

Master's degree in **Marine Biology and Aquaculture**

Academic year 2024/2025

(I anno segue Regolamento Didattico 2024/25, II anno segue Regolamento Didattico 2021/2022)

1th YEAR 1th SEMESTER <i>(Curriculum Marine Biology and Aquaculture and Marine Resources Management)</i>				
COURSES	MODULES	ECT	PROF	SEMESTER
Physical and chemical oceanography		6	Daniela Flocco	I
Biodiversity of marine environment and monitoring	Marine animal biodiversity	6	Michael Kuba	I
	Marine plant biodiversity	6	Angelo del Mondo	
Marine microbial biodiversity		6	Annarita Ricciardelli	I
Algal biology		6	Karl Joseph Duffy	I
Optional activity		6		I

1th YEAR 2nd SEMESTER <i>Curriculum Marine Biology</i>				
COURSES	MODULES	ECT	PROF	SEMESTER
Scientific Diving		6	Gianluca Polese	II
Developmental biology and physiology of marine organisms	Developmental biology of marine organisms	6	Chiara Maria Motta	II
	Physiology of marine organisms	6	Arianna Mazzoli	
Optional activity		6		

1th YEAR 2nd SEMESTER <i>Curriculum Aquaculture and Marine Resources Management</i>				
COURSES	MODULES	ECT	PROF	SEMESTER
Scientific Diving		6	Gianluca Polese	II
Fishery ecology		6	<i>da definire</i>	II
Nutrition physiology and functional anatomy of fish	Functional anatomy of fish	6	Giulia Guerriero	II
	Nutrition physiology and animal welfare in aquaculture	6	Maria Pina Mollica	

2nd YEAR Curriculum Marine Biology			
COURSES	ECT	PROF	SEMESTER
Marine genomics	6	Caterina Missero	I
Biochemical adaptation to marine environment	6	Anna De Maio	I
Marine animals ecopathology	6	Francesca Carella	I
Optional activity	6		I
Internship/acquisition of italian language* (<i>foreign students</i>)	6		
Thesis	30		

2nd YEAR Curriculum Marine Aquaculture				
COURSES	MODULES	ECT	PROF	SEMESTER
Pathology in aquaculture	Disease and diagnostic of Mollusc and Crustacean	6	Francesca Carella	I
	Pathology of Teleost	6	Karen Power	
Hygiene of aquatic productions		6	Giovanni Libralato	I
Optional activity		6		
Internship/acquisition of italian language*				

<i>(foreign students)</i>				
Thesis		30		

OPTIONAL COURSES			
INSEGNAMENTI	CFU	DOCENTI	SEMESTRE
Marine Geology (GEO/04/05)	6	David Iacopini	II
Management of Marine Resources (BIO/07)	6	Stipcich Patrizia	II
Rearing Techniques of Aquatic Species (AGR/20)	6	Giovanni Piccolo	II
Evolutionary and conservation genetics (BIO/18)	6	Giuseppe Saccone	II