





International Master's Degree In Military Naval Engineering

V Edition





Officers of the Allied and Friendly Armed Forces Personnel linked to the Ministries of Defence of allied and friendly countries

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Face-to-face: September 24 – March 25 Online and Master's Thesis: April 25 – July 25

Tuition fees

22.000 €

Includes: transportation, accommodation and meals during the internship period at M. Defence facilities, daily food at the ETSIN on school days

Staff & Scientific Advisory

























































Program



Teaching load

90 credits, 750 teaching hours + study trips and internships + Master's Thesis



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Stages

Principles of Shipbuilding and Design. Life Cycle. Warship Project. Systems Engineering. Principles of Naval Architecture. Auxiliary systems.

Naval Force: Strategy and Planning.
Management and development of a
Shipbuilding program. Propulsion systems.
Accomodation and comfort on board.
Electrical Engineering and Electrical Systems.
Vessel Dynamics. Shipbuilding.

On-board electronics. Structural dynamics and vibrations. Combat Systems. Integrated Logistics Support. Naval equipment. New Technologies and R+D. On-board unmanned systems. Shipyard administration and construction cost control. Ship repairs and maintenance.



Innovative content

Digital SHIP
MBSE Model Based Systems Engineering
Fuel Cells - AIP - Engineering
Frigate Program 110
Submarine Certification
Integrated Logistics Support to
Naval Programs
New Safety Requirements in the Military CNN
Decarbonization Roadmap at Military CNN
Cybersecurity
Integration of unmanned vehicles
into command and control systems



Monitoring Committee

Admiral Director of Naval Education Director of ETSIN - UPM Director of the ETSIAN Deputy Director of Studies at ETSIN



Internship at

Navy Arsenals
Navantia Training Center (Cádiz)
ETSIN Laboratories (CEHINAV Towing Tank & Virtual Reality Classroom)
CEHIPAR Towing Tank (El Pardo)
Siemens CESENA (Ferrol)
CESEDEN



Master's Headquarters

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Contact

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