



MASTER IN SUSTAINABLE PLANNING AND DESIGN OF PORT AREAS

MASTER IN PIANIFICAZIONE E PROGETTAZIONE SOSTENIBILE DELLE AREE PORTUALI

**Pianificazione
e progettazione
sostenibile
delle aree portuali**
**Master Universitario
di II livello**

**Dipartimento di
Architettura
Dipartimento di
Ingegneria Civile, Edile e
Ambientale**

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Aims

1. To train specialized expertise in the field of sustainable planning and design of port areas, integrating knowledge of the socio-economic and ecological-environmental dynamics, management aspects, legal and regulatory ones, and organizational rules of ports and urban areas.
2. To provide approaches and tools to enable regenerative processes of port and coast areas, based on symbiotic relationships between port and city, in an circular economy perspective through innovative technical support to the elaboration of sustainable design alternatives.

Thematic areas

1. Integrated planning of port areas and urban waterfronts, with reference to main ports of the seaside town.
2. Integrated design of marinas, with particular attention to coast cities of the Mediterranean area.

TRAINING SUBJECTS

**TRANSPORT ECONOMY
AND LOGISTICS**

**URBAN AND
ENVIRONMENTAL
ECONOMY**

MARITIME HYDRAULICS

COASTAL ENGINEERING

**LOGISTICS
AND PORT ACTIVITIES**

**INTEGRATED MANAGEMENT
MODELS FOR THE PORT
AREAS**

**HISTORY, CONSERVATION
AND RESTORATION
OF PORT CITIES**

**PLANNING AND DESIGN
OF PORT AREAS**

**LABORATORY OF
HYDRAULIC AND MARITIME
CONSTRUCTION**

**LABORATORY OF
FEASIBILITY ASSESSMENT**

**LABORATORY OF
STRATEGIC PLANNING ,
MARITIME TRANSPORT
AND LOGISTICS**

**LABORATORY OF
ARCHITECTURE
AND URBAN DESIGN**

The Master is intended for those who work in the field of public administrations, architecture and engineering firms and applied research for a minimum of 5 students and a maximum of 20 students, 60 training credits. The registration fee is € 1,016.

The deadline for submitting the application form is February 2, 2021.

Degrees that allow access to the Master: Degree diplomas of the old system: all five-year degree diplomas issued by the Faculties of Architecture and Engineering; Specialized and/or master's degrees: Master's degree and / or specialist degree of Classes LM-4, LM-4 C.U., LM-23, LM-24, LM-48.

The overall duration of the Master is 1,500 hours. The teaching activities will be carried out mostly online starting from March 5, 2021 and will end by October 31, 2021.

Coordinator
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Scientific Council
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Coordinators of the design laboratories of ports and coastal areas
Paolo Viola, Marina&Waterfront - WiP Architecture, Technical, Engineering, Milano
Oriol Capdevila Arús, Studio MBM Arquitectes, Barcelona

Tutors of the laboratories
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