



ANNEX 2.4
DEGREE PROGRAM DIDACTIC REGULATIONS
AUTONOMOUS VEHICLE ENGINEERING
CLASS LM-33

School: Polytechnic School of Engineering and Basic Sciences

Department: Industrial Engineering

Didactic Regulations in force since the academic year 2024-2025

Course: DESIGN OF AUTONOMOUS MARINE VEHICLES		Teaching Language: English	
SSD (Subject Areas): SSD ING/IND 01		CREDITS: 9	
Course year: 2024/25		Type of Educational Activity: C	
Teaching Methods: In-person			
Contents extracted from the SSD declaratory consistent with the training objectives of the course: The scientific sector includes all aspects pertinent to the hull design. These are: the development of the hull body and of the propulsion system (both conventional and non-conventional); the verification of stability, seakeeping and manoeuvrability requirements, in order to guarantee the safety of navigation and the comfort on board.			
Objectives: <ul style="list-style-type: none">• provide knowledge on different types, mission profiles and general layouts of unmanned/autonomous marine vehicles.• provide the fundamentals for the design of unmanned/autonomous marine vehicles by focusing on hands-on experience from state-of-the-art approaches and technologies.• present design cases and development of autonomous marine vehicles.			
Propaedeuticities: None			
Is a propaedeuticity for: None			
Types of examinations and other tests: Oral Exam and project discussion.			