

PÓS-GRADUAÇÃO

POSTGRADUATION



DECARBONISATION OF MARITIME TRANSPORT: FUTURE STRATEGIES AND TECHNOLOGIES

Direction

Cátia Sousa

ECTS

18 ects

UNIVERSIDADE
LUSÓFONA



CENTRO
UNIVERSITÁRIO
LISBOA

Apresentação

The course offers solid training for an integrated perspective on the maritime transport sector. Structured in modules, it covers topics such as decarbonisation, alternative fuels, energy transition, emerging technologies (AI, big data, blockchain), and ESG indicators, aligning with the SDGs. Its multidisciplinary nature allows for a more comprehensive analysis of the sector's dynamics, addressing economic, social, environmental, and logistical challenges, and combining propulsion systems engineering with broader industry issues. The course offers flexibility, allowing participants to choose the path that best suits their needs and interests, with the option of pursuing a postgraduate degree or microcredentials.

1st Year | No Branch Name

1º Semestre	ects	2º Semestre	ects
Decarbonisation: Challenges, Opportunities and the Circular Economy	2	Alternative Technologies and Energies	2
Environmental Certifications and ESG Indicators	2	Energy Efficiency and Green Logistics	2
Impact Assessment and Life Cycle Analysis	2	Environmental Impacts and International Regulation	2
Seminars	2	Maritime Transport in the Global Economy and Sustainability	2
Technological Innovation in Maritime Transport	2		

FAZER
NOVOS
FUTUROS



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