management of power plants and ship systems, and in the design, reengineering and construction of vessels. This degree is taught in Spanish.

This bachelor's degree includes a **Major in Marine Electrotechnics**, in which students develop the knowledge and skills required to work as an electro-technical officer. They learn about electrical systems, automatic control and computer networks, radio navigation equipment, radio communication systems and other specialised topics. This major is taught in Spanish.

<http://www.upc.edu/learning/courses/Bachelors-degrees/marine-engineering-barcelona-fnb> [2]

---

The **bachelor's degree in Nautical Sciences and Maritime Transport** provides students with the knowledge and skills needed for optimal management of navigation manoeuvres, safety and pollution prevention, special cargoes, radio-electronic systems, and other specialised matters.

This bachelor's degree includes a **Major in Maritime Business and Port Logistics**, in which students learn how the agents involved in maritime business and port logistics operate, focusing on a range of subjects, including management, planning, legislation, economics, international maritime business and short sea shipping. This major is taught entirely in English.

<http://www.upc.edu/learning/courses/Bachelors-degrees/nautical-engineering-and-maritime-transport-barcelona-fnb> [3]

---

The **bachelor's degree in Systems Engineering and Naval Technology** provides students with the knowledge and skills required to work as an expert on ship propulsion and systems. This degree is taught in Spanish.



<http://www.upc.edu/learning/courses/Bachelors-degrees/systems-engineering-and-naval-technology-barcelona-fnb> [4]

---

The **master's degree in Management and Operation of Marine Energy Facilities** gives students the knowledge and skills to design, plan, operate, maintain and manage marine facilities, covering the main safety, environmental and economic considerations in marine engineering from an interdisciplinary perspective. The course qualifies graduates to practise the regulated profession of chief engineer in the merchant navy. This master's degree is taught in Spanish.

<http://www.upc.edu/learning/courses/masters-degrees/marine-engineering> [5]

---

The **master's degree in Nautical Sciences and Maritime Transport Management** provides high-level skills in the knowledge areas linked to nautical engineering and maritime transport: the structure and behaviour of ships at sea, maritime transport logistics and environmental management. The course qualifies graduates to practise the regulated profession of merchant navy captain. This master's degree offers some courses in English.

<http://www.upc.edu/learning/courses/masters-degrees/nautical-engineering-and-maritime-transport> [6]

---

The **master's degree in Naval Architecture and Ocean Engineering**, introduced in the 2017-2018 academic year, qualifies you to practise the regulated profession of naval architecture and ocean engineer. It gives you the knowledge you need to design, build, maintain and assess ships and vessels of all kinds, as well as platforms and devices for the use of ocean resources. You will also be trained in the management and supervision of maritime businesses. You can take one of the following specialisations: **Yacht and Pleasure Craft Design** or **Ocean Energies**.

<https://www.upc.edu/en/masters/naval-architecture-and-ocean-engineering> [7]

*For a full list of the courses offered in English, see the document in the link below:*

[Courses in English](#) [8]

**Source URL:** <https://www.fnb.upc.edu/content/academic-information>

#### Links

[1] <https://www.fnb.upc.edu/content/academic-information>

[2] <http://www.upc.edu/learning/courses/Bachelors-degrees/marine-engineering-barcelona-fnb>

[3] <http://www.upc.edu/learning/courses/Bachelors-degrees/nautical-engineering-and-maritime-transport-barcelona-fnb>

[4] <http://www.upc.edu/learning/courses/Bachelors-degrees/systems-engineering-and-naval-architecture-barcelona-fnb>



al-technology-barcelona-fnb

[5] <http://www.upc.edu/learning/courses/masters-degrees/marine-engineering>

[6] <http://www.upc.edu/learning/courses/masters-degrees/nautical-engineering-and-maritime-transport>

[7] <https://www.upc.edu/en/masters/naval-architecture-and-ocean-engineering>

[8] <http://www.fnb.upc.edu/sites/default/files/Web%20Courses%20in%20English.pdf>